

CURRICULUM VITAE
Mustafa K. Başkaya, MD

Personal Data

Born: August 13, 1964

Birthplace: Aydin, Turkey

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Academic Appointments

Jan. 2023- present. Co-director, Neurocritical Care Unit

May 2020 – present Endowed Professor of Robert J. Dempsey

Mar. 2017 – present Professor with Tenure, Department of Neurological Surgery, University of Wisconsin, Madison, Wisconsin, USA

2018 Fellowship Director of Cerebrovascular & Skull Base Surgery

2012 Nov.– 2017 Mar. Associate Professor of Neurosurgery (Tenure), Department of Neurological Surgery, University of Wisconsin, Madison, Wisconsin, USA

2006 Jan.– 2012 Nov. Assistant Professor of Neurosurgery (Tenure Track), Department of Neurological Surgery, University of Wisconsin, Madison, Wisconsin, USA

2008 Jan. – present Director, Skull Base Surgery Program, Department of Neurological Surgery, University of Wisconsin, Madison, Wisconsin, USA

Professional Appointments

2006 Jan. – present	Attending Neurosurgeon, University of Wisconsin Hospitals and Clinics, Madison, Wisconsin
2006 Jan. – present	Consultant Neurosurgeon, Meriter Hospital, Madison, Wisconsin
2006 Jan. – present	Consultant Neurosurgeon, William H. Middleton VA Hospital, Madison, Wisconsin

Education and Postgraduate Training

2005 July- Dec.	Fellow in Neurosurgery, Department of Neurological Surgery, University of Miami, Miami, Florida, USA
2004-2005	Chief Resident in Neurosurgery, Department of Neurological Surgery, University of Miami, Miami, Florida, USA
2001-2005	Resident in Neurosurgery, Department of Neurological Surgery, University of Miami, Miami, Florida, USA
2000-2001	Clinical Fellow in Cerebrovascular & Skull Base Surgery Department of Neurological Surgery, University of Miami, Miami, Florida, USA
1997- 2000	Clinical Fellow in Cerebrovascular & Skull Base Surgery Department of Neurosurgery, Louisiana State University, Shreveport, Louisiana, USA
1995-1997	Research Associate, Department of Neurological Surgery, University of Wisconsin, Madison, Wisconsin, USA
1994-1995	Postdoctoral Fellow, Division of Neurosurgery, Department of Surgery, University of Kentucky, Kentucky, USA
1993-1994	Cerebrovascular Fellow, Department of Neurosurgery, Nagoya University School of Medicine, Nagoya, Japan

1992-1994	Chief Resident, Department of Neurosurgery, Ankara University Faculty of Medicine, Ankara, Turkey
1987-1992	Resident, Department of Neurosurgery, Ankara University Faculty of Medicine, Ankara, Turkey
1981-1987	Faculty of Medicine, Ankara University, Ankara, Turkey

Licensure and Certification

1987	Diploma of Medicine, Ministry of Health, Republic of Turkey
1994	Certification of Specialization in Neurosurgery, Ministry of Health, Republic of Turkey
1997	United States Medical Licence Examination (USMLE), ECFMG Certificate (# 0-551-943-4)
2000	Certification of Subspecialization Training in Cerebrovascular and Skull Base Surgery, Louisiana State University Medical Center
2001	Certification of Subspecialization Training in Cerebrovascular and Skull Base Surgery, University of Miami/Jackson Memorial Hospital
2005	Wisconsin State Medical License
2006	Florida State Medical License
2012	Certified, Diplomate of American Board of Neurological Surgery

Honors and Awards

1993	Professor Kenichiro Sugita Scholarship
1994	University of Kentucky Post-doctoral Scholarship

1999	Physician's Recognition Award by American Medical Association
2002	Young Promising Neurosurgeon Award (Prof. H.Z. Gokalp Award) by Turkish Neurosurgical Society
2004	Best Resident Presentation Award in 4 th Rosomof Research Day, University of Miami
2007	Resident Teaching Award, Department of Neurological Surgery, University of Wisconsin
2011	Honorary Member of Turkish Society of Anatomy & Clinical Anatomy
2014	Vitals Compassionate Doctor Award
2015	Alpha Omega Alpha Honor Medical Society
2016	Patients's Choice Award "One of the Best Wisconsin's Favorite Physicians by Vitals
2018	Provider Champion Award (UW Patient & Family Experience in achieving highest level of communication, compassion and engagement).
2019	Resident Teaching Award, Department of Neurological Surgery, University of Wisconsin
2023	Outstanding Service Award, Turkish Neurosurgical Society

Research Grants

Co-investigator	<i>"Phosphatidylcholine Regulation in Stroke"</i> NIH/NINDS RO1 Grant (competing renewal, funded, 2007-2012, PI: Dr. RM Adibhatla)
Consultant	<i>"The Role of Prefrontal Cortex in Emotion Regulation"</i> Principal Investigator: Michael Koenig, NIH R01 (granted)
Co-investigator	<i>"Regulation of stromal derived factor-1 mediated angiogenesis in ischemic brain."</i> (NIH National Institute of Neurological Disorders & Stroke (Hypertension and Microcirculation Study Section) RO3 grant, funded, PI: Uma Wesley, PhD)

Other Grants

- 2021 *Instructional Lab Modernization Grant to fund Microsurgery Laboratory. UW-Madison SMPH Grant, funded*
- 2023 *The Global Network for Brain Metastases (GLOBRAINET): An Integrated Clinical Database and Biospecimen Repository, Multi-institutional Grant, Department of Defense, sub-contractor*

Clinical Research and Trials

- Principal Investigator *Randomized, double-blind, placebo controlled, multicenter, parallel groups confirmatory efficacy and safety trial of activated recombinant factor VII (NovoSeven/Niastase) in acute intracerebral hemorrhage (F7ICH-1641)*

National and International Leadership and Service

- 2010 - 2016 World Federation of Neurosurgical Societies Skull Base Committee
- 2012 - present AANS/CNS Joint section of Cerebrovascular Surgery Executive Committee
- 2012 - present AANS/CNS Joint section of Cerebrovascular Surgery, Chair/ Cerebrovascular Research Award
- 2013 - 2015 Congress of Neurological Surgeons Executive Committee
- 2014 - 2015 Chair, International Division, Congress of Neurological Surgeons
- 2015 - 2017 Member, Education Division, Congress of Neurological Surgeons
- 2015 - 2016 Member, 2016 North American Skull Base Society Annual Meeting Planning Committee

2015 - 2017	Member, International Division, Congress of Neurological Surgeons
2015 - 2016	Member, Congress of Neurological Surgeons Annual Meeting Planning Committee
2015 - present	World Federation of Neurosurgical Societies Cerebrovascular Surgery Committee
2017	Co-chair (Neurosurgery) of Scientific Program, North American Skull Base Society 2017 Annual Meeting
2021	Nominating Committee, World Federation of Neurosurgical Societies
2021	Executive Committee, International Rhoton Society
2023	Chair of Scientific Program Committee, The 3 rd International Rhoton Society Meeting
2024	Chair of Scientific Program Committee, The 1 st Yasargil Microneurosurgery Academy Meeting

Memberships

1987 - present	Turkish Association of Medical Doctors
1994 - 1997	Society for Neuroscience
1996 - 2000	The International Society of Cerebral Blood Flow and Metabolism
2000 - present	Turkish Neurosurgical Society
2001 - present	American Association of Neurological Surgeons
2001 - present	North American Skull Base Society
2003 - present	Congress of Neurological Surgeons
2010 - present	World Federation of Neurosurgical Societies
2014 - present	The Society of University Neurosurgeons
2016 - present	Society of Neurological Surgeons

2016 - present	American Academy of Neurological Surgeons
2018 - present	European Association of Neurosurgical Societies
2018 - present	Executive Committee Member of International Conference on Cerebrovascular Surgery
2023 - present	Member, International Academy of Neurosurgical Anatomy

Editorial Responsibilities

1998 - 1999	Ad Hoc reviewer, Neurosurgical Focus
2000 - present	Editorial Board Member of <i>Annals of Neurosurgery</i> (Electronic Journal, www.annals-neurosurgery.org)
2002 - 2014	Associate Editor of <i>Neuroanatomy</i> (www.neuroanatomy.org)
2009 - present	Editorial Board Member of Anatomy (International Journal of Experimental & Clinical Anatomy)
2010 - present	Editorial Board Member of ISNR Neurology
2007 - present	Ad Hoc reviewer, Neuroscience Letters
2007	Ad Hoc reviewer, Journal of Case Reports
2009	Ad Hoc reviewer, Clinical Medicine and Research
2009	Ad Hoc reviewer, Clinical Neurology and Neurosurgery
2009 - present	Ad Hoc reviewer, Clinical Anatomy
2010	Ad Hoc reviewer, Surgical Neurology International
2009 - present	Ad Hoc reviewer, Neurocritical Care
2010 - 2015	Ad Hoc reviewer, Journal of Cerebral Blood Flow & Metabolism
2010	Ad Hoc reviewer, Anatomy Research International

2011 - present	Ad Hoc reviewer, Neurosurgery
2011	Ad Hoc reviewer, Life Sciences
2011 - present	Advisory Board Member, Journal of Experimental & Clinical Medicine
2011 - present	Ad Hoc reviewer, Central European Neurosurgery
2011 - present	Editorial Board Member, Surgical Neurology International
2012 - present	Ad Hoc reviewer, Journal of Neurology, Neurosurgery & Psychiatry
2012 - present	Editorial Board member, Turkish Neurosurgery
2013 - present	Ad Hoc reviewer, Anatomical Science International
2013 - present	Editorial Board member, Contemporary Neurosurgery
2013	Ad Hoc reviewer, BMC Surgery
2014	Ad Hoc reviewer, Neurosurgical Review
2016 - present	Associate Section Editor of Skull Base, Operative Neurosurgery
2017	Guest Editor, Neurosurgical Focus Video, Surgical Videos for Skull Base Meningiomas.
2017 - present	Editorial Board Member, Skull Base: Operative Videos
2020	Guest Topic Editor (Lead), Neurosurgical Focus Video, Surgical Videos for Posterior Fossa AVMs.
2020 - present	Editorial Board Member, Acta Neurochirurgica
2024 – present	Chief Editor, Turkish Neurosurgery

Service Activities & Committee Appointments

2014 - 2020	Faculty mentoring committee, Dr. Azam S. Ahmed, Dept. of Neurological Surgery
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2016 - 2022	Chair of faculty mentoring committee, Dr. Wendell Lake, Dept. of Neurological Surgery
2020 - 2023	Member, Tenure Track Professor Promotion Committee, University of Wisconsin Medical School
2023 - 2024	Chair, Cerebrovascular Faculty Search Committee

Abstract Grading for International Meetings

Abstracts on subarachnoid hemorrhage and management. International Stroke Conference February 18-20, 2009. San Diego, California.

Abstracts on cerebrovascular sessions. XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Boston, USA. August 30-September 4, 2009.

Abstracts on subarachnoid hemorrhage and management. International Stroke Conference February 24-26, 2010. San Antonio, Texas.

Abstracts on subarachnoid hemorrhage and management. International Stroke Conference February 9-11, 2011. Los Angeles, California.

Abstracts on cerebrovascular and skull base surgery. European Association of Neurological Surgeons 2015 Annual Meeting.

Abstracts for 2016 Annual Meeting of North American Skull Base Society

Abstracts for 2017 Annual Meeting of North American Skull Base Society

National and International Education & Teaching

Invited Faculty, Standard Approach, Orbitozygomatic and Posterior Petrosectomy Approaches, Pre-meeting Courses, 17th Annual Meeting of North American Skull Base Society, Phoenix, AZ, February 16, 2006

Director, Microsurgical Approaches Annual Resident Training Course in the Skull Base and Neuroanatomy, University of Wisconsin, Madison, WI, January 2006-July 2006

Director, Correlative Neuroanatomy and Neuroscience, Antero-lateral Skull Base Resident Training Course, University of Wisconsin, Madison, WI, January 2007-July 2007

Visiting Professor, University of Ankara, Medical Faculty, Department of Neurosurgery, January 6-10, 2007

Guest Speaker, 21st Turkish Neurosurgical Society Scientific Congress Antalya, Turkey, April 20-24, 2007

Director, Posterior Skull Base and Cerebral Angiography, Resident Training Course, University of Wisconsin, Madison, WI, July 2007-October 2007

Director, Lateral Skull Base and Cranial Nerves, Resident Training Course, University of Wisconsin, Madison, WI, November 2007-February 2008

Invited Faculty and Speaker, Post-auricular Transtemporal Approaches-Neurosurgical Perspective, Pre-meeting Hands-on Cadaveric Dissection Course, 19th Annual Meeting of North American Skull Base Society, Vancouver, Canada, September 10th, 2008.

Instructor, Skull Base Approaches, Pre-meeting Course, 19th Annual Meeting of North American Skull Base Society, Vancouver, Canada, September 10th, 2008

Director, Intracranial Aneurysms: Microsurgical Anatomy and Treatment. Resident Training Course, University of Wisconsin, Madison, WI, February 2008-January 2009.

Director, The First Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison and Medical College of Wisconsin, Milwaukee. Madison, Wisconsin February 7, 2009.

Director & Instructor, Neuroanatomy and Cadaveric Dissection Course for Neuroscience Interest Group of Medical Students of University of Wisconsin Medical School. March 10, 2009, Madison, Wisconsin.

Director, Microsurgical and Functional Anatomy of the Brain Stem and Spinal Cord. Resident Training Course, University of Wisconsin, Madison, WI. February 2009-July 2009.

Moderator, Oral Papers in Cerebrovascular Session on August 31, 2009. XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Boston, USA. August 30-September 4, 2009.

Invited Faculty and Panelist, Breakfast Sessions. Diagnosis and Management of Vascular Lesions in the Severe Trauma Patient: Dissections, Pseudoaneurysms and Vasospasm. XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Boston, USA. August 30-September 4, 2009.

Invited Faculty and Speaker, Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish

Neurosurgical Society Microsurgical Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 24-25, 2009.

Invited Faculty and Speaker, Post-auricular Transtemporal Combined Approaches-Neurosurgical Perspective, Pre-meeting Hands-on Cadaveric Dissection Course, 20th Annual Meeting of North American Skull Base Society, New Orleans, October 15th, 2009.

Director, The Second Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin. April 10, 2010.

Director, Microsurgical Anatomy of the Middle Cranial Base and Temporal Bone, Postero-lateral Skull Base Approaches and Treatment of Cerebral AVMs. Resident Training Course, University of Wisconsin, Madison, WI. August 2009- June 2010.

Director & Instructor, Neuroanatomy and Cadaveric Dissection Course for Medical Students of University of Illinois Champaign-Urbana. May 24-26, 2010, Madison, Wisconsin.

Director & Instructor, Neuroanatomy and Cadaveric Dissection Course for Medical Students of University of Illinois Champaign-Urbana. July 12-16, 2010, Madison, Wisconsin.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp for PGY1 Neurosurgery Residents. Chicago, Illinois, July 23-24, 2010.

Guest Faculty and Speaker, Open and Endoscopic Endonasal Skull Base Surgery: A Hands-on Cadaver Workshop for Neurosurgeons. Oregon Health and Science University, Portland, Oregon, September 25-26, 2010.

Director & Instructor, Neuroanatomy and Cadaveric Dissection Course for Neuroscience Interest Group of Medical Students of University of Wisconsin Medical School. October 22, 2010, Madison, Wisconsin.

Director, Microsurgical Anatomy of the Posterior Fossa and Posterior Skull Base and Cerebrovascular Occlusive Diseases. Resident Training Course, University of Wisconsin, Madison, WI. July 2010- January 2011.

Invited Faculty and Speaker, Post-auricular Transtemporal Combined Approaches-Neurosurgical Perspective, Pre-meeting Hands-on Cadaveric Dissection Course, 22nd Annual Meeting of North American Skull Base Society, Phoenix, AZ, February 17th, 2011.

Director, The Third Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin. May 14, 2011.

Visiting Professor, Uludag University, School of Medicine, Department of Neurosurgery, Bursa, Turkey. May 20-21, 2011.

Director, Surgical Anatomy of the Ventricles, Temporal Lobe and Surgical Treatment of Epilepsy. Resident Training Course, University of Wisconsin, Madison, WI. February 2011- August 18, 2011.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamental Skills Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 8-9, 2011.

Director & Instructor, Neuroanatomy and Cadaveric Dissection Course for Medical Students of University of Illinois Champaign-Urbana. July 25-27, 2011, Madison, Wisconsin.

Director, Basics of Neurosurgery, anterior skull base, neuro-exam and neuro-endoscopy. Resident Training Course, University of Wisconsin, Madison, WI. August 25, 2011- February 23, 2012.

Invited Faculty and Speaker, Post-auricular Transtemporal Combined Approaches-Neurosurgical Perspective, Pre-meeting Hands-on Cadaveric Dissection Course, 23rd Annual Meeting of North American Skull Base Society, Las Vegas, Nevada, February 16th, 2012.

Director, Approaches to middle fossa and petroclival region. Resident Training Course, University of Wisconsin, Madison, WI. March 15, 2012- August 16, 2012.

Director, The Fourth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin. May 12, 2012.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamental Skills Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 8-9, 2012.

Director & Instructor, Neuroanatomy and Cadaveric Dissection Course for Medical Students of University of Illinois Champaign-Urbana. July 13, 2012, Madison, Wisconsin.

Director & Instructor, Cadaveric Dissection Course for Otolaryngology residents, University of Wisconsin, Madison, Wisconsin. September 19, 2012

Director & Instructor, “Hands-On” Microneurosurgical Dissection: Drilling, Suturing, Reviewing Neuroanatomy in Perfused Cadaver Heads.” Neuroscience Interest Group, UW School of Medicine and Public Health, Madison, WI October 26, 2012

Moderator, Video/Abstract Presentations on November 7, 2012. The 8th International Congress on Meningiomas and Cerebral Venous System (ICOMCVS) and the 3rd

International Symposium on the Cavernous Sinus (ISOCS), Little Rock, Arkansas, November 4-7, 2012

Invited Faculty and Panelist, Luncheon Seminar on November 5, 2012. Sphenoclinoidal Meningiomas. The 8th International Congress on Meningiomas and Cerebral Venous System (ICOMCVS) and the 3rd International Symposium on the Cavernous Sinus (ISOCS), Little Rock, Arkansas, November 4-7, 2012

Invited Faculty, Moderator and Panelist, Breakfast Seminar on November 6, 2012. Cavernous Malformations. The 8th International Congress on Meningiomas and Cerebral Venous System (ICOMCVS) and the 3rd International Symposium on the Cavernous Sinus (ISOCS), Little Rock, Arkansas, November 4-7, 2012

Invited Faculty and Speaker, Post-auricular Transtemporal Combined Approaches-Neurosurgical Perspective, Pre-meeting Hands-on Cadaveric Dissection Course, 24th Annual Meeting of North American Skull Base Society, Miami, FL, February 14th, 2013.

Visiting Professor, Katip Celebi University, Izmir, Department of Neurosurgery, February 22, 2013

Invited Faculty and Speaker, “Nuts and bolts of posterior fossa surgery: How I do it. Practical Clinic. The 81st Annual Meeting of American Association of Neurological Surgeons. New Orleans, La April 27, 2013.

Director, The Fifth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota and Rush University. Mequon, Wisconsin. May 14, 2013.

Invited Faculty, Speaker and Commentator on Live Surgeries, The 13th Helsinki Live Demonstration Course in Operative Microneurosurgery. Helsinki, Finland, June 2-6, 2013.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamental Skills Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 8-9, 2013.

Director, The Sixth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University and Loyola University. Madison, Wisconsin. May 2, 2014.

Director, Neuroanatomy and Cadaveric Dissection Course for Medical Students of University of Illinois Champaign-Urbana. June 9, 2014, Madison, Wisconsin.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamental Skills Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 11-12, 2014.

Invited Faculty and Panelist, Practical Course on October 19, 2014. “Surgical management of Tumors in Eloquent Regions”. Congress of Neurological Surgeons Annual Meeting. Boston, Massachusetts. October 18-22, 2014

Moderator, 3D Neurosurgery: Techniques to Advance Safety and Efficacy in Micro-neurosurgery. Congress of Neurological Surgeons Annual Meeting. Boston, Massachusetts. October 18-22, 2014

Moderator, 2D Neurosurgery: Intraoperative Complications Avoidance and Management. Congress of Neurological Surgeons Annual Meeting. Boston, Massachusetts. October 18-22, 2014

Co-director, The First Microvascular Surgery Course for residents of Neurosurgery, Plastic Surgery and Otolaryngology at University of Wisconsin-Madison. Madison, Wisconsin. November 15, 2014.

Faculty, Resection of Acoustic Neuromas: Part I. Translabyrinthine approach. AANS Operative Grand Rounds. Webinar. 2015

Faculty, Resection of Acoustic Neuromas: Part II. Retrosigmoid and Middle Fossa Approaches. AANS Operative Grand Rounds. Webinar. 2015

Moderator, Management of Challenging Aneurysms, Breakfast session. North American Skull Base Society, 25th Annual Meeting, Tampa, FL. February 21, 2015

Invited Faculty, 4th Annual Advanced Open and Endoscopic Techniques in Complex Skull Base Surgery, Homer Stryker Center, Mahwah, NJ March 21-22, 2015.

Director, Neuroanatomy “Hands-On” Dissection & Introduction to Neurosurgery, “Surface and Vascular Anatomy of Brain” and “Vascular Anatomy; Hands on example of Drilling, Suturing and work under the microscope”. Neuroscience Interest Group-UW Madison, WI. April 9, 2015

Invited Faculty, International Basic Neurosurgery Course. The 4th Term. Vascular Neurosurgery. Belek-Antalya, Turkey. April 14-17, 2015

Director, Vascular Hands-on Simulation Course. International Basic Neurosurgery Course. The 4th Term. Vascular Neurosurgery. Belek-Antalya, Turkey. April 15-16, 2015

Director, Vascular Hands-on Simulation Course. 29th Turkish Neurosurgical Society Scientific Meeting – Pre-meeting Practical Course. Belek-Antalya, Turkey. April 17, 2015

Invited Faculty and Speaker, How to Tackle Difficult Cranial cases. A step-by-step 3D Case-based Presentation. Practical Clinic. The 83rd Annual Meeting of American Association of Neurological Surgeons. Washington DC, May 4, 2015.

Director, “Microsurgery Reunion (Case Studies)”. University of Wisconsin, Madison, WI May 15, 2015

Director, The Seventh Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 16, 2015.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamental Skills Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 10-11, 2015.

Invited Faculty and Panelist, Practical Course in September 2015. “Surgical management of Tumors in Eloquent Regions”. Congress of neurological Surgeons Annual Meeting. New Orleans, La. September 27, 2015

Moderator, 3D Neurosurgery: Techniques to Advance Safety and Efficacy in Micro-neurosurgery. Congress of Neurological Surgeons Annual Meeting. New Orleans, La. September 28, 2015

Moderator and Presenter, 3D Neurosurgery: A tribute to Yasargil: Global Microsurgery in 3D. Congress of Neurological Surgeons Annual Meeting. New Orleans, La. September 29, 2015

Moderator, General Scientific Session III, Congress of Neurological Surgeons Annual Meeting. New Orleans, La. September 29, 2015

Co-director, The Second Annual Microvascular Surgery Course for residents of Neurosurgery, Plastic Surgery and Otolaryngology at University of Wisconsin-Madison. Madison, Wisconsin. November 14, 2015.

Faculty and Panelist, “Panel Discussion: Management of Vascular Issues in Skull Base Surgery”. 26th Annual North American Skull Base Society Meeting. Scottsdale, AZ, February 12-14, 2016.

Invited Faculty. Joint Meeting of the 12th International Conference of Cerebrovascular Surgery and 1st Interim Meeting of Asian Australasian Society Neurological Surgeons. February 26-28, 2017. Mumbai, India.

Faculty, Second Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University Of Colorado School of Medicine Center for Innovations. March 3-6, 2016. Aurora, CO.

Invited Faculty and Speaker, 3D Anatomy and Approaches to the Supratentorial Area and Skull Base. The 84th Annual Meeting of American Association of Neurological Surgeons. Chicago, Illinois, April 30-May 4, 2016.

Director, “Microsurgery Reunion (Case Studies)”. University of Wisconsin, Madison, WI May 13, 2016

Director, The Eighth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 14, 2016.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamental Skills Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 8-9, 2016.

Director, Introduction to Neurosurgery, Hands-on Dissection Course for High School Students, Madison, Wisconsin, July 14, 2016

Faculty, CNS 3D Anatomy Course for Senior Residents. Houston, TX. August 18-21, 2016.

Faculty, “Surgical Neuroanatomy II (Infratentorial).” Practical Course PC28, CNS 2016 Annual Meeting, San Diego, California, September 24-28, 2016

Faculty, “Intra-dural Spine Tumor Surgery” Senior Resident Course: Technical Foundations in Neurosurgery, CNS 2016 Annual Meeting, San Diego, California September 24-28, 2016

Faculty, Complex Skull Base and Brain Tumor Surgery: 3D Surgical Anatomy and Technical Nuances. Practical Course, CNS 2016 Annual Meeting, San Diego, California, September 24-28, 2016

Faculty, “How To Safely Operate: In, Through, and Around the Cavernous Sinus: Hands-On Cadaver Workshop with Live Surgery and Life-Like Simulation”, Arkansas Neuroscience Institute, Little Rock, Arkansas October 22-25, 2016.

Co-director, The Third Annual Microvascular Surgery Course for residents of Neurosurgery, Plastic Surgery and Otolaryngology at University of Wisconsin-Madison. Madison, Wisconsin. November 5, 2016.

Faculty, Tenth Annual Microscopic/Endoscopic Skull Base Surgery Course. Allegheny General Hospital, Department of Neurosurgery, Pittsburgh, PA. November 10, 2016

Visiting Professor, Department Neurosurgery, Temple University School of Medicine, Philadelphia, PA. December 15-16, 2016.

Scientific Program Co-Chair, the 27th Annual Meeting of North American Skull Base Society, March 3-5, 2017. New Orleans, Louisiana, USA.

Moderator, General Scientific Session. The 27th Annual Meeting of North American Skull Base Society, March 5, 2017. New Orleans, Louisiana, USA.

Panelist, “Master Video Session 1: Microvascular anastomosis, bypass and vascular repair. The 27th Annual Meeting of North American Skull Base Society, March 3-5, 2017. New Orleans, Louisiana, USA.

Panelist, “Main Topic Session 7: Petroclival meningiomas: Philosophy, techniques and results. The 27th Annual Meeting of North American Skull Base Society, March 3-5, 2017. New Orleans, Louisiana, USA.

Panelist, “Expert Debate Session 9: Vascular considerations in skull base surgery: Arteries (preserve, sacrifice or bypass), veins and preoperative tumor embolization. The 27th Annual Meeting of North American Skull Base Society, March 3-5, 2017. New Orleans, Louisiana, USA.

Faculty, Third Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University Of Colorado School of Medicine Center for Innovations. March 13-17, 2017. Aurora, CO.

Moderator, International Symposium. Cerebrovascular Session. 2017 AANS Annual Scientific Meeting Los Angeles, CA April 25, 2017

Panelist, Breakfast Seminar 106. Anticoagulation for the Neurosurgeon and Hemostasis in Neurosurgery, 2017 AANS Annual Scientific Meeting Los Angeles, CA April 24, 2017

Panelist, Breakfast Seminar 208. Endovascular vs. Microsurgical Techniques for the Optimal Treatment of Intracranial Aneurysms, 2017 AANS Annual Scientific Meeting Los Angeles, CA April 25, 2017

Director, “Microsurgery Reunion (Case Studies)”. University of Wisconsin, Madison, WI May 5, 2017

Director, The Ninth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 6, 2017.

Moderator. Tumor Session. International Symposium of Neurosurgery and Spine Surgery in the 9th Annual Meeting of Bosnia-Herzegovina American Academy of Science and Art. May 27, 2017. Teslic, Bosnia-Herzegovina.

Visiting Professor. “The 27th Annual George Ehni Lectureship and Workshop”. Baylor College of Medicine. June 8-10, 2017. Houston, Texas.

Guest Director. The 27th Annual George Ehni Cadaveric Anatomy Workshop. 1) Orbitozygomatic Skull Base Approach and Unlocking the Cavernous Sinus & 2) Far-lateral

Transcondylar Skull Base Approach. Baylor College of Medicine. June 10, 2017. Houston, Texas.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamental Skills Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 7-8, 2017.

Faculty and Panelist. Main Topic Session: “Cerebrovascular Bypass”. World Federation of Neurosurgical Societies, XVI World Congress of Neurosurgery, August 20-25, 2017, Istanbul, Turkey

Moderator. Plenary Session. M. Gazi Yasargil 50 Years in Microneurosurgery. World Federation of Neurosurgical Societies, XVI World Congress of Neurosurgery, August 20-25, 2017, Istanbul, Turkey

Moderator and Faculty. Breakfast Seminars: Giant Aneurysms. World Federation of Neurosurgical Societies, XVI World Congress of Neurosurgery, August 20-25, 2017, Istanbul, Turkey

Faculty. 3D Video Presentations World Federation of Neurosurgical Societies, XVI World Congress of Neurosurgery, August 20-25, 2017, Istanbul, Turkey

Moderator, Vascular Abstract Session. 79th Annual Scientific Meeting of the American Academy of Neurological Surgery. September 13-16, 2017. Santa Barbara, CA.

Chair. Symposium 2 Forefront of Acute Ischemic Stroke Treatment in Japan 13th ICVS Conference. Nagoya, Japan. October 28, 2017.

Chair and Speaker. Session 4: Extra Cranial – Intracranial Bypass (USA experience). 13th ICVS Conference Nagoya Japan. Nagoya, Japan October 28, 2017.

Chair and Speaker. Session 14: Surgical Anatomy of Complex Vascular Lesions. 13th ICVS Conference. Nagoya Japan, October 29, 2017.

Faculty, “How to Safely Operate: In, Through, and Around the Cavernous Sinus: Hands-On Cadaver Workshop with Live Surgery and Life-Like Simulation”, Arkansas Neuroscience Institute, Little Rock, Arkansas October 12-15, 2017.

Presenter. Importance of Anatomy in the Treatment of So-called Inoperable Brain Tumors. Clinical Perspectives in Neurosurgery Webinar Series of UW Health. WEBINAR. 2017.

Faculty, Laboratory: Hands-On Dissection Classes. Allegheny General Hospital – 11th Annual Microscopic/Endoscopic Skull Base Surgery Course and Vascular Bypass Lab, Pittsburgh, Pennsylvania November 15-18, 2017

Moderator, Anterior Cranial Fossa: Complication Avoidance and Case Presentations. Lunch Seminar 2.5 Hours Series Presentations. Allegheny General Hospital – 11th Annual Microscopic/Endoscopic Skull Base Surgery Course and Vascular Bypass Lab, Pittsburgh, Pennsylvania November 15-18, 2017

Presenter, Posterior Circulations Aneurysms/Complications and Avoidance, Allegheny General Hospital – 11th Annual Microscopic/Endoscopic Skull Base Surgery Course and Vascular Bypass Lab, Pittsburgh, Pennsylvania November 15-18, 2017

Faculty, The Fourth Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine Center for Innovations. Aurora, CO March 14-17, 2018

Invited Faculty, 1st Rhoton Society Meeting, & the International Symposium on Microneurosurgical Anatomy (ISMA). Tianjin, China July 1, 2018

Invited Faculty, International Endoscopic and Skull Base Surgery Conference — Lake Forum “Surgical Video Session: Intrinsic Tumor” The 7th International Symposium on Microneurosurgical Anatomy. ‘1st Rhoton Society Meeting. Tianjin, China July 1, 2018

Faculty, SNS Bootcamp. Rosemont IL July 13-14, 2018

Invited Faculty, ICCVS, IMS, Prague Neurosurgical Week 2018. Prague, Czech August 30, 2018

Director, First Midwest Microsurgery and Microvascular Anastomosis Course. University of Wisconsin. Madison, WI September 8, 2018.

Speaker, Cerebrovascular and Skull Base Symposium at the Brigham and Women’s Hospital. Boston, Massachusetts September 22, 2018

Speaker, Congress of Neurological Surgeons. Houston, Texas October 6, 2018

Faculty, Endovascular and Vascular Techniques Course for Senior Residents. MERI Lab, Memphis, Tennessee October 12, 2018

Invited Faculty and Speaker, EANS Training Course. Dubrovnik, Croatia October 16, 2018

Director, Department of Neurological Surgery, “Neuroanatomy “Hands-On” Dissection & Introduction to Neurosurgery” Neuroscience Interest Group-UW Madison, UW School of Medicine & Public Health, Madison, WI. November 5, 2018

Speaker, Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. Istanbul, Turkey November 23- 25, 2018

Invited Faculty and Speaker, Spetzler Microneurosurgery Course: Posterior Approaches, Anatomy & Techniques, Barrow Neurological Institute. Phoenix, Arizona January 10-11, 2019

Visiting Professor, University of Washington 7th annual course. Seattle, WA January 24-27, 2019

Faculty and Speaker, 29th Annual North American Skull Base Society Meeting. Orlando, FL, February 15-17, 2019.

Visiting Professor, Mayo Clinic, Rochester, Minnesota, February 27 and 28, 2019.

Moderator, The Evandro de Oliveira Symposium. Mastery and Legacy in Neuroanatomy and the Surgery of Cerebrovascular Lesions, Complex Brain Tumors and Epilepsy, 2019 AANS Annual Scientific Meeting San Diego, CA; April 11, 2019.

Panelist, Breakfast Seminar 116. Anticoagulation for the Neurosurgeon and Hemostasis in Neurosurgery, 2019 AANS Annual Scientific Meeting Los Angeles, CA; April 15, 2019.

Visiting Professor, University of West Virginia. Pittsburgh, PA; April 18-19, 2019.

Director, “Microsurgery Reunion (Case Studies)”. University of Wisconsin, Madison, WI May 3, 2019

Director, The Eleventh Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 4, 2019.

Faculty and Speaker. Arkansas Neuroscience Institute Grand Opening Symposium, Little Rock, Arkansas June 15-16, 2019.

Faculty, Society of Neurological Surgeons, Neurosurgical Boot Camp “Fundamentals of Neurosurgery Course” for PGY1 Neurosurgery Residents. Chicago, Illinois, July 19-20, 2019.

Guest Faculty and Speaker, Evandro de Oliveira Cavernous Sinus Course, Little Rock, Arkansas August 24-27, 2019.

Faculty and Speaker, Inaugural Carle Illinois Microsurgery and Endoscopic Hands-On Course, University of Illinois, Urbana-Champaign, IL, August 30-31, 2019.

Invited Faculty and Speaker, Neuroanatomy and Cadaveric Dissection Course for Medical Students of University of Illinois Champaign-Urbana, Urbana-Champaign, IL, August 30, 2019.

Director, Second Annual Midwest Microsurgery and Microvascular Anastomosis Course. University of Wisconsin. Madison, WI September 14, 2019.

Speaker, the 81st Annual Meeting of the American Academy of Neurological Surgery, Rome, Italy, September 18- 21, 2019.

Speaker, The European Association of Neurosurgical Societies, Technology, Techniques, Training and Transparency, Dublin, Ireland, September 24-28, 2019.

Speaker, 5th Cerebrovascular and Skull Base Symposium at the Brigham and Women's Hospital. Boston, Massachusetts October 5, 2019

Faculty and Speaker, Brain Tumor Update: Benign Brain Tumors Symposia, Congress of Neurological Surgery (CNS), San Francisco, CA October 19-23, 2019.

Director, Department of Neurological Surgery, "Neuroanatomy "Hands-On" Dissection & Introduction to Neurosurgery" Neuroscience Interest Group-UW Madison, UW School of Medicine & Public Health, Madison, WI. October 15, 2019

Faculty and Speaker, 3D Surgical Neuroanatomy Symposia, Congress of Neurological Surgery (CNS), San Francisco, CA October 19-23, 2019.

Speaker, Adult Advisory Council Meeting, Madison, WI, October 22, 2019

Speaker, Bellin Hospital, Talk to Neurologist group, Green Bay, WI, November 5, 2019

Speaker, UW-Neurosurgery Grand Rounds, Madison, WI, November 6, 2019

Speaker, Emergency Provider Meeting, Dubuque, IA, November 20, 2019

Invited Guest, 28th Annual Meeting of Henan Province Neurosurgical Societies, Zhengzhou, China, December 13-15, 2019.

Speaker, Bypass 2020 Anniversary Symposium, Semi-centennial of Brain Bypass Symposium, University Hospital Zurich, Switzerland, January 8-10, 2020

Faculty and Speaker "Special Session 6: Hearing and Cranial Nerve Rehabilitation in Acoustic Neuroma Surgery"

Panelist "Expert Debate 6: Hearing and Cranial Nerve Rehabilitation in Acoustic Neuromas"

Moderator "Video Session 4: Petroclival Meningiomas Surgery", Abstract Moderator, NASBS 30th Annual Meeting, San Antonio, Texas, February 7-9, 2020

Faculty and Speaker, AVM Surgery, UW-Neurosurgery Professor Rounds, Madison, WI, March 27, 2020

Faculty and Speaker, Microsurgery in the new era: complex skull base tumors. Curso Internacional de Neurocirugía Vascular y Endovascular CINVAE 2020, Mexico Webinar. April 23, 2020

Faculty and Speaker, The Role of Microanastomosis and Bypass in Endovascular Era: Where are we standing? Neurosurgical.TV, Neurosurgery Coach and Asian Medical Students & Residents Society of Neurosurgery (AMSRS) Webinar. April 25, 2020

Faculty and Speaker, The Role of Microanastomosis and Bypass in Endovascular Era; The Role of Bypass Surgery in the Endovascular Era. Gazi University Webinar. April 25, 2020

Faculty and Speaker, Anterior, Middle Third Ventricular & Thalamic Tumors, UW-Neurosurgery Professor Rounds, Madison, WI, April 28, 2020

Faculty and Speaker, Operating on So-called Inoperable Brain Tumors: Role of Neuroanatomy, Neurosurgical.TV, Neurosurgery Coach and Asian Medical Students & Residents Society of Neurosurgery (AMSRS) Webinar. May 9, 2020

Faculty and Speaker, Microsurgery of Arteriovenous Malformations: Technical Nuances, Neurosurgical.TV, Neurosurgery Coach and Asian Medical Students & Residents Society of Neurosurgery (AMSRS) Webinar. May 23, 2020

Faculty and Speaker, Is Micro-neurosurgery dying? Microsurgery versus ultra-microsurgery, UW-Neurosurgery Professor Rounds, Madison, WI, May 27, 2020

Moderator, Surgery for Arteriovenous Malformations. Master Symposium Webinars and International Society of Craniovertebral Junction and Spine. May 28, 2020

Director, Microsurgery Resurgence Webinars, July 11, 2020

Faculty and Speaker, Preoperative AVM embolization: It is almost never needed, University of Miami Neurosurgical Cerebrovascular and Skull Base Programs Webinars, July 23, 2020

Faculty and Speaker, Surgical Treatment of Arteriovenous Malformations: Microsurgical Technique and Nuances, The Neurosurgical Atlas by Dr. Aaron Cohen-Gadol Webinar, July 27, 2020

Faculty and Speaker, Translabyrinthine Approach for Optimizing Facial Nerve Outcome in Vestibular Schwannomas, Pakistan Neurosurgery Society Webinar, August 5, 2020

Visiting Professor, Role of Neuroanatomy in Surgical treatment of Complex Intracranial Pathologies, University of Oklahoma Virtual Grand Rounds, August 7, 2020

Director, Microsurgery Resurgence Webinars, August 8, 2020

Faculty, Speaker, Anatomy and Surgery of Anterior Cerebral Artery Aneurysms, Cerebrovascular Samurais, 2nd Rhoton Society Virtual Meeting & 8th International Zoomposium on Microneurosurgical Anatomy, September 11, 2020

Faculty, Speaker and Moderator, A Journey of One Thousand Miles in Cerebral Bypass— From Laboratory Training to Complex Vascular and Neoplastic Cases, Bypass Surgery, 2nd Rhoton Society Virtual Meeting & 8th International Zoomposium on Microneurosurgical Anatomy, September 12, 2020

Invited Lecturer, Role of Neuroanatomy on Skull Base Surgery. Ministry of Health, Republic of Uzbekistan, Samarkand State Medical Institute. Webinar, September 12, 2020

Faculty and Panelist, The Inseparable Twins: Cerebrovascular and Skull Base Surgery, 2nd Rhoton Society Virtual Meeting & 8th International Zoomposium on Microneurosurgical Anatomy, September 19, 2020

Speaker, Anatomy, Techniques and Career Planning in Neurosurgery, Mayo Clinic- Circle of Willis, September 24, 2020

Speaker, Anterior Skull Base Meningiomas Classification and Microsurgical Techniques for Resection, Dakar International Webinar, October 10, 2020

Speaker, Don't fit into your own shell! Micro-surgery advice from forever assistant / fellow, İZMİR On-line Neurosurgery, October 17, 2020

Speaker, Open Surgery for Brain Metastasis, UW- Madison Inaugural Multidisciplinary CNS Metastasis Update, October 17, 2020

Speaker, Microsurgical Treatment of PICA and Vertebro-basilar Junction Aneurysms, Asian Congress of Neurological Surgeons (ACNS) Webinar, October 24, 2020

Speaker, Doing Complex Brain Surgeries with A-Team, Wisconsin State Assembly of Surgical Technologists (AST) Webinar, October 24, 2020

Speaker, Operating on So-called Inoperable Gliomas, UW-Neurosurgery Grand Rounds, Madison, WI, November 4, 2020

Speaker, Translabyrinthine approach for optimizing facial nerve outcome in vestibular schwannoma treatment, Neurosurgery Department, National Brain Center, Jakarta – Indonesia Webinar, November 7, 2020

Speaker, Posterior Petrosal Approach, Acibadem University, Online Skull Base Course - Masters with Turkish Rhoton Fellows, November 14, 2020

Faculty, Panelist, and Speaker, Orbitozygomatic Approaches to Middle Fossa and Cavernous Sinus, North American Skull Base Society (NASBS), Virtual Skull Base Workshop, November 18, 2020

Visiting Professor, Current State of Open Vascular Neurosurgery in Endovascular Era, Marmara University Medical School, Department of Neurosurgery Webinar, November 22, 2020

Invited Faculty, Panelist, and Speaker, Approach to Cerebral Aneurysms, WFNS Neurosurgical Anatomy Webinars, December 2, 2020

Invited Faculty and Lecturer, Is Neurosurgery Rocket Science? Daily Physics of Neurosurgery, Second International Congress of Neuroscience in Conjunction with AANS, ENMS, IPN, MSC & UNESCO; “The World of Neurosurgery in Your Fingertips” Webinar, December 19, 2020

Director and Speaker, Vestibular Schwannoma Surgery: Truth Told, Microsurgery Resurgence Webinars, December 19, 2020

Speaker, Complications avoidance and management in cerebrovascular surgery, Turkish Neurosurgery Association-Neurovascular Surgery Education and Training Group, January 16, 2021

Moderator, Panelist, and Speaker, To embolize or not to embolize: that is the question for arteriovenous malformations, The Journal of Neurosurgery; JNS Journal Club, Neurosurgical Focus- January 2021 Video; Posterior fossa arteriovenous malformations, January 26, 2021

Director and Speaker, Microsurgical Management of Midbrain Gliomas: Truth Told, Microsurgery Resurgence Webinars, January 30, 2021

Speaker, Contemporary Neurosurgical Approach To Unruptured Intracranial Aneurysms, Nervous System Surgery; Vascular Neurosurgery Symposium, February 6, 2021

Speaker, Microsurgery Training in Neurosurgery: Practical Tips in the Laboratory and Operating Room, İZMİR On-line Neurosurgery, February 6, 2021

Speaker, Clippology with the Masters, Barrow Neurological Institute, February 16, 2021

Speaker, Posterior Circulation Aneurysms, 7th WFNS Foundation ACNS Winter WEB Seminar, February 20, 2021

Director and Speaker, Exact Clipping of Aneurysms and Reconstruction of Complex Aneurysms: Truth Told, Microsurgery Resurgence Webinars, February 27, 2021

Speaker, Microsurgical Technique and Nuances in Cerebral AVMs, UW-Neurosurgery Grand Rounds, Madison, WI, March 3, 2021

Speaker, Surgical Treatment of Complex Aneurysms in Endovascular Era, WFNS Neurosurgical Anatomy 9th Webinar, March 23, 2021

Speaker, Microsurgical Technique and Nuances in Cerebral AVMs, Ain Shams University; Neurosurgery Webinar Series, April 10, 2021

Moderator and Speaker, Tricks in Microsurgical Treatment of Vestibular Schwannomas, International Basic Neurosurgery Course (IBNC) Webinar V; The Tricks of Microneurosurgery, April 17, 2021

Speaker, Training and Career Planning on Abroad, Ankara university, April 24, 2021

Speaker, Approaches to The Thalamic Gliomas: Pitfalls and Surgical Tricks, II. White Matter Dissection Course and Surgery of Gliomas, Acıbadem University, Masters with Turkish Rhoton Fellows Group, May 8, 2021

Director and Speaker, Pterional Approach, Orbitozygomatic Approach, Anterior Clinoidectomy, and Unlocking the Cavernous Sinus, The 13th Annual Wisconsin Skull Base Course, Session 1, May 15, 2021.

Speaker, Dealing with Vascular Encasement in Skull Base Surgery, University of Miami Cerebrovascular and Skull Base International Symposium, May 20, 2021.

Director and Speaker, Far Lateral Transcondylar Approach, The 13th Annual Wisconsin Skull Base Course, Session 2, May 29, 2021.

Speaker, Complication avoidance and management of cerebral aneurysms, Cerebrovascular Committee of WFNS; Webinar # 40: Cerebral Aneurysms & AVMs, June 4, 2021.

Speaker, Operating on So-Called Inoperable Gliomas, the Neurosurgical Atlas, June 7, 2021.

Speaker, Microneurosurgery Training from Lab to Operating Room: Tips and Advices, ACNS-YNS Monthly Education Webinar for YNS, June 13, 2021.

Speaker, Neurosurgery as a Career Goal, İzmir On-line Neurosurgery, July 3, 2021.

Director & Moderator, Professor Dr. Mahmut Gazi Yaşargil; Father of Microneurosurgery, “The Impact of the Micro-surgery”, Session 1, Microsurgery Resurgence Webinars, July 6, 2021.

Director & Moderator, Professor Dr. Mahmut Gazi Yaşargil; Father of Microneurosurgery, “The Impact of the Micro-surgery”, Session 1, Microsurgery Resurgence Webinars, July 10, 2021.

Speaker, How to Safely Resect Cerebral Arteriovenous Malformations: Microsurgical Tips. Juha's China Neurosurgery Grand Rounds, July 23, 2021.

Speaker, Set Your Goals High in Microsurgery of Vestibular Schwannomas: Translabyrinthine Approach for Facial Nerve Functional Preservation, Juha's China Neurosurgery Grand Rounds, July 30, 2021.

Speaker, Glioblastoma Neurosurgery Perspective, University of Illinois, Urbana-Champaign, July 31, 2021

Speaker, Cerebrovascular Neurosurgery: How to start a practice, AANS - CAANS - PANS, Intercontinental Neurosurgical Summit, August 13, 2021.

Speaker, Microneurosurgical Case and Video Presentation, UW M1, M2 students teaching session, August 26, 2021

Speaker, Transsylvian Resection of Insular Gliomas: Preservation of the Normal Anatomy and Function, 2nd Annual Neuro-Oncology Symposium; Pakistan Society of Neuro-Oncology, August 28, 2021

Faculty and Speaker, Transcavernous Hakuba/Dolenc approach, Cerebrovascular and Skull Base Course, Stryker Learning Center, Salt Lake City, UT, September 10, 2021

Faculty and Speaker, Midline/Paramedian/Lateral variants of Supracerebellar approach, Cerebrovascular and Skull Base Course, Stryker Learning Center, Salt Lake City, UT, September 11, 2021

Faculty and Speaker, Training for Microvascular Anastomosis, Cerebrovascular and Skull Base Course, Stryker Learning Center, Salt Lake City, UT, September 12, 2021

Visiting Professor and Speaker, Microneurosurgery for complex vascular pathologies in endovascular era, University of Tennessee Health Science Center, September 27, 2021.

Speaker, Surgical approaches to intraventricular tumors, Uzbekistan Neurosurgical webinar, October 9, 2021

Speaker, Neurosurgery as a career goal, Turgut University, Turkey, October 23, 2021

Faculty and Speaker, The 6th Annual Course for microscopic and endoscopic Approaches to the Skull Base, University of Colorado School of Medicine, Denver, CO, November 3-6, 2021

Co-host and Speaker, Microneurosurgery, Medical Student Neurosurgery Exposure Conference for University of Wisconsin and Medical College of Wisconsin Medical Students, November 13, 2021

Visiting Professor and Speaker, Infratentorial cavernomas: surgical management, Division of Neurosurgery, Toronto Western Hospital, UHN, November 19, 2021

Speaker, Microsurgical Treatment for Lateral Ventricle tumors, Federal Centre of Neurosurgery, Ministry of Health of Russian Federation, November 19, 2021

Speaker, Transpetrosal Approaches for Skull Base Lesions, EWNC Academy Skull Base Congress, December 11, 2021

Director & Moderator, Fady Charbel, "Bypass for Moyamoya Disease: The Art and the Logic". Microsurgery Resurgence Webinars, December 18, 2021.

Speaker, Residency educations in different countries and the experiences gained from neurosurgery, Turkish Medical Students Association, January 8, 2022.

Director & Moderator, Jacques Morcos, "Bypass Surgery: Truth be told, the physiology is harder than the skill", Microsurgery Resurgence Webinars, January 22, 2022.

Speaker, Ultra Microsurgical Resection of Deep-Seated Eloquent Gliomas: Preservation of Normal Anatomy and Function, Cerebrovascular and Skull Base Symposium at Brigham and Women's' Department of Neurosurgery Grand Rounds, February 16, 2022

Faculty and Speaker, Posterior fossa complications, North American Skull Base Society Phoenix, Arizona. February 18, 2022.

Faculty and Speaker, Transcranial approaches to trigeminal schwannomas, North American Skull Base Society Phoenix, Arizona. February 18, 2022.

Speaker, "Microsurgery for Thalamic Gliomas", UW School of Medicine and Public Health, Department of Neurological Surgery Grand Rounds, Madison, Wisconsin, March 9, 2022.

Speaker, "Microsurgery versus Ultra-Microsurgery", 6th Annual meeting of EWNC academy Webinar, Cairo, Egypt, March 19, 2022.

Visiting Professor, "Introduction, Meeting with Neurosurgery Residents", Cedars Sinai Dept of Neurosurgery Visiting Professors Virtual Lecture Series. Los Angeles, California, April 22, 2022

Faculty and Panelist, "Roberto Heros as Skokunin: Lessons of Wisdom, Courage, and Responsibility", Heros Symposium; Courage of Mastery in Cerebrovascular/ Skull Base Surgery, AANS Philadelphia 2022, Philadelphia, Pennsylvania, April 28, 2022

Faculty 3D Session-Operative Nuances I: Difficult Cases: What Have We Learned?", AANS Philadelphia 2022, Philadelphia, Pennsylvania. April 30, 2022

Faculty and Speaker, "Surgical Treatment of Thalamic High Grade Gliomas: Indications and Limitations", AANS/CNS Section on Tumors Section Session, AANS Philadelphia 2022, Philadelphia, Pennsylvania, May 1, 2022

Faculty and Speaker, "AVM Surgery: Surgical Principles, Illustrations of Complications and Lessons Learned", Dinner Symposium: Serving Knowledge Series 402 Complex Cranial Surgery - "Advanced Approaches and Complication Avoidance/Management", AANS Philadelphia 2022, Philadelphia, Pennsylvania, May 1, 2022

Faculty and Speaker, "Blister Aneurysms Should Be Treated with Microsurgery", Neurosurgical Community 507 Cerebral Aneurysms, Sessions II- "Point-Counterpoint: Treatment of blister aneurysms.", AANS Philadelphia 2022, Philadelphia, Pennsylvania, May 2, 2022.

Faculty and Panelist, "Treatment of Giant and Fusiform Aneurysms", Neurosurgical Community 507 Cerebrovascular, Sessions II- Panel I AANS Philadelphia 2022, Philadelphia, Pennsylvania, May 2, 2022.

Speaker, A Lifestyle: Neurosurgery, Gazi University Faculty of Medicine, May 2, 2022.

Director, Microsurgery Reunion. University of Wisconsin, Madison, WI, May 20, 2022

Director, The 14th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 21, 2022

Speaker, Surgical and Non-surgical Treatment Modalities of Intracranial AVMs: Decision Making on Treatment Options, ACNS YNS Webinar, June 12, 2022

Speaker and Faculty, Microneurosurgery of Insular Glioma, Hands-on on Microneurosurgery and White Matter Anatomy relevant for Brain Tumors, Epilepsy and AVM: the Zurich School, 13th Hands-On Cadaver Course, Zurich, Switzerland, June 21, 2022

Speaker, Maximal Safe Resection in Thalamic Gliomas improves survival: Single-Center Experience, Society of University Neurosurgeons, Prague, CZ, July 3, 2022

Speaker, The role of microneurosurgery for treatment of posterior circulation aneurysms in the modern endovascular era, Neurosciences Grand Rounds, Department of Neurosurgery, Saint Louis University, July 13, 2022

Invited Faculty and Speaker, FTOZ Approach/Clinoidectomy, (Aziz Annual Lecture), 2nd Annual Carle Illinois Microsurgery and Endoscopic Hands-On Course, Hands-On Dissection Microsurgical Approaches Cadaveric Dissection, University of Illinois Urbana-Champaign. Urbana, IL August 26, 2022

Faculty and Speaker, When I use Transcavernous Approaches, Evandro de Oliviera Cavernous Sinus Course: How to safely operate: in, through and around the cavernous sinus: Hands-on Cadaver Workshop & Life-Like Simulation. 9/12/2022 Little Rock, Arkansas, September 12, 2022

Speaker, Trans-sylvian Microsurgical Resection of Insular Gliomas: Preservation of the Normal Anatomy, China Neurosurgical Journal Webcast, September 18, 2022

Invited Faculty and Speaker, Translabyrinthine Approach for Optimal Facial Function in Large Vestibular Schwannomas, Taiwan Skull Base Society, Taipei, Taiwan, September 18, 2022

Director, Semi-Annual Course for Microsurgical Hands-on Dissection and Lectures. UWSMPH, Madison, Wisconsin, September 24, 2022

Invited Speaker, Microsurgical Resection of carotid Body paraganglioma. 3D Surgical Video, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

Invited Speaker, Trapping and Interposition Bypass for PICA dissecting aneurysm. 3D Surgical Video, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

Invited Speaker, Microsurgical gross total resection of the Facial nerve Schwannoma with sural nerve interposition graft. 3D Surgical Video, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

Invited Speaker, Microsurgical gross total resection of large foramen magnum meningioma via far-lateral approach: dissection and preservation of encased posterior spinal artery and lower cranial nerves. 3D Surgical Video, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

Invited Speaker, Two-stage gross total resection of very large vestibular schwannoma. 3D Surgical Video, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

Invited Speaker, Aggressive microsurgery: Refining the technique and learning from mistakes, University of Miami Cerebrovascular and Skull Base International Symposium, Surgical management of acoustic neuromas Zoomposium, October 13, 2022

Invited Speaker, Embolize or not to embolize AVMs before microsurgical removal?, Asian Congress of Neurological Surgeons, October 30, 2022

Invited Speaker, Microsurgical Treatment of Brain Aneurysms in Endovascular Era, Brain Aneurysm Awareness Conference, Pakistan, November 5, 2022

Co-host and Speaker, Introduction to Micro-neurosurgery, Medical Student Neurosurgery Exposure Conference for University of Wisconsin and Medical College of Wisconsin Medical Students, November 12, 2022

Invited Faculty and Speaker, Far Lateral Approach, The 7th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base, University of Colorado School of Medicine, Denver, CO, November 16-19, 2022.

Invited Faculty and Speaker, Far Lateral Approach Hands-on Cadaveric Dissection, The 7th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base, University of Colorado School of Medicine, Denver, CO, November 16-19, 2022.

Invited Faculty and Speaker, Lunch and Case presentations-15 minutes, The 7th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base, University of Colorado School of Medicine, Denver, CO, November 16-19, 2022.

Invited Faculty and Speaker, Cerebrovascular issues in skull base lesions, The 7th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base, University of Colorado School of Medicine, Denver, CO, November 16-19, 2022.

Keynote Speaker, State of Microneurosurgery in Treatment of Complex Vascular Pathologies, South Carolina Neurosurgical Society Meeting, Kiawah Island, South Carolina, December 2-4, 2022

Keynote Speaker, Translab Approach for Optimizing Facial nerve Outcome in Vestibular Schwannoma Surgeries, South Carolina Neurosurgical Society Meeting, Kiawah Island, South Carolina, December 2-4, 2022.

Faculty Speaker, "The Atlas 3D Session: Challenging operative moments (Non- CME Session), AANS 2023, Neurosurgeon as advocates, Los Angeles, California, April 22-23, 2023

Invited Speaker, "Surgical Strategies for Cerebrovascular Revascularization in Cases with Limited Bypass Conduit Options and Unexpected Intraoperative Difficulties", The 36th Annual Scientific Congress of The Turkish Neurosurgery Association- April 27-30, 2023.

Invited Speaker, “Vascular Problems in Skull Base and Intracranial Tumor Surgery”, The 36th Annual Scientific Congress of The Turkish Neurosurgery Association- April 27-30, 2023.

Invited Speaker, “Neurosurgery Training at University of Wisconsin-Madison”, The 36th Annual Scientific Congress of The Turkish Neurosurgery Association- April 27-30, 2023.

Invited Speaker, “Neuroanatomy Session: Surgical Approaches and Techniques-3D Surgical Videos”, The 36th Annual Scientific Congress of The Turkish Neurosurgery Association- April 27-30, 2023.

Moderator, “First Experiences with the Aesculap AEOS Robotic-assisted Digital Microscope”, The 36th Annual Scientific Congress of The Turkish Neurosurgery Association- April 27-30, 2023.

Invited Speaker, “Acoustic Neuroma Treatment”, Society of Neurosurgeons of Gujarat- May 13, 2023

Director, The 15th Annual Microsurgery Reunion. University of Wisconsin, Madison, WI, May 19, 2023

Director, The 15th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 19-20, 2023

Guest Faculty, “Fifth Nerve Schwannoma”, The Evandro de Oliveira Cavernous Sinus Course, June 24-27, 2023, Little Rock, Arkansas

Guest Faculty, “2D and 3D Video Demonstration”, The Evandro de Oliveira Cavernous Sinus Course, June 24-27, 2023, Little Rock, Arkansas

Invited Faculty, “Optimizing the Facial Nerve Outcome in Complex Vestibular Schwannomas”, The 7th FEN Sapporo Live Microneurosurgery Course in Cerebrovascular and Skull Base Surgery, July 9-13, 2023, Sapporo, Japan

Faculty Speaker, 3rd Annual Meeting of International Rhoton Society (IRS), Istanbul, Turkey, August 22-24, 2023.

Moderator, “Future of Microneurosurgery”, Session III - Future of Microneurosurgery Symposium, Istanbul, Turkey, August 25, 2023.

Moderator, “Semi-Sitting Position in Neurosurgery”, Session I - Semi-Sitting Position in Neurosurgery Symposium, Istanbul, Turkey, August 26, 2023.

Faculty, “Triumphs—Brainstem cavernoma” Cerebrovascular and Skull Base Symposium at the Brigham and Women’s Hospital, Boston, Massachusetts, September 27, 2023

Faculty, 3D Surgical Neuroanatomy Session, Congress of Neurological Surgeons, Washington, D.C., September 9, 2023.

Director, Annual Microsurgery and Microvascular Anastomosis Course, Microsurgical Hands-on Dissection and Lectures, UWSMPH, Madison, Wisconsin, October 07, 2023

Co-host and Speaker, Microneurosurgery, Medical Student Neurosurgery Exposure Conference for University of Wisconsin and Medical College of Wisconsin Medical Students, October 28, 2023

Faculty, 8th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Course, University of Colorado, November 9-11, 2023

Faculty, Resident Skull Base Course, Washington University School of Medicine, St Louis Missouri- December 1-2, 2023

Moderator, Turkish Neurosurgery Association Neuro-Oncology Online Case Meetings, Istanbul, December 20, 2023

Co-director, Arkansas Neuroscience Institute 2nd Annual Live Microneurosurgery Course, Little Rock, Arkansas, March 2-7, 2024

Visiting Professor, Columbia University, Neurosurgery Grand Rounds, New York, March 28, 2024

Faculty, "The Atlas 3D Session: Operative Nuances II: Challenging Operative Moments During Microsurgery, AANS 2024, What Matters, Chicago, Illinois, May 3-6, 2024

Faculty, Selection of Surgical Approach in Vestibular Schwannomas, 4th Annual Wisconsin Primary CNS Malignancy Symposium, University of Wisconsin, Madison, WI, May 10, 2024

Director, The 16th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 17-18, 2024

Scientific Program Chair, 1st Congress of Yasargil Microneurosurgery Academy, Istanbul, Türkiye, June 4-7, 2024

Moderator, Session I and XII, 1st Congress of Yasargil Microneurosurgery Academy, Istanbul, Türkiye, June 4-7, 2024

Faculty, The 8th FEN Sapporo Live Microneurosurgery Course in Cerebrovascular and Skull Base Surgery, July 7-11, 2024, Sapporo, Japan

Director, Annual Microsurgery and Microvascular Anastomosis Course, Microsurgical Hands-on Dissection and Lectures, UWSMPH, Madison, Wisconsin, September 21, 2024

Honored Guest, The 29th Annual Meeting of the Japanese Brain Tumor Surgery. October 4-5, 2024, Kochi, Japan.

Co-host and Speaker, Microneurosurgery, Medical Student Neurosurgery Exposure Conference for University of Wisconsin and Medical College of Wisconsin Medical Students, Madison, Wisconsin, October 26, 2024

Keynote Speaker, University of Wisconsin 10th Annual Plastics Microsurgery Training Course, Madison, Wisconsin, October 25-26, 2024

Distinguished Guest Speaker, 4th International Rhoton Society Conference, Taipei, Taiwan, November 5-7, 2024

Moderator, 4th International Rhoton Society Conference, Taipei, Taiwan, November 5-7, 2024

Invited Speaker, 17th Asian Australian Congress of Neurological Surgeons (AACNS), Kaohsiung, Taiwan, November 7-10, 2024

Visiting Professor, Department of Neurosurgery Ground Rounds, University of South Carolina, Charleston, South Carolina, December 3, 2024

Visiting Professor, Department of Neurosurgery Ground Rounds, RUSH University, Chicago, Illinois, February 4-5, 2025

Speaking Engagements and Invited Lectures

“Pathophysiology and Animal Models of Cerebral Ischemia”. Invited Lecturer in the Department of Neurosurgery, University of Illinois at Chicago, November 27, 1996

“Brain Protection During Cerebrovascular Surgery: Lessons Learned from Laboratory”. Invited Lecturer in the Department of Neurosurgery, Sevgi Hospital, Ankara, Turkey, January 3, 1997

“Complications and Intensive Care After Carotid Endarterectomy”. Invited Lecturer in the Department of Neurosurgery, Sevgi Hospital, Ankara, Turkey, January 4, 1997

“Pathophysiology and Management of Traumatic Brain Injury: Mini-Review”. Invited lecturer in the Department of Neurosurgery, Ankara University School of Medicine, Ankara, Turkey, June 10, 1998

“Surgical Anatomy and Surgical Treatment of the Aneurysms of the Supraclinoid Internal Carotid Artery” Department of Neurological Surgery, University of Miami, Miami, Florida, August 23, 2001 (*Grand Rounds*)

“Intracranial Dural Arteriovenous Fistulas”. Invited Lecturer in the Department of Neurology Grand Rounds, University of Miami. October 21, 2005.

“Two-piece Orbitozygomatic Approach” North American Skull Base Society 17th Annual Meeting Pre-Meeting Course. Phoenix, Arizona. February 16, 2006

“Microsurgical Approaches to Intrinsic Brain Lesions Based on Neuroanatomy. Case Presentations”. Invited Speaker in 6th Annual Rosomoff Research Day, University of Miami, Miami, FL, June 10, 2006.

“Is there any no man land left in the brain and skull base? Microsurgical neuroanatomy based intracranial microsurgery for tumors involving the skull base and intrinsic brain regions”. Invited speaker in A Seminar on the Neurosurgical Aspects of the Multidisciplinary Brain Tumor Program. University of Wisconsin, Madison, WI August 3, 2006

“Introduction to Skull Base Surgery” Invited speaker in American Association of Neuroscience Nurses, University of Wisconsin, Madison, WI, October 18, 2006

“Microsurgical Treatment Strategies in Difficult Access Tumors Involving Skull Base and Intrinsic Brain Regions” Invited speaker in Brain Tumor Support Group, University of Wisconsin Hospital and Clinics, Madison, WI, November 21, 2006

“Importance of Neuroanatomy in Training for Microneurosurgery”. Invited speaker in Resident Education Session in 21st Turkish Neurosurgical Society Scientific Congress, Antalya, Turkey, April 20-24, 2007.

“The role of Microsurgery in Cerebrovascular Surgery in the Present and Future”. Invited speaker in 21st Turkish Neurosurgical Society Scientific Congress, Antalya, Turkey, April 20-24, 2007.

“Microneurosurgical Approaches to the Skull Base Based on Neuroanatomy: Is there any no man land left in the brain and skull base?” Invited speaker in 21st Turkish Neurosurgical Society Scientific Congress, Antalya, Turkey, April 20-24, 2007.

“Cerebrovascular Surgery Cases Video Presentation”. Masters Video Session in 21st Turkish Neurosurgical Society Scientific Congress, Antalya, Turkey, April 20-24, 2007

“Intracranial Tumor Cases Video Presentation”. Masters Video Session in 21st Turkish Neurosurgical Society Scientific Congress, Antalya, Turkey, April 20-24, 2007.

“Principals of Microneurosurgery”. Department of Neurological Surgery Grand Rounds. University of Wisconsin, Madison, WI. December 12, 2007.

“Surgical Strategies in Microneurosurgery: Lessons Learned”. Invited Lecturer in 20th Prof. Nurhan Avman Lecture. Ankara University School of Medicine, Ankara Turkey, March 8, 2008.

“Post-auricular Transtemporal Approaches-Neurosurgical Perspective”, Pre-meeting Course, 19th Annual Meeting of North American Skull Base Society, Vancouver, Canada, September 10th, 2008

“Orbitozygomatic Approach”, Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin and Medical College of Wisconsin. Madison, Wisconsin February 7, 2009.

“Combined Transtemporal Approaches”, Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin and Medical College of Wisconsin. Madison, Wisconsin February 7, 2009.

“Far-lateral Transcondylar Approach”, Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin and Medical College of Wisconsin. Madison, Wisconsin February 7, 2009.

“Introduction to Neuroanatomy based Microneurosurgery”. Neuroscience Interest Group Presentation. University of Wisconsin, Medical School. March 10, 2009. Madison, Wisconsin.

“Blood Blister-like Aneurysms of the Supraclinoid Internal Carotid Artery”. Breakfast Sessions. Diagnosis and Management of Vascular Lesions in the Severe Trauma Patient: Dissections, Pseudoaneurysms and Vasospasm. XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Boston, USA. August 30-September 4, 2009.

“Infratentorial Supracerebellar Transtentorial Approach to Posterior Medio-basal Temporal Region. Video Session. XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Boston, USA. August 30-September 4, 2009.

“Microsurgical Clipping of Giant Aneurysm of the Vertebral Artery via Far Lateral Transcondylar Approach Under Hypothermic Circulatory Arrest”. Video Session. XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Boston, USA. August 30-September 4, 2009.

“Pterional, One-piece and Two-piece Fronto-orbitozygomatic Craniotomies”. Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish Neurosurgical Society Microsurgical

Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 24, 2009.

“Anterior Temporal Approaches. Subtemporal Approach, Middle Fossa Approach and Kawase’s Anterior (Medial) Petrosectomy”. Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish Neurosurgical Society Microsurgical Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 24, 2009.

“Posterior Temporal Presigmoid Approaches. Retrolabyrinthine, Translabyrinthine and Transcochlear Modifications”. Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish Neurosurgical Society Microsurgical Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 24, 2009.

“Microsurgical Approaches to the Pineal Region and Posterior Ambient Cistern”. Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish Neurosurgical Society Microsurgical Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 25, 2009.

“Far Lateral Transcondylar Approach to the Cervico-medullary Junction”. Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish Neurosurgical Society Microsurgical Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 25, 2009.

“Surgical Approaches to the 4th Ventricle and Cerebellopontine Angle”. Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish Neurosurgical Society Microsurgical Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 25, 2009.

“Transcranial Approaches to the Prepontine Cistern- Pretemporal Transcavernous Approach”. Supra- and Infra-tentorial Microsurgical and Endoscopic Approaches to Lesions in the Ventricles, Intratentorial and Supratentorial Regions. Turkish Neurosurgical Society Microsurgical Neuroanatomy Annual Course. Istanbul University, Cerrahpasa School of Medicine, Istanbul, Turkey. September 25, 2009.

“Post-auricular Transtemporal Combined Approaches-Neurosurgical Perspective”, Pre-meeting Course, 20th Annual Meeting of North American Skull Base Society, New Orleans, October 15th, 2009

“Neuroprotective effects of mesenchymal stem cells derived from human embryonic stem cells in transient focal cerebral ischemia in rats”. The American Academy of Neurological Surgery 71st Annual Meeting. Palm Beach, Florida. November 4-7, 2009.

“Combined Transpetrosal Approaches”. Department of Neurological Surgery Grand Rounds. University of Wisconsin, Madison, WI. December 23, 2009.

“Human Embryonic Stem Cell Based Therapies in Focal Cerebral Ischemia”. Society of University Neurosurgeons Annual Meeting. Miami, Florida March 20-24, 2010.

“Pterional and Orbitozygomatic Craniotomies”, Second Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin April 10, 2010.

“Case Presentations with Surgical Video Demonstrations”, Second Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin April 10, 2010.

“Far-lateral Transcondylar Approach”, Second Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin April 10, 2010.

“Advances in Skull Base Tumors”. Brain Tumor Awareness Day. University of Wisconsin, Madison, WI. May 1, 2010.

“Neuroanatomy Based Microsurgery for Brain Tumors”. Brain Tumor Symposium. University of Wisconsin, Madison, September 17, 2010.

“Neurovascular Surgical Video Case Presentations”, Neurovascular Case Conference for Neurosurgery Residents. Oregon Health Science University, Department of Neurosurgery, Portland, Oregon, September 23, 2010.

“Two-piece Orbitozygomatic Approach”. Open and Endoscopic Endonasal Skull Base Surgery: A Hands-on Cadaver Workshop for Neurosurgeons. Oregon Health and Science University, Portland, Oregon, September 25, 2010.

“Neuroanatomy based Microneurosurgery”. Neuroscience Interest Group Presentation. University of Wisconsin, Medical School. October 22, 2010. Madison, Wisconsin.

“Impact of Neuroanatomy Education in Clinical Micro-neurosurgery”. 13th National Congress of Anatomy with International Participation. October 28, 2010, Kyrenia, Cypress.

“Challenging Cases in Intracranial Aneurysm Surgery: Surgical Video Demonstration for Neurosurgery Residents”. Department of Neurosurgery, Ankara University, School of Medicine, Ankara, Turkey. November 3, 2010.

“Skull Base Surgery”. Invited Speaker at Gunderson Lutheran Hospital Noon Conference. November 19, 2010., La Crosse, WI.

“Neuroanatomy based Intracranial Microsurgery”. Invited Speaker at Mercy Hospital. March 23, 2011, Oshkosh, WI.

“Memories of Last Sugita Fellow”. Invited speaker. International Sugita Symposium. American Association of Neurological Surgeons Annual Meeting. Denver, Colorado, April 11, 2011.

“Neuroanatomy- based Microneurosurgery”. Invited Lecturer at University of Illinois College of Medicine at Urbana-Champaign, April 22, 2011, Urbana-Champaign, IL.

“Pterional and Orbitozygomatic Craniotomies”, Third Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin May 14, 2011.

“Surgical Video Demonstrations”, Third Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin May 14, 2011.

“Far-lateral Transcondylar Approach”, Third Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin May 14, 2011.

“Importance of Topographical Gross Neuroanatomy and Skull Base Anatomy Teaching in Training Neurosurgery Residents”. Invited Lecture- Plenary Lecture. Joint Meeting of European Anatomical Societies. Bursa, Turkey. May 22, 2011.

“Surgical Anatomy of Main Skull Base Approaches”. Visiting Professor Lecture. Uludag University School of Medicine, Department of Neurosurgery. Bursa, Turkey May 20, 2011.

“Microsurgical Treatment Principles of Intracranial Aneurysms”. Visiting Professor Lecture. Uludag University School of Medicine, Department of Neurosurgery. Bursa, Turkey May 20, 2011.

“Blood Blister-like Aneurysms of the Supraclinoid Internal Carotid Artery”. Visiting Professor Lecture. Uludag University School of Medicine, Department of Neurosurgery. Bursa, Turkey May 20, 2011.

“Neuroanatomical Basis of Microneurosurgery”. Visiting Professor Lecture. Uludag University School of Medicine, Department of Neurosurgery. Bursa, Turkey May 21, 2011.

“Cerebral AVMs: Natural History, Treatment Alternatives and Microneurosurgery”. Visiting Professor Lecture. Uludag University School of Medicine, Department of Neurosurgery. Bursa, Turkey May 21, 2011.

“Neuroanatomy-based Microneurosurgery”. Society of University Neurosurgeons Annual Meeting. Athens, Istanbul and Izmir June 22-26, 2011.

“Microsurgery for Insular Tumors”. Grand Round Lecture. Department of Neurological Surgery. University of Wisconsin, July 20, 2011.

“Microsurgical Treatment Principles of Anterior Circulation Aneurysms”. Grand Round Lecture. Department of Neurological Surgery. University of Wisconsin, July 27, 2011.

“Skull Base Surgery and Neuroanatomy based Microneurosurgery”. Neuroscience Interest Group Presentation. University of Wisconsin, Medical School. November 29, 2011.

“Neurosurgical Case Studies”. In-service talk for operating room staff. University of Wisconsin Hospital. January 4, 2012.

“Post-auricular Transtemporal Combined Approaches-Neurosurgical Perspective”, Pre-meeting Course, 23rd Annual Meeting of North American Skull Base Society, Las Vegas, Nevada, February 16th, 2012

“Microsurgical Treatment Principles of Anterior Communicating Artery Aneurysms”. Invited Speaker. The 3rd Annual Winter Symposium. Uludag University. Uludag, Bursa, Turkey. March 1-4, 2012.

“Techniques, Pitfalls and Challenges in Microsurgical Treatment of Complex, Large and Giant Intracranial Aneurysms”. Invited Speaker. The 3rd Annual Winter Symposium. Uludag University. Uludag, Bursa, Turkey. March 1-4, 2012.

“How reliable is indocyanine-green video angiography? University of Wisconsin experience in first 109 aneurysms.”. Invited Speaker. The 3rd Annual Winter Symposium. Uludag University. Uludag, Bursa, Turkey. March 1-4, 2012.

“Challenges in Treatment of Paraclinoid Aneurysms”. Invited Speaker. The 3rd Annual Winter Symposium. Uludag University. Uludag, Bursa, Turkey. March 1-4, 2012.

“Dealing with Intraoperative Rupture of Intracranial Aneurysms”. Invited Speaker. The 3rd Annual Winter Symposium. Uludag University. Uludag, Bursa, Turkey. March 1-4, 2012.

“Microsurgical Treatment Principles of Cerebral Vascular Malformations”. Invited Speaker. The 3rd Annual Winter Symposium. Uludag University. Uludag, Bursa, Turkey. March 1-4, 2012.

“Importance of Neuroanatomy in Intracranial Microneurosurgery”. Invited Lecturer at University of Illinois College of Medicine at Urbana-Champaign, May 8, 2012, Urbana-Champaign, IL.

“Orbitozygomatic Approach”, The Fourth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin. May 12, 2012.

“Luncheon Case and Video Demonstration”, The Fourth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin May 12, 2012.

“Far-lateral Transcondylar Approach”, Fourth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee and University of Minnesota. Madison, Wisconsin May 12, 2012.

“Neuroanatomical Basis of Intracranial Microneurosurgery”. The 12th Helsinki Live Course. University of Helsinki, Helsinki, Finland. June 3-5, 2012.

“Neuroanatomical Basis for Microsurgical Treatment of Complex Intracranial Tumors”. Tumor Board Conference. Riverview Hospital, Wisconsin Rapids, WI. June 27, 2012.

“Aneurysms, Aneurysmal SAH– and Post-operative Care Expectations.” Neuroscience Nursing Education Series, UWHC, Madison, WI August 28, 2012.

“Microsurgical Treatment of Complex Intracranial Tumors”. Endocrinology Conference. St. Elizabeth Hospital, Appleton, WI. September 27, 2012.

“Neurosurgery is not a Rocket Science!” CEO Leadership Conference for Health Care Leaders. University of Wisconsin School of Medicine and Public Health, Madison, WI October 12, 2012.

“Presentation of Complex Neurosurgical Cases” **Neurology** Conference St. Agnes Hospital, Fond du Lac, WI. October 24, 2012.

“Importance of Neuroanatomy in Neurosurgery.” Neuroscience Interest Group, UW School of Medicine and Public Health, Madison, WI November 2, 2012.

“Sphenoclinoidal meningiomas: Extradural clinoidectomy. Surgical anatomy, technique and tips”. The 8th International Congress on Meningiomas and Cerebral Venous System

(ICOMCVS) and the 3rd International Symposium on the Cavernous Sinus (ISOCS), Little Rock, Arkansas, November 4-7, 2012

“Microsurgical treatment principles of intracranial aneurysms”. Invited Lecturer in 5th Prof. Erdem Tuncbay Lecture. Ege University Faculty of Medicine, Izmir, Turkey, February 23, 2013.

“Importance of neuroanatomy based microneurosurgery in surgical treatment of complex intracranial tumors”. Invited Lecturer in 5th Prof. Erdem Tuncbay Lecture. Ege University Faculty of Medicine, Izmir, Turkey, February 23, 2013.

“Microsurgical treatment of cerebral vascular malformations (AVMs and cavernomas)”. Invited Lecturer in 5th Prof. Erdem Tuncbay Lecture. Ege University Faculty of Medicine, Izmir, Turkey, February 23, 2013.

“Neurosurgery residency training in the USA”. Invited Lecturer in 5th Prof. Erdem Tuncbay Lecture. Ege University Faculty of Medicine, Izmir, Turkey, February 23, 2013.

“Surgical Anatomy and Approaches to Acoustic Neuromas. How I do it” in Practical Clinic “Nuts and bolts of posterior fossa surgery: How I do it. The 81st Annual Meeting of American Association of Neurological Surgeons. New Orleans, La April 27, 2013.

“Orbitozygomatic Approach”, The Fifth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota and Rush University. Mequon, Wisconsin. May 4, 2013.

“Luncheon Case and Video Demonstration”, The Fifth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota and Rush University. Mequon, Wisconsin. May 4, 2013.

“Far-lateral Transcondylar Approach”, The Fifth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota and Rush University. Mequon, Wisconsin. May 4, 2013.

“Is Neurosurgery rocket science?”. Invited Lecturer at University of Illinois College of Medicine at Urbana-Champaign, May 7, 2013, Urbana-Champaign, IL.

“Neurosurgery is not rocket science! Importance of neuroanatomy in surgical treatment of complex intracranial lesions” The 13th Helsinki Live Demonstration Course in Operative Microneurosurgery. Helsinki, Finland, June 2, 2013.

“Surgical Treatment of Complex CNS Pathologies”. Finley Hospital Tumor Board Conference. Dubuque, Iowa. October 2, 2013.

“Microsurgical Treatment of Complex Intracranial Tumors”. Aspirus Hospital Neuroscience Conference. Wausau, WI, November 1, 2013.

“Beginning of Your Academic Career: Questions and Answers”. The 82nd Annual Meeting of American Association of Neurological Surgeons. San Francisco April 6, 2014.

“Orbitozygomatic Approach”, The Sixth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University and Loyola University. Madison, Wisconsin. May 2, 2014.

“Extradural clinoidectomy”, The Sixth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University and Loyola University. Madison, Wisconsin. May 2, 2014.

“Luncheon Case and Video Demonstration”, The Sixth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University and Loyola University. Madison, Wisconsin. May 2, 2014.

“Retrosigmoid craniotomy”, The Sixth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University and Loyola University. Madison, Wisconsin. May 2, 2014.

“Far-lateral Transcondylar Approach”, The Sixth Annual Wisconsin Skull Base Course for Neurosurgery Resident at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University and Loyola University. Madison, Wisconsin. May 2, 2014.

“Neuroanatomical Basis of Microsurgical Approaches to Lesions in Eloquent Brain Regions.” The Society of University Neurosurgeons. The Annual Meeting. July 17-20, 2014, Seattle, WA.

“Neuroanatomical Basis of Microsurgical Approaches to Lesions in Eloquent Brain Regions.” Practical Course on October 19, 2014. “Surgical management of Tumors in Eloquent Regions”. Congress of Neurological Surgeons Annual Meeting. Boston, Massachusetts. October 18-22, 2014.

“Introduction of CNS International Division”. Congress of neurological Surgeons Annual Meeting. Boston, Massachusetts. October 18-22, 2014.

“Neuroanatomy Based Microsurgery for Treatment of Complex Intracranial Lesions”. Bellin Hospital Tumor Board. Green Bay, Wisconsin. October 28, 2014.

“End-to-Side Bypass Using Superficial Temporal Artery or Radial Artery in Extracranial to Intracranial Bypass”. The First Microvascular Surgery Course for residents of Neurosurgery, Plastic Surgery and Otolaryngology at University of Wisconsin-Madison. Madison, Wisconsin. November 15, 2014.

“Orbitozygomatic Approach, Anterior Clinoidectomy and Exposure of Cavernous Sinus” 4th Annual Advanced Open and Endoscopic Techniques in Complex Skull Base Surgery, Homer Stryker Center, Mahwah, NJ March 21, 2015

“Complex Skull Base and Cerebrovascular – Complications Session” 4th Annual Advanced Open and Endoscopic Techniques in Complex Skull Base Surgery, Homer Stryker Center, Mahwah, NJ March 21, 2015

“Neurosurgery is not rocket science!”. Invited Lecturer at University of Illinois College of Medicine at Urbana-Champaign, March 31, 2015, Urbana-Champaign, IL.

“Basic surgical principles in aneurysm surgery (craniotomy, sylvian fissure dissection & temporary clipping)”. International Basic Neurosurgery Course. The 4th Term. Vascular Neurosurgery. Belek-Antalya, Turkey. April 15, 2015

“Posterior circulation aneurysms”. International Basic Neurosurgery Course. The 4th Term. Vascular Neurosurgery. Belek-Antalya, Turkey. April 16, 2015

“Giant aneurysms, fusiform and dissecting aneurysms”. International Basic Neurosurgery Course. The 4th Term. Vascular Neurosurgery. Belek-Antalya, Turkey. April 16, 2015

“Extracranial-intracranial bypass surgery”. International Basic Neurosurgery Course. The 4th Term. Vascular Neurosurgery. Belek-Antalya, Turkey. April 17, 2015

“Neurosurgery Residency Training in the USA”. 29th Turkish Neurosurgical Scientific Annual Meeting. Belek-Antalya, Turkey April 18, 2015

“Neuroanatomical Basis For Microsurgical Treatment of Complex Lesions in Eloquent Brain Regions.” 29th Turkish Neurosurgical Scientific Annual Meeting. Belek-Antalya, Turkey April 19, 2015

“3D Video presentation of clipping of a giant pericallosal aneurysm and thalamic cavernous angioma resection” in Practical Clinic “How to Tackle Difficult Cranial cases. A step-by-step 3D Case-based Presentation”. The 83rd Annual Meeting of American Association of Neurological Surgeons. Washington DC, May 4, 2015.

“Beginning of Your Academic Career: Questions and Answers”. The 83rd Annual Meeting of American Association of Neurological Surgeons. Washington DC, May 4, 2015.

“Orbitozygomatic Approach and Extradural Anterior Clinoidectomy”, The Seventh Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 16, 2015.

“Luncheon Case and Video Demonstration”, The Seventh Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 16, 2015.

“Far Lateral Transcondylar Approach”, The Seventh Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 16, 2015.

“Neuroanatomical Basis of Microsurgical Approaches to Lesions in Eloquent Brain Regions.” Practical Course on September 27, 2015. “Surgical management of Tumors in Eloquent Regions”. Congress of Neurological Surgeons Annual Meeting. Boston, Massachusetts. September 26-30, 2015.

“Is aneurysm surgery rocket science? Importance of anatomy in treatment of complex aneurysms”. Invited Speaker. European Association of Neurological Surgeons Annual Meeting. Madrid, Spain. October 18-21, 2015.

“Microvascular Anostomosis: Neurosurgical Perspective”. The Second Annual Microvascular Surgery Course for residents of Neurosurgery, Plastic Surgery and Otolaryngology at University of Wisconsin-Madison. Madison, Wisconsin. November 14, 2015.

“Microsurgical treatment of so-called inoperable tumors.” Divine Savior Hospital, Oncology Board, Portage, WI. November 23, 2015.

“Role of anatomy in treatment of neoplastic and vascular lesions”. Turkish Neurosurgical Society Neuroanatomy and Neurovascular Sections Joint Symposium. Ankara, Turkey. December 26-27, 2015.

“Posterior approaches to the pineal region, tentorial incisura and posterior IIIrd ventricle.” Turkish Neurosurgical Society Neuroanatomy and Neurovascular Sections Joint Symposium. Ankara, Turkey. December 26-27, 2015.

“Role of Microsurgery in Treatment of Cerebral Arteriovenous Malformations.” Turkish Neurosurgical Society Neuroanatomy and Neurovascular Sections Joint Symposium. Ankara, Turkey. December 26-27, 2015.

“Surgical Video Presentations of Complex Vascular Lesions”. Turkish Neurosurgical Society Neuroanatomy and Neurovascular Sections Joint Symposium. Ankara, Turkey. December 26-27, 2015.

“Dealing with Vascular Issues in Daily Practice: Micro-suturing”. North American Skull Base Society 26th Annual Meeting. Scottsdale, AZ, February 12-14, 2016.

“3D Video Presentations of 1) Large hypervascular acoustic neuroma, 2) Supracerebellar approach for resection of large tentorial meningioma, 3) STA-M4 bypass with radial artery interposition graft for revascularization, 4) Microsurgical treatment of superior petrosal DAVF” in Plenary Session, 3D Video Techniques in Skull Base Surgery. North American Skull Base Society 26th Annual Meeting. Scottsdale, AZ, February 12-14, 2016.

“Importance of Neuroanatomy for Treatment of Complex Vascular Lesions”. Joint Meeting of the 12th International Conference of Cerebrovascular Surgery and 1st Interim Meeting of Asian Australasian Society Neurological Surgeons. February 26-28, 2016. Mumbai, India.

“Dealing with Vascular Complications”. Joint Meeting of the 12th International Conference of Cerebrovascular Surgery and 1st Interim Meeting of Asian Australasian Society Neurological Surgeons. February 26-28, 2016. Mumbai, India.

“Far-lateral Transcondylar Approach”. Second Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University Of Colorado School of Medicine, Center for Innovations. March 3-6, 2016. Aurora, CO.

“3D Video Presentation of Translabyrinthine approach for resection of large acoustic neuroma and Giant Pericallosal Aneurysm”. Second Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 3-6, 2016. Aurora, CO.

“Vascular Complications of Cranial Microsurgery” Second Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 3-6, 2016. Aurora, CO.

“Complex Vascular Cases in 3D”. 3D Anatomy and Approaches to the Supratentorial Area and Skull Base. The 84th Annual Meeting of American Association of Neurological Surgeons. Chicago, Illinois, April 30-May 4, 2016.

“Resection of Complex and so-called Inoperable Brain Tumors”. Tumor Board Conference. Mercy Hospital, Janesville, WI, May 10, 2016.

“Surgical Treatment of Complex and So-called Inoperable Neoplastic or Vascular Lesions”. Neurology Associates Dinner Meeting. Stevens Point, WI, May 11, 2016.

“Microsurgical Treatment of So-called Inoperable Brain Lesions”. Founders Day University of Wisconsin Alumni Antigo Chapter, Antigo, WI, May 13, 2016.

“Orbitozygomatic Approach and Extradural Anterior Clinoidectomy”, The Eighth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 14, 2016.

“Luncheon Case and Video Demonstration”, The Eighth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 14, 2016.

“Far Lateral Transcondylar Approach”, The Eighth Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 14, 2016.

“Anterior Interhemispheric Approaches to the Lateral Ventricle Tumors”. CNS 3D Anatomy Course for Senior Residents. Houston, TX. August 18-21, 2016.

“Microsurgical Treatment of Posterior Inferior Cerebellar Artery Aneurysms”. Surgical Neuroanatomy II (Infratentorial). Practical Course PC28, CNS 2016 Annual Meeting, San Diego, California, September 24-28, 2016

“Intra-dural Spine Tumor Surgery” Senior Resident Course: Technical Foundations in Neurosurgery, CNS 2016 Annual Meeting, San Diego, California. September 24-28, 2016

“3D Video Presentation of Transylvian Resection of Dominant Insular Glioma, Anterior Transcallosal Resection of Thalamic Astrocytoma, Translab Resection of 4 cm Vestibular Schwannoma, Transsigmoid Resection of Jugular Foramen Paraganglioma”. Complex Skull Base and Brain Tumor Surgery: 3D Surgical Anatomy and Technical Nuances. Practical Course, CNS 2016 Annual Meeting, San Diego, California, September 24-28, 2016

“Importance of Neuroanatomy of Surgical Treatment of So-called Inoperable Brain Tumors” Grand Rounds, Marshfield Clinic Neurology and Neurosurgery, Marshfield, WI. September 9, 2016

“Microvascular Anostomosis: Neurosurgical Perspective”. The Third Annual Microvascular Surgery Course for residents of Neurosurgery, Plastic Surgery and Otolaryngology at University of Wisconsin-Madison. Madison, Wisconsin. November 5, 2016.

“Transcondylar Approach: Step by Step” Tenth Annual Microscopic/Endoscopic Skull Base Surgery Course. Allegheny General Hospital, Dept. of Neurosurgery, Pittsburgh, PA. November 10, 2016

“Posterior Circulations Aneurysms/complications and Avoidance” Posterior Fossa Case Presentations/Complications Avoidance, Tenth Annual Microscopic/Endoscopic Skull Base Surgery Course. Allegheny General Hospital, Dept. of Neurosurgery, Pittsburgh, PA. November 10, 2016

“Importance of Neuroanatomy in Surgical Treatment of so-called Inoperable Brain Tumors”. Neurosurgery & Neurology Grand Rounds. Temple University School of Medicine, Philadelphia, PA. December 16, 2016.

“Microvascular repair of vascular injuries and challenging bypass cases”. “Master Video Session 1: Microvascular anastomosis, bypass and vascular repair. The 27th Annual Meeting of North American Skull Base Society, March 3-5, 2017. New Orleans, Louisiana, USA.

“Role of microsurgical neuroanatomy in selection of approach to complex petroclival meningiomas”. “Main Topic Session 7: Petroclival meningiomas: Philosophy, techniques and results. The 27th Annual Meeting of North American Skull Base Society, March 3-5, 2017. New Orleans, Louisiana, USA.

“3D Video Presentation of Bonnet Bypass for Carotid Occlusion and Resection of Large Chondrosarcoma through Combined Dolenc and Kawase Approaches.” Third Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 13-17, 2017. Aurora, CO.

“Far-lateral Transcondylar Approach”. Third Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 13-17, 2017. Aurora, CO.

“Complications Session” Third Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 13-17, 2017. Aurora, CO.

“Microsurgical Techniques for Hemostasis”. Breakfast Seminar 106. Anticoagulation for the Neurosurgeon and Hemostasis in Neurosurgery, 2017 AANS Annual Scientific Meeting Los Angeles, CA April 24, 2017

“Microsurgery for Giant and Large Aneurysms: From Simple to Most Complex”. Breakfast Seminar 208. Endovascular vs. Microsurgical Techniques for the Optimal Treatment of Intracranial Aneurysms, 2017 AANS Annual Scientific Meeting Los Angeles, CA April 25, 2017

“Surgery for Complex Vascular lesions in Endovascular Era”. Spanish Neurosurgical Society Annual Meeting with The Society of British Neurological Surgeons. May 17-20, 2017. Barcelona, Spain.

“Role of topographical anatomy in treatment of so-called inoperable brain tumors”. International Symposium of Neurosurgery and Spine Surgery in the 9th Annual Meeting of Bosnia-Herzegovina American Academy of Science and Art. May 27, 2017. Teslic, Bosnia-Herzegovina.

“Role of Neuroanatomy in Treatment of Complex Vascular Lesions”. International Symposium of Neurosurgery and Spine Surgery in the 9th Annual Meeting of Bosnia-Herzegovina American Academy of Science and Art. May 27, 2017. Teslic, Bosnia-Herzegovina.

“Is Neurosurgery Really Rocket Science? Use of Topographical Anatomy in Treatment of so-called Inoperable Brain Tumors”. Houston Neurological Society Annual Meeting. June 8, 2017, Houston, Texas.

“Does Microsurgery Still Have a Role in Treatment of Complex Vascular Lesions in Endovascular Era?”. Visiting Professor Grand Rounds. Baylor College of Medicine. June 9, 2017. Houston, Texas.

“Is gross total resection of so-called inoperable brain tumors possible?” Finley Tumor Board, Dubuque, IA June 28, 2017.

Extracranial to Intracranial Bypass in Cases with Limited Bypass Conduit Options: Pushing the Envelope Further, World Federation of Neurosurgical Societies, XVI World Congress of Neurosurgery, August 20-25, 2017, Istanbul, Turkey.

“Role of Anatomy in Selecting Surgical Treatment for Giant and Large Aneurysms: From Complex to Most Complex”. World Federation of Neurosurgical Societies, XVI World Congress of Neurosurgery, August 20-25, 2017, Istanbul, Turkey.

“Cerebrovascular Bypass in Challenging Cases with Limited Alternatives” 13th ICCVS Conference Nagoya Japan. October 27 to October 29, 2017. Session 4 Extra cranial – Intracranial bypass (USA experience). Nagoya, Japan October 28, 2017.

Role of Anatomy in Surgical Management of Complex AVMs. Session 14 Surgical Anatomy of Complex Vascular Lesion. 13th ICCVS Conference. Nagoya Japan, October 29, 2017.

“Trigeminal Schwannomas: Surgical Treatment”. How To Safely Operate: In, Through, and Around the Cavernous Sinus: Hands-On Cadaver Workshop with Live Surgery and Life-Like Simulation. Arkansas Neuroscience Institute, Little Rock, Arkansas October 12-15, 2017.

Transcondylar Approach: Step By Step. Allegheny General Hospital – 11th Annual Microscopic/Endoscopic Skull Base Surgery Course and Vascular Bypass Lab, Pittsburgh, Pennsylvania November 15-18, 2017

“Far-lateral Transcondylar Approach”. The Fourth Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 14-17, 2018. Aurora, CO.

“Bonnet Bypass for Cerebral Ischemia: 3D” and *“Translab approach for Resection of 4 cm Hypervascular Acoustic Neuroma: 3D”*. Operative Video Session. The Fourth Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 16, 2018. Aurora, CO.

“Microsurgical Treatment of Blister-like Aneurysm with Prophylactic Bypass and Clip Reconstruction” and *“Microsurgery for Resection of Dominant Superior Temporal Gyrus AVM”*. 3D Operative Video Session. The Fourth Annual Course for Microscopic and Endoscopic Approaches to Central Skull Base. University of Colorado School of Medicine, Center for Innovations. March 17, 2018. Aurora, CO.

“Surgical Anatomy for Cerebrovascular Surgery” and *“Importance of Anatomy in Surgical treatment of Complex Intracranial Aneurysms and AVMs”*. 1st Rhoton Society Meeting, & the International Symposium on Microneurosurgical Anatomy (ISMA). July 1, 2018. Tianjin, China.

“Surgical Video Session: Intrinsic Tumor”. International Endoscopic and Skull Base Surgery Conference — Lake Forum. The 7th International Symposium on Microneurosurgical Anatomy. ‘1st Rhoton Society Meeting. July 1, 2018. Tianjin, China

“Bonnet bypass for ischemia”. International Endoscopic and Skull Base Surgery Conference — Lake Forum. The 7th International Symposium on Microneurosurgical Anatomy. ‘1st Rhoton Society Meeting. July 1, 2018. Tianjin, China

“Importance of anatomy in surgical resection of so-called inoperable tumors”. International Endoscopic and Skull Base Surgery Conference — Lake Forum. The 7th International Symposium on Microneurosurgical Anatomy. ‘1st Rhoton Society Meeting. July 1, 2018. Tianjin, China

“ICCVS 1: Aneurysms, Role of neuroanatomy in surgical management of complex intracranial aneurysms”. ICCVS, IMS, Prague Neurosurgical Week. August 30, 2018. Prague, Czech.

“ICCVS Role of anatomy in selecting approach to petroclival meningioma”. ICCVS, IMS, Prague Neurosurgical Week. September 1, 2018. Prague, Czech.

“Vascular issues in skull base lesions”. ICCVS, IMS, Prague Neurosurgical Week. September 1, 2018. Prague, Czech.

“Challenges in approaching supra-parasellar tumors. Case by case discussions”. ICCVS, IMS, Prague Neurosurgical Week. September 1, 2018. Prague, Czech.

“First Midwest Microsurgery and Microvascular Anastomosis Course”. University of Wisconsin. September 8, 2018. Madison, WI

“Decision Making—Bypass for Ischemia / Moya Moya” Cerebrovascular and Skull Base Symposium at the Brigham and Women’s Hospital. September 22, 2018. Boston, Massachusetts

“How to Operate—ACOM Aneurysm Open and Endovascular Techniques” and video presentation. “ACOM aneurysm open surgery.” Cerebrovascular and Skull Base Symposium at the Brigham and Women’s Hospital. September 22, 2018. Boston, Massachusetts

“Intraoperative Complication Management Aneurysm rupture during repair”. Cerebrovascular and Skull Base Symposium at the Brigham and Women’s Hospital. September 22, 2018. Boston, Massachusetts

“How Do We Operate? Technical Pearls for Achieving the Goal.” “ACOM Aneurysm Open Techniques and Endo Techniques” Cerebrovascular and Skull Base Symposium at the Brigham and Women’s Hospital. September 22, 2018. Boston, Massachusetts

“Practical Course PC09-3D Surgical Neuroanatomy (Supratentorial)”. Congress of Neurological Surgeons. October 6, 2018. Houston, Texas

“Animal Labs/Virtual Simulators/Flow Models” Endovascular and Vascular Techniques Course for Senior Residents. MERI Lab. October 12, 2018. Memphis, Tennessee

“Posterior Circulation Aneurysm Surgery” Endovascular and Vascular Techniques Course for Senior Residents. MERI Lab. October 12, 2018. Memphis, Tennessee

“Choice of approach to the anterior fossa” Discussion, Group Leader, Session I. EANS Training Course. October 16, 2018. Dubrovnik, Croatia

“Chordoma/chondrosarcoma” EANS Training Course. October 16, 2018. Dubrovnik, Croatia

“Neuroanatomy “Hands-On” Dissection & Introduction to Neurosurgery” Neuroscience Interest Group-UW Madison, UW School of Medicine & Public Health, November 5, 2018. Madison, WI

“Anterior, Middle Third Ventricular & Thalamic Tumors” Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. November 23- 25, 2018. Istanbul, Turkey

“Surgical Approaches to Fourth Ventricular and Paraventricular Lesion” Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. November 23- 25, 2018. Istanbul, Turkey

“Microsurgical resection of so-called inoperable tumors involving mesencephalon, pineal region and posterior 3rd ventricle” Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. November 23- 25, 2018. Istanbul, Turkey

“Midline falcotentorial meningiomas: Gross total resection versus subtotal resection?” Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. November 23- 25, 2018. Istanbul, Turkey

“Challenging Bypass Cases” Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. November 23- 25, 2018. Istanbul, Turkey

“Midline Callosal and Limbic System AVMs” Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. November 23- 25, 2018. Istanbul, Turkey

“Posterior Circulation Aneurysms” Turkish Neurosurgical Society, Neuro-Oncology, Vascular, and Surgical Anatomy Group Annual Symposium. November 23- 25, 2018. Istanbul, Turkey

“Far Lateral approach, Clinical Applications” Spetzler Microneurosurgery Course: Posterior Approaches, Anatomy & Techniques, Barrow Neurological Institute. January 10-11, 2019. Phoenix, Arizona

“Posterior Interhemispheric, Interhemispheric Approaches” Spetzler Microneurosurgery Course: Posterior Approaches, Anatomy & Techniques, Barrow Neurological Institute. January 10-11, 2019. Phoenix, Arizona

“The role of Microanastomosis Bypass in the endovascular era”. University of Washington 7th annual course. January 24-27, 2019. Seattle, WA

“Avoidance and Management of Vascular Injuries”. Main Topic 9: Avoidance of Complication in Skull Base Surgery, 29th Annual North American Skull Base Society Meeting. February 15-17, 2019, Orlando, FL.

“Rhoton Room: Open Posterior Skull Base and Jugular Foramen, Transcervical; Far-lateral transcondylar live cadaveric dueling dissection”. 29th Annual North American Skull Base Society Meeting. February 15-17, 2019, Orlando, FL.

“Case Presentations and Discussion with the Neurosurgery Residents”. Mayo Clinic, Visiting Professor, February 27 and 28, 2019, Rochester, Minnesota.

“Soccer and Neurosurgery”. Mayo Clinic, Visiting Professor, February 27 and 28, 2019, Rochester, Minnesota.

“Lessons and advices from a forever resident/fellow: case discussions”. Mayo Clinic, Visiting Professor, February 27 and 28, 2019, Rochester, Minnesota.

“Microsurgical Techniques for Hemostasis: From Simple to Most Complex”. Breakfast Seminar 116. Anticoagulation for the Neurosurgeon and Hemostasis in Neurosurgery, 2019 AANS Annual Scientific Meeting Los Angeles, CA; April 15, 2019.

“Role of anatomy and microsurgical training in the lab when dealing with so-called inoperable and complex cases”. University of West Virginia. Pittsburgh, PA; April 18-19, 2019.

“Is Brain Tumor Surgery Rocket Science? Case by Case Discussion” Finley Tumor Board, Dubuque, IA April 24, 2019.

“Demonstration of basic principles of microsurgical resection of AVMs”. Microsurgery Reunion (Case Studies). University of Wisconsin, Madison, WI May 3, 2019

“Extended middle fossa and transcavernous approach in resection of dumbbell-shaped giant trigeminal schwannoma”. Microsurgery Reunion (Case Studies). University of Wisconsin, Madison, WI May 3, 2019

“Surgical treatment of giant fusiform aneurysm of proximal pericallosal artery with trapping and STA-to-A3 bypass with radial artery interposition graft”. Microsurgery Reunion (Case Studies). University of Wisconsin, Madison, WI May 3, 2019

“Role of extradural clinoidectomy and optic unroofing in resection of clinoidal meningioma – encasement of ICA and its branches”. Microsurgery Reunion (Case Studies). University of Wisconsin, Madison, WI May 3, 2019

“Microvascular decompression of V3 branch of trigeminal nerve: a rare case of vascular compression by petrous ICA”. Microsurgery Reunion (Case Studies). University of Wisconsin, Madison, WI May 3, 2019

“Orbitozygomatic Approach and Extradural Anterior Clinoidectomy”, The Eleventh Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College of Wisconsin-Milwaukee, University of Minnesota, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 4, 2019.

“Luncheon Case and Video Demonstration”, The Eleventh Annual Wisconsin Skull Base Course for Neurosurgery Residents at University of Wisconsin-Madison, Medical College

of Wisconsin-Milwaukee, University of Minnesota, Rush University, University of Illinois-Chicago and Loyola University. Madison, Wisconsin. May 4, 2019.

“Microsurgery for Complex and Challenging Intracranial Cases; Case by Case Discussion”, Neuroscience Group, Neenah, WI. May 29, 2019

“From Micro-neurosurgery to Ultra-micro-neurosurgery Influence of Little Rock School on my Surgical Journey”. Arkansas Neuroscience Institute Grand Opening Symposium, Little Rock, Arkansas June 15-16, 2019.

“Surgical Video Demonstrations” Arkansas Neuroscience Institute Grand Opening Symposium, Little Rock, Arkansas June 17, 2019.

“Operating on So-called Inoperable Brain Tumors, Case Based Discussion” Swedish American Hospital, Rockford, IL, July 15, 2019

“Fifth Nerve Schwannoma” Evandro de oliveira cavernous sinus course, Little Rock, Arkansas, August 24-27, 2019.

“Surgical Video Demonstrations” Evandro de oliveira cavernous sinus course, Little Rock, Arkansas, August 24-27, 2019.

“Neurosurgery is not rocket science.” Neuroanatomy and Cadaveric Dissection Course for Medical Students of University of Illinois Champaign-Urbana, Urbana-Champaign, IL, August 30, 2019.

“Far Lateral Approach and Its Variations” Inaugural Carle Illinois Microsurgery and Endoscopic Hands-On Course, University of Illinois, Urbana-Champaign, IL, August 30-31, 2019.

“Case Presentations and Surgical Videos” Second Annual Midwest Microsurgery and Microvascular Anastomosis Course. University of Wisconsin. Madison, WI September 14, 2019.

“Maximal Safe Resection in Thalamic Gliomas is Superior to Biopsy: Personal Reflections on 40 Cases” the 81st Annual Meeting of the American Academy of Neurological Surgery, Rome, Italy, September 18- 21, 2019.

“Staged Transsphenoidal and Transcranial Surgeries in Giant / Complex Pituitary Tumors” The European Association of Neurosurgical Societies, Technology, Techniques, Training And Transparency, Dublin, Ireland, September 24-28, 2019.

“Arterial Encasement and Intraoperative Management in Skull Base Meningiomas” The European Association of Neurosurgical Societies, Technology, Techniques, Training And Transparency, Dublin, Ireland, September 24-28, 2019.

“Occluded Bypass Salvage Strategies” 5th Cerebrovascular and Skull Base Symposium at the Brigham and Women’s Hospital. Boston, Massachusetts October 5, 2019

“Chordomas and chondrosarcomas” Brain Tumor Update: Benign Brain Tumors Symposia, Congress of Neurological Surgery (CNS), San Francisco, CA October 19-23, 2019.

“Large anterior clinoidal meningioma encasing ICA, ACA & MCA resection via extradural clinoidectomy and optic unroofing” 3D Surgical Neuroanatomy Symposia, Congress of Neurological Surgery (CNS), San Francisco, CA October 19-23, 2019.

“Compilation of high-grade insular glioma cases encasing lenticulostriate arteries” 3D Surgical Neuroanatomy Symposia, Congress of Neurological Surgery (CNS), San Francisco, CA October 19-23, 2019.

“A Neurenteric Cyst of the Cavernous Sinus” 3D Surgical Neuroanatomy Symposia, Congress of Neurological Surgery (CNS), San Francisco, CA October 19-23, 2019.

“Is brain tumor surgery rocket science?”, Adult Advisory Council Meeting, Madison, WI, October 22, 2019

“Update on So-Called Inoperable Brain Tumors”, Bellin Hospital, Talk to Neurologist group, Green Bay, WI, November 5, 2019

“Surgical Strategies for Cerebral Revascularization When There are Limited Bypass Conduit Options and Unexpected Intraoperative Difficulties”, UW-Neurosurgery Grand Rounds, Madison, WI, November 6, 2019

“Emergency Referrals to Neurosurgery other than Traumatic Brain Injury; Case by Case Discussions”, Emergency Provider Meeting, Dubuque, IA, November 20, 2019

“Microsurgery of Complex Tumors in New Era”, 28th Annual meeting of Henan Province Neurosurgical Societies, Zhengzhou, China, December 13-15, 2019

“Neurovascular Surgery in the Endovascular Era”, 28th Annual meeting of Henan Province Neurosurgical Societies, Zhengzhou, China, December 13-15, 2019

“STA with Interposition Graft: Variations and Tricks”, Masters Session, Bypass 2020 Anniversary Symposium, Semi-centennial of brain bypass Symposium, University Hospital Zurich, Switzerland, January 8-10, 2020

“Is Translabyrinthine Approach Reasonable to Optimize Facial Outcomes”, NASBS 30th Annual Meeting, San Antonio, Texas, February 9, 2020

“AVM Surgery”, UW-Neurosurgery Professor Rounds, Madison, WI, March 27, 2020

“Microsurgery in the new era: Complex skull base tumors”, Curso Internacional de Neurocirugía Vascular y Endovascular CINVAE 2020, Mexico Webinar. April 23, 2020

“The Role of Microanastomosis and Bypass in Endovascular Era: Where are we standing?” Neurosurgical.TV, Neurosurgery Coach and Asian Medical Students & Residents Society of Neurosurgery (AMSRS) Webinar. April 25, 2020

“The Role of Microanastomosis and Bypass in Endovascular Era; Endovasküler Çağda Bypass Cerrahisinin Rolü”. Gazi University Webinar. April 25, 2020

“Anterior, Middle Third Ventricular & Thalamic Tumors”, UW-Neurosurgery Professor Rounds, Madison, WI, April 28, 2020

“Operating on So-called Inoperable Brain Tumors: Role of Neuroanatomy”, Neurosurgical.TV, Neurosurgery Coach and Asian Medical Students & Residents Society of Neurosurgery (AMSRS) Webinar. May 9, 2020

“Microsurgery of Arteriovenous Malformations: Technical Nuances”, Neurosurgical TV, Neurosurgery Coach and Asian Medical Students & Residents Society of Neurosurgery (AMSRS) Webinar. May 23, 2020

“Is Micro-neurosurgery dying? Microsurgery versus ultra-microsurgery”, UW-Neurosurgery Professor Rounds, Madison, WI, May 27, 2020

“Preoperative AVM embolization: It is almost never needed”, University of Miami Neurosurgical Cerebrovascular and Skull Base Programs Webinars, July 23, 2020

“Surgical Treatment of Arteriovenous Malformations: Microsurgical Technique and Nuances”, The Neurosurgical Atlas by Dr. Aaron Cohen-Gadol Webinar, July 27, 2020

“Translabrythine Approach for Optimizing Facial Nerve Outcome in Vestibular Schwannomas”, Pakistan Neurosurgery Society Webinar, August 5, 2020

“Role of Neuro-anatomy in Surgical treatment of Complex Intracranial Pathologies”, University of Oklahoma Virtual Grand Rounds, August 7, 2020

“Anatomy and Surgery of Anterior Cerebral Artery Aneurysms”, Cerebrovascular Samurais, 2nd Rhoton Society Virtual Meeting & 8th International Zoomposium on Microneurosurgical Anatomy, September 11, 2020

“A Journey of One Thousand Miles in Cerebral Bypass— From Laboratory Training to Complex Vascular and Neoplastic Cases”, Bypass Surgery: To boldly go..., 2nd Rhoton Society Virtual Meeting & 8th International Zoomposium on Microneurosurgical Anatomy, September 12, 2020

“Role of Neuroanatomy on Skull Base Surgery”, Ministry of Health, Republic of Uzbekistan, Samarkand State Medical Institute. Webinar, September 12, 2020

“Anatomy, Techniques and Career Planning in Neurosurgery”, Mayo Clinic- Circle of Willis, September 24, 2020

“Anterior Skull Base Meningiomas Classification and Microsurgical Techniques for Resection”, Dakar International Webinar, October 10, 2020

“Don't fit into your own shell! Micro-surgery advice from forever assistant / fellow”, İzmir On-line Neurosurgery, October 17, 2020

“Open Surgery for Brain Metastasis”, UW- Madison Inaugural Multidisciplinary CNS Metastasis Update, October 17, 2020

“Microsurgical Treatment of PICA and Vertebro-basilar Junction Aneurysms”, Asian Congress of Neurological Surgeons (ACNS) Webinar, October 24, 2020

“Doing Complex Brain Surgeries with A-Team”, Wisconsin State Assembly of Surgical Technologists (AST) Webinar, October 24, 2020

“Operating on So-called Inoperable Gliomas”, UW-Neurosurgery Grand Rounds, Madison, WI, November 4, 2020

“Translabrynthine approach for optimizing facial nerve outcome in vestibular schwannoma treatment”, Neurosurgery Department, National Brain Center, Jakarta – Indonesia Webinar, November 7, 2020

“Posterior Petrosal Approach”, Acibadem University, Online Skull Base Course - Masters with Turkish Rhoton Fellows, November 14, 2020

“Orbitozygomatic Approaches to Middle Fossa and Cavernous Sinus”, North American Skull Base Society (NASBS), Virtual Skull Base Workshop, November 18, 2020

“Current State of Open Vascular Neurosurgery in Endovascular Era”, Marmara University, Marmara Neurosurgery Online Meeting, November 22, 2020

“Approach to Cerebral Aneurysms”, WFNS Neurosurgical Anatomy Webinars, December 2, 2020

“Is Neurosurgery Rocket Science? Daily Physics of Neurosurgery”, Second International Congress of Neuroscience; *“The world of neurosurgery in your fingertips”* Webinar, December 19, 2020

“Vestibular Schwannoma Surgery: Truth Told”, Microsurgery Resurgence Webinars, December 19, 2020

“Complications avoidance and management in cerebrovascular surgery”, Turkish Neurosurgery Association-Neurovascular Surgery Education and Training Group, January 16, 2021

“To embolize or not to embolize: that is the question for arteriovenous malformations”, The Journal of Neurosurgery; JNS Journal Club, Neurosurgical Focus- January 2021 Video; Posterior fossa arteriovenous malformations, January 26, 2021

“Microsurgical Management of Midbrain Gliomas: Truth Told”, Microsurgery Resurgence Webinars, January 30, 2021

“Contemporary Neurosurgical Approach To Unruptured Intracranial Aneurysms”, Nervous System Surgery; Vascular Neurosurgery Symposium, February 6, 2021

“Microsurgery Training in Neurosurgery: Practical Tips in the Laboratory and Operating Room”, İzmir On-line Neurosurgery, February 6, 2021

“Clippology with the Masters”, Barrow Neurological Institute, February 16, 2021

“Posterior Circulation Aneurysms”, 7th WFNS Foundation ACNS Winter WEB Seminar, February 20, 2021

“Exact Clipping of Aneurysms and Reconstruction of Complex Aneurysms: Truth Told”, Microsurgery Resurgence Webinars, February 27, 2021

“Microsurgical Technique and Nuances in Cerebral AVMs”, UW-Neurosurgery Grand Rounds, Madison, WI, March 3, 2021

“Surgical Treatment of Complex Aneurysms in Endovascular Era”, WFNS Neurosurgical Anatomy 9th Webinar, March 23, 2021

“Microsurgical Technique and Nuances in Cerebral AVMs”, Ain Shams University; Neurosurgery Webinar Series, April 10, 2021

“Tricks in Microsurgical Treatment of Vestibular Schwannomas”, International Basic Neurosurgery Course (IBNC) Webinar V; The Tricks of Microneurosurgery, April 17, 2021

“Training and Career Planning on Abroad”, Webinar for students and residents at the University of Ankara Medical School. April 24, 2021

“Approaches to The Thalamic Gliomas: Pitfalls and Surgical Tricks”, II. White Matter Dissection Course and Surgery of Gliomas, Acıbadem University, Masters with Turkish Rhoton Fellows Group, May 8, 2021

“Pterional Approach, Orbitozygomatic Approach, Anterior Clinoidectomy, and Unlocking the Cavernous Sinus”, The 13th Annual Wisconsin Skull Base Course, Session 1, May 15, 2021.

“Dealing with Vascular Encasement in Skull Base Surgery”, University of Miami Cerebrovascular and Skull Base International Symposium, May 20, 2021.

“Far Lateral Transcondylar Approach”, The 13th Annual Wisconsin Skull Base Course, Session 2, May 29, 2021.

“Complication avoidance and management of cerebral aneurysms”, Cerebrovascular Committee of WFNS; Webinar # 40: Cerebral Aneurysms & AVMS, June 4, 2021.

“Operating on So-Called Inoperable Gliomas”, the Neurosurgical Atlas, June 7, 2021.

“Microneurosurgery training from lab to operating room: tips and advices”, ACNS-YNS Monthly Education Webinar for YNS, June 13, 2021.

“Neurosurgery as a career goal”, İzmir On-line Neurosurgery, July 3, 2021.

“Professor Dr. Mahmut Gazi Yaşargil; Father of Microneurosurgery, The Impact of the Micro-surgery, Session 1”, Truth Told, Microsurgery Resurgence Webinars, July 6, 2021.

“How to Safely Resect Cerebral Arteriovenous Malformations: Microsurgical Tips”, Juha's China Neurosurgery Grand Rounds, July 23, 2021.

“Set Your Goals High in Microsurgery of Vestibular Schwannomas: Translabyrinthine Approach for Facial Nerve Functional Preservation”, Juha's China Neurosurgery Grand Rounds, July 30, 2021.

“Glioblastoma Neurosurgery Perspective”, University of Illinois, Urbana-Champaign, July 31, 2021

“Cerebrovascular Neurosurgery: How to start a practice”, AANS - CAANS - PANS, Intercontinental Neurosurgical Summit, August 13, 2021.

“Microneurosurgical Case and Video Presentation”, UW M1, M2 students teaching session, August 26, 2021

“Transsylvian Resection of Insular Gliomas: Preservation of the Normal Anatomy and Function”, 2nd Annual Neuro-Oncology Symposium; Pakistan Society of Neuro-Oncology, August 28, 2021

“Transcavernous Hakuba/Dolenc approach”, Cerebrovascular and Skull Base Course, Stryker Learning Center, Salt Lake City, UT, September 10, 2021

“Midline/Paramedian/Lateral variants of Supracerebellar approach”, Cerebrovascular and Skull Base Course, Stryker Learning Center, Salt Lake City, UT, September 11, 2021

“Training for Microvascular Anastomosis”, Cerebrovascular and Skull Base Course, Stryker Learning Center, Salt Lake City, UT, September 12, 2021

“Microneurosurgery for complex vascular pathologies in endovascular era”, University of Tennessee Health Science Center, September 27, 2021.

“Surgical approaches to intraventricular tumors”, Uzbekistan Neurosurgical webinar, October 9, 2021

“Neurosurgery as a career goal”, Turgut University, Turkey, October 23, 2021

“Lunch and Videos/Complications Discussions” Sixth Annual Course For Microscopic And Endoscopic, Approaches To The Skull Base, University of Colorado School of Medicine, Denver, CO, November 4, 2021

“Lunch & Operative Video Session”, Sixth Annual Course For Microscopic And Endoscopic, Approaches To The Skull Base, University of Colorado School of Medicine, Denver, CO, November 5, 2021

“Far Lateral Approach” Sixth Annual Course For Microscopic And Endoscopic, Approaches To The Skull Base, University of Colorado School of Medicine, Denver, CO, November 5, 2021

“Retrosigmoid Approach and Far Lateral Approach” Sixth Annual Course For Microscopic And Endoscopic, Approaches To The Skull Base, University of Colorado School of Medicine, Denver, CO, November 5, 2021

“Lunch & 3-D Operative Video Session” Sixth Annual Course For Microscopic And Endoscopic, Approaches To The Skull Base, University of Colorado School of Medicine, Denver, CO, November 6, 2021

“Microneurosurgery”, Medical Student Neurosurgery Exposure Conference, November 13, 2021

“Infratentorial cavernomas: surgical management”, Division of Neurosurgery, Toronto Western Hospital, UHN, November 19, 2021

“Microsurgical treatment for Lateral Ventricle tumors”, Federal Centre of Neurosurgery, Ministry of Health of Russian Federation, November 19, 2021

“Transpetrosal Approaches for Skull Base Lesions”, EWNC Academy Skull Base Congress, December 11, 2021

“Residency educations in different countries and the experiences gained from neurosurgery”, Turkish Medical Students Association, January 8, 2022.

“Ultra Microsurgical Resection of Deep-Seated Eloquent Gliomas: Preservation of Normal Anatomy and Function”, Cerebrovascular and Skull Base Symposium at Brigham and Women's' Department of Neurosurgery Grand Rounds, February 16, 2022

“Posterior fossa complications”, North American Skull Base Society, Phoenix, Arizona, February 18, 2022.

“Transcranial approaches to trigeminal schwannomas”, North American Skull Base Society Phoenix, Arizona, February 18, 2022.

“Microsurgery for Thalamic Gliomas”, UW School of Medicine and Public Health, Department of Neurological Surgery Grand Rounds, Madison, Wisconsin, March 9, 2022.

“Microsurgery VS Ultra-Microsurgery”, 6th Annual meeting of EWNC academy Webinar, Cairo, Egypt, March 19, 2022.

“Translabyrinthine Approach for Large Vestibular Schwannomas: Raise the Bar for Facial Nerve Functional Preservation”, Cedars Sinai Dept of Neurosurgery Visiting Professors Virtual Lecture Series. Los Angeles, California, April 22, 2022

“Introduction, Meeting with Neurosurgery Residents”, Cedars Sinai Dept of Neurosurgery Visiting Professors Virtual Lecture Series. Los Angeles, California, April 22, 2022

“Roberto Heros as Skokunin: Lessons of Wisdom, Courage, and Responsibility”, Heros Symposium Courage of Mastery in Cerebrovascular/Skull Base Surgery, AANS Philadelphia 2022, Philadelphia, Pennsylvania, April 28, 2022

“Staged Surgery for Residual Recurrent Spheno Orbito Cavernous Petroclival Meningioma”, 3D Session-Operative Nuances I: Difficult Cases: What Have We Learned?", AANS Philadelphia 2022, Philadelphia, Pennsylvania. April 30, 2022

“Microsurgery for Residual/ Recurrent Vestibular Schwannoma via Translabyrinthine approach”, 3D Session-Operative Nuances I: Difficult Cases: What Have We Learned?", AANS Philadelphia 2022, Philadelphia, Pennsylvania, April 30, 2022

“Microsurgery for Insular Gliomas”, 3D Session-Operative Nuances I: Difficult Cases: What Have We Learned?", AANS Philadelphia 2022, Philadelphia, Pennsylvania. April 30, 2022

“Left-sided Sylvian Arteriovenous Malformation (AVM)”, 3D Session-Operative Nuances I: Difficult Cases: What Have We Learned?", AANS Philadelphia 2022, Philadelphia, Pennsylvania. April 30, 2022.

"Surgical Treatment of Thalamic High Grade Gliomas: Indications and Limitations", AANS/CNS Section on Tumors Section Session, AANS Philadelphia 2022, Philadelphia, Pennsylvania, May 1, 2022

“AVM surgery Surgical principles, illustrations of complications and lessons learned”, Dinner Symposium: Serving Knowledge Series 402 Complex Cranial Surgery - "Advanced Approaches and Complication Avoidance/Management", AANS Philadelphia 2022, Philadelphia, Pennsylvania, May 1, 2022

“Blister Aneurysms Should Be Treated with Microsurgery”, Neurosurgical Community 507 Cerebral Aneurysms, Sessions II- "Point-Counterpoint: Treatment of blister aneurysms.", AANS Philadelphia 2022, Philadelphia, Pennsylvania, May 2, 2022.

“A Lifestyle: Neurosurgery”, Gazi University Faculty of Medicine, May 2, 2022.

“Roberto Heros: Wisdom, Courage, and Responsibility of a Shokunin”, Microsurgery Reunion. University of Wisconsin, Madison, WI, May 20, 2022

“Blister Aneurysms Should Be Treated with Microsurgery, Point-Counterpoint: Treatment of blister aneurysms”, Microsurgery Reunion. University of Wisconsin, Madison, WI, May 20, 2022

Orbitozygomatic Approach, Anterior Craniotomy and Unlocking the Cavernous Sinus, The 14th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 21, 2022

“Case Presentations with Surgical Video Demo”, The 14th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 21, 2022

“Surgical and Non-surgical Treatment Modalities of Intracranial AVMs: Decision Making on Treatment Options”, ACNS YNS Webinar, June 12, 2022

“Microneurosurgery of Insular Glioma”, Hands-on on Microneurosurgery and White Matter Anatomy relevant for Brain Tumors, Epilepsy and AVM: the Zurich School, 13th Hands-On Cadaver Course, Zurich, Switzerland, June 21, 2022

“Maximal Safe Resection in Thalamic Gliomas improves survival: Single-Center Experience”, Society of University Neurosurgeons, Prague, CZ, July 3, 2022

“The role of microneurosurgery for treatment of posterior circulation aneurysms in the modern endovascular era”, Neurosciences Grand Rounds, Department of Neurosurgery, Saint Louis University, July 13, 2022

“FTOZ Approach/Clinoidectomy”, (Aziz Annual Lecture), 2nd Annual Carle Illinois Microsurgery and Endoscopic Hands-On Course, Hands-On Dissection Microsurgical Approaches Cadaveric Dissection, University of Illinois Urbana-Champaign. Urbana, IL August 26, 2022

“When I use Transcavernous Approaches”, Evandro de Oliviera Cavernous Sinus Course: How to safely operate: in, through and around the cavernous sinus: Hands-on Cadaver Workshop & Life-Like Simulation. 9/12/2022 Little Rock, Arkansas, September 12, 2022

“Trans-sylvian Microsurgical Resection of Insular Gliomas: Preservation of the Normal Anatomy”, China Neurosurgical Journal Webcast, September 18, 2022

“Translabyrinthine Approach for Optimal Facial Function in Large Vestibular Schwannomas”, Taiwan Skull Base Society, Taipei, Taiwan, September 18, 2022

“Semi-Annual Course for Microsurgical Hands-on Dissection and Lectures”. UWSMPH, Madison, Wisconsin, September 24, 2022

“Microsurgical Resection of carotid Body paraganglioma.” 3D Surgical Video, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

“Trapping and Interposition Bypass for PICA dissecting aneurysm. 3D Surgical Video”, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

“Microsurgical gross total resection of the Facial nerve Schwannoma with sural nerve interposition graft. 3D Surgical Video”, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

“Microsurgical gross total resection of large foramen magnum meningioma via far-lateral approach: dissection and preservation of encased posterior spinal artery and lower cranial nerves. 3D Surgical Video”, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

“Two-stage gross total resection of very large vestibular schwannoma. 3D Surgical Video”, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, San Francisco, California, October 9, 2022

“Aggressive microsurgery: Refining the technique and learning from mistakes”, University of Miami Cerebrovascular and Skull Base International Symposium, Surgical management of acoustic neuromas Zoomposium, October 13, 2022

“Embolize or not to embolize AVMs before microsurgical removal?”, Asian Congress of Neurological Surgeons, October 30, 2022

“Ultra-Microneurosurgery for Deep Seated Eloquent Gliomas: Preservation of Anatomy and Function”, The Academic Talk of WFNS NOC in Central China; The 2nd Neurooncology Forum of Central China, February 25, 2023

“Microsurgical Treatment of Complex Intracranial Pathologies Based on neuro-Anatomy Guidance”, Young Neurosurgeons Forum, March 11, 2023

“Surgical Approaches to Acoustic Neuromas”, Hacettepe University-Neurosurgery Wednesday Seminars, May 3, 2023

“Orbitozygomatic Approach, Anterior Clinoidectomy and Unlocking the Cavernous Sinus”, The 15th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 20, 2023

“Case Presentations with Surgical Video Demo”, The 15th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 20, 2023

Far Lateral Transcondylar Approach, The 15th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 20, 2023

“Insular Glioma Surgery: Preservation of the Anatomy and Function”, The 38th Portugal National Congress of Neurosurgery, May 26, 2023.

“Microsurgical Treatment Principles of Cerebral AVMs”, 14th Hands-On Cadaver Course Zurich, Switzerland, June 6, 2023

“Microneurosurgery of Insular Tumors”, 14th Hands-On Cadaver Course Zurich, Switzerland, June 6, 2023

“Microsurgical Treatment of Cerebral AVMs”, Vascular Neurosurgery Webinar Series, Islamabad, Pakistan, July 29, 2023.

“Translabyrinthine versus Retrosigmoid Approach for Acoustic Neuroma: Which one is better?”, Third Annual Meeting of International Rhoton Society (IRS), Istanbul, Turkey, August 23, 2023.

“Future of Microneurosurgery” Session II - Future of Microneurosurgery Symposium, Istanbul, Turkey, August 25, 2023.

“Brainstem Cavernoma with Arcuate Foramen Variation, 3D Surgical Video”, 3D Surgical Neuroanatomy, Congress of Neurological Surgeons, Washington, D.C., September 9, 2023.

“Left M1 Giant Aneurysm-High Flow-Bypass, 3D Surgical Video”, 3D Surgical Neuroanatomy Session, Congress of Neurological Surgeons, Washington, D.C., September 9, 2023.

“Right Insular Glioma, 3D Surgical Video”, 3D Surgical Neuroanatomy Session, Congress of Neurological Surgeons, Washington, D.C., September 9, 2023.

“Pontine Cavernoma, 3D Surgical Video”, 3D Surgical Neuroanatomy Session, Congress of Neurological Surgeons, Washington, D.C., September 9, 2023.

“Decision Making- Bypass for Ischemia & Moya Moya”, Annual Microsurgery and Microvascular Anastomosis Course, Microsurgical Hands-on Dissection and Lectures, UW SMPH, Madison, Wisconsin, October 07, 2023.

“A Life in Neurosurgery”, Wisconsin Premedical Society Neuro Panel, Madison, Wisconsin, October 25, 2023.

“Far Lateral Approach”, 24th Annual Conference of the Skull Base Surgery Society of India, the SKULL BASECON-2023, October 27, 2023.

“Translabyrinthine Approach to Acoustic Neuroma: Case Selection and technique”, 24th Annual Conference of the Skull Base Surgery Society of India, the SKULL BASECON-2023, October 27, 2023.

“A Life in Neurosurgery”, Medical Student Neurosurgery Exposure Conference for University of Wisconsin and Medical College of Wisconsin Medical Students, October 28, 2023

“Arterial Injury during Removal of Giant Trigeminal Schwannoma”, Video Cases / Complication Session, 8th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Course, University of Colorado, November 9, 2023

“Arterial Injury during Removal of Foramen Magnum Meningioma: Direct Micro-suture Repair”, Video Cases / Complication Session, 8th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Course, University of Colorado, November 9, 2023

“Removal of Foramen Magnum Meningioma: Preservation of the Encased Posterior Spinal Artery”, Video Cases / Complication Session, 8th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Course, University of Colorado, November 9, 2023

“Far Lateral Approach”, 8th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Course, University of Colorado, November 11, 2023

“Flow Reversal Bypass for Giant Fusiform M1 Segment Aneurysm”, Video Cases / Complication Session, 8th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Course, University of Colorado, November 11, 2023

“Far lateral Transcondylar Approach for resection of Medullary Cavernoma”, Video Cases / Complication Session, 8th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Course, University of Colorado, November 11, 2023

“Approaches to Vestibular Schwannomas”, Resident Skull Base Course, Washington University School of Medicine, St Louis Missouri- December 2, 2023

“Microsurgery for Brainstem Cavernomas” Fujita Bantane Alumni Association, Japan, January 7, 2024

“Complexity of Giant Fusiform MI Aneurysms: Contrasting Microsurgical Strategies in Two Cases”, Aesculap Aneurysm Expert Talk, Clippology with the Masters, Barrow Neurological Institute, Phoenix, AZ, February 20, 2024

“Case Presentations- Surgical Approaches to Vestibular Schwannomas”, ANI 2nd Annual Live Microneurosurgery Course, Arkansas Neuroscience Institute, Little Rock, Arkansas, March 2-7, 2024

“Case Presentations- Surgical Approaches to Basilar Aneurysms”, ANI 2nd Annual Live Microneurosurgery Course, Arkansas Neuroscience Institute, Little Rock, Arkansas, March 2-7, 2024

“Tribute to Prof. Dr. Juha Hernesniemi”, ANI 2nd Annual Live Microneurosurgery Course, Arkansas Neuroscience Institute, Little Rock, Arkansas, March 2-7, 2024

“Why Microneurosurgery?”, 8th EWNC Academy Annual Congress, Cairo, Egypt, 9th March 2024

“Operating on so-called Inoperable Brain Tumors, Preservation of Normal Anatomy and Function”, Columbia Neurosurgery Grand Rounds, March 28, New York, 2024

“Choosing the Best Path in Trigeminal Schwannomas”, WFNS Webinars, Istanbul/Turkey, March 23, 2024

“A3-STA with RA interposition graft and trapping of giant fusiform aneurysm of pericallosal artery in a child”, The Atlas 3D Session, American Association of Neurological Surgeons (AANS), Illinois, May 3-6, 2024

“Left Sided Previously Coiled AChA Aneurysm”, The Atlas 3D Session, American Association of Neurological Surgeons (AANS), Illinois, May 3-6, 2024

“Left Temporal Opercular AVM”, The Atlas 3D Session, American Association of Neurological Surgeons (AANS), Illinois, May 3-6, 2024

“Multiple Aneurysms”, The Atlas 3D Session, American Association of Neurological Surgeons (AANS), Illinois, May 3-6, 2024

“Right Thalamic Tumor”, The Atlas 3D Session, American Association of Neurological Surgeons (AANS), Illinois, May 3-6, 2024

“Left Posterior Temporal AVM”, The Atlas 3D Session, American Association of Neurological Surgeons (AANS), Illinois, May 3-6, 2024

“Multi-Compartmental Chondrosarcoma via Combined Transcavernous and Anterior Transpetrosal Approaches with Endoscopic Assistance”, The Atlas 3D Session, American Association of Neurological Surgeons (AANS), Illinois, May 3-6, 2024

Selection of Surgical Approach in Vestibular Schwannomas, 4th Annual Wisconsin Primary CNS Malignancy Symposium, University of Wisconsin, Madison, WI, May 10, 2024

“Translabyrinthine Approach to Vestibular Schwannomas”. University of Cukurova, Neurosurgery May Symposium, Adana, Turkey, May 17, 2024

Orbitozygomatic Approach, Anterior Clinoidectomy and Unlocking the Cavernous Sinus, The 16th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 18, 2024

“Case Presentations with Surgical Video Demo”, The 16th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 18, 2024

“Far Lateral Transcondylar Approach”, The 16th Annual Wisconsin Skull Base Course, University of Wisconsin, Madison, WI, May 18, 2024

“Resurgence of Microneurosurgery”, 1st Congress of Yasargil Microneurosurgery Academy, Istanbul, Türkiye June 4-7, 2024

“Microneurosurgery of Insular Gliomas”, 15th Hands-on Microneurosurgery and White Matter Anatomy relevant for Brain Tumors, Epilepsy and AVM, Zurich, Switzerland, June 17-19, 2024.

“Reconstructive versus Replacement Strategies in Complex Intracranial Aneurysms in Endovascular Era”. The 8th FEN Sapporo Live Microneurosurgery Course, Japan, July 7-11, 2024

“Life in Neurosurgery”, Turkish Medical Students Society, Turkey, July 27, 2024

“Novel Microsurgical Concepts in Aneurysms”, Cinva Neuroteam CUU Mexico August 6, 2024.

“Decision Making- Bypass for Ischemia & Moya Moya”, Annual Microsurgery and Microvascular Anastomosis Course, Microsurgical Hands-on Dissection and Lectures, UWSPH, Madison, Wisconsin, September 21, 2024.

“Ultra-microneurosurgery for So-called Inoperable Gliomas Based on Neuroanatomy”. The 29th Annual Meeting of the Japanese Brain Tumor Surgery. October 4-5, 2024, Kochi, Japan.

“A Life in Neurosurgery”, Medical Student Neurosurgery Exposure Conference for University of Wisconsin and Medical College of Wisconsin Medical Students, October 26, 2024

“Microsurgical Applications to Neurosurgery”, University of Wisconsin 10th Annual Microsurgery Training Course, October 25-26, 2024

“Embolize or not to Embolize AVMs before Microsurgical Removal” Turkish Neurosurgery Society - Online Case Discussions - Cerebrovascular Disease Meeting, October 30, 2024

“Operating on So-Called Inoperable Brain Tumors: Role of Neuroanatomy”, 4th International Rhoton Society Conference, Taipei, Taiwan, November 5-7, 2024

“Neuroanatomical Principles of AVM Microneurosurgery”, 4th International Rhoton Society Conference, Taipei, Taiwan, November 5-7, 2024

“Dealing with Vascular Issues in Complex Brain Tumor Surgery – Ultramicroneurosurgery”, Skull Base Session, 17th Asian Australian Congress of Neurological Surgeons (AACNS), Kaohsiung, Taiwan, November 7-10, 2024

“Reconstructive versus Replacement Strategies in Complex Intracranial Aneurysms in Endovascular Era, Cerebrovascular Session”, 17th Asian Australian Congress of Neurological Surgeons (AACNS), Kaohsiung, Taiwan, November 7-10, 2024

“Embolize or not to Embolize in Complex AVMs Demonstration of Surgical Technique in 2 Contrasting Cases”, Case Presentation Session, 17th Asian Australian Congress of Neurological Surgeons (AACNS), Kaohsiung, Taiwan, November 7-10, 2024

“Embolize or Not to Embolize: Microsurgery for AVMs”, 4th World Skull Base Congress Cairo, Egypt, November 9, 2024

“Microneurosurgical management of Complex Intracranial Vascular Pathologies in Endovascular Era”, Department of Neurosurgery Grand Rounds, University of South Carolina, Charleston, South Carolina, December 3, 2024

“Cadaveric Dissection of Anterior Extradural Clinoidectomy”, Department of Neurosurgery Grand Rounds, University of South Carolina, Charleston, South Carolina, December 3, 2024

“Walking the Path of Neurosurgery”, Tehran University of Medical Sciences, BRAINet, Tehran, Iran December 8, 2024

“Preservation of Function in Vestibular Schwannoma Surgery”, Education & Training Committee of WFNS, Education Symposia #17: Management of Vestibular Schwannomas, January 18, 2025

“Ultra-microneurosurgery for So-Called Inoperable Gliomas: Role of Neuro-anatomy in Surgical Decision-making”, Department of Neurosurgery Ground Rounds, RUSH University, Chicago, Illinois, February 4-5, 2025

“Blood Blister-Like Aneurysms of the Supraclinoid Internal Carotid Artery”, 8th Fujita Bantane Winter Seminar, February 9, 2025

“Management of Vascular Problems in Intracranial Tumors: From simple to most complex”, EWNC Academy of Neurosurgical TV Micro Neurosurgery- The Paradigm Shift, February 22, 2025

BIBLIOGRAPHY

Manuscripts

1. Egemen N, Turker RK, Sanlidilek U, Zorlutuna A, Bilgic S, **Baskaya MK**, Unlu A, Caglar S. The effect of Iloprost on severe chronic vasospasm. *Proceeding of the IVth International Conference on Cerebral Vasospasm, Tokyo, pp:385-387, 1990*
2. Kanpolat Y, Deda H, **Baskaya MK**. DREZ Operation. *Turkish Neurosurgery 1:102-106, 1990* [Turkish]
3. **Baskaya MK**, Yuceer N. The risk of AIDS in Surgical Clinics. *Journal of Turkish Research 3:15-18, 1991* [Turkish]
4. Erdogan A, Gokalp HZ, Arasil E, Deda H, **Baskaya MK**, Unlu A. Supratentorial Ependymomas. *Turkish Neurosurgery 2:58-60, 1991* [Turkish]
5. Erdem A, Temeltas O, Caglar S, **Baskaya MK**. Sphenoidal and nasopharyngeal electrodes in the electrographical study of patients with complex partial epilepsy. *Turkish Journal of Research in Medical Sciences 9:86-90, 1991* [Turkish]

6. Deda H, Cakiroglu E, **Baskaya MK**, Bulay O, Yuzubenli A, Kanpolat Y. Histopathological evaluation of DREZ lesions (An experimental study). *The Journal of the Faculty of Medicine University of Ankara* 44:381-388, 1991 [Turkish]
7. Egemen N, Sanlidilek U, Zorlutuna A, **Baskaya MK**, Bilgic S, Caglar S, Unlu A. Transclival approach to rabbit basilar artery for experimental induction of chronic vasospasm. *Acta Neurochirurgica* 115:123-126, 1992
8. Dincer F, Dincer C, **Baskaya MK**. Results of the combined treatment of paediatric intraspinal tumours. *Paraplegia* 30:718-728, 1992
9. Gokalp HZ, **Baskaya MK**, Aydin V. Pseudotumor cerebri with familial Mediterranean fever. *Clinical Neurology and Neurosurgery* 94:261-263, 1992
10. Naderi S, Egemen N, Gokalp H, Culcuoglu A, Erdogan A, **Baskaya MK**. The value of dermatomal somatosensory evoked potentials in evaluation of herniated lumbar disc. *Turkish Neurosurgery* 2:139-143, 1992 [Turkish]
11. Egemen N, Deda H, **Baskaya MK**, Aydin V. Saphenous vein bypass graft for cerebral revascularization. *Turkish Neurosurgery* 3:219-223, 1992 [Turkish]
12. Gokalp HZ, Arasil E, Egemen N, Balim T, **Baskaya MK**, Attar A. Surgical treatment of spontaneous intracerebral hematomas. *The Journal of the Faculty of Medicine University of Ankara* 45:186-196, 1992 [Turkish]
13. Arasil E, Deda H, **Baskaya MK**, Attar A, Sanlidilek U. Moyamoya disease associated with intraventricular hemorrhage. Case report. *Turkish Neurosurgery* 4:292-295, 1992 [Turkish]
14. Egemen N, Turker RK, Sanlidilek U, Bilgic S, **Baskaya MK**, Caglar S, Unlu A. The effect of Iloprost on chronic cerebral vasospasm. *General Pharmacology* 24:403-409, 1993
15. Egemen N, Turker RK, Sanlidilek U, Zorlutuna A, Bilgic S, **Baskaya MK**, Unlu A, Caglar S, Spetzler RF, McCormick JM. The effect of intrathecal sodium nitroprusside on severe chronic vasospasm. *Neurological Research* 15:310-315, 1993
16. **Baskaya MK**, Yuceer N, Erdogan A. Syringomyelia in a child: A case report. *Journal of Ankara Medical School* 15:779-782, 1993 [Turkish]
17. Gokalp HZ, Deda H, **Baskaya MK**, Erekul S, Bulay O. Pituitary abscesses: report of three cases. *Neurosurgical Review* 17:199-203, 1994

18. Gokalp HZ, Deda H, Coskun K, **Baskaya MK**. Trigeminal Schwannomas: report of seven cases. Sami M. (ed): *Skull Base Surgery, First International Skull Base Congress, Hannover 1992. Basel-Karger, pp:926-929,1994*
19. **Baskaya MK**, Erekul S, Egemen N, Gokalp HZ, Sertcelik A. Choroid plexus carcinoma of the lateral ventricle. Report of a case in an adult. *Clinical Neurology and Neurosurgery 96:47-51, 1994*
20. **Baskaya MK**, Suzuki Y, Seki Y, Negoro M, Ahmed M, Sugita K. Dural arteriovenous malformations in the anterior cranial fossa. *Acta Neurochirurgica 129:146-151, 1994*
21. **Baskaya MK**, Yuceer N, Dincer C, Sertcelik A. A parietal convexity meningioma in a child. Case report. *Journal of Ankara Medical School 16:873-878, 1994* [Turkish]
22. Dincer C, **Baskaya MK**, Yuceer N. Solitary intracranial plasmocytoma in a child. Report of a 7-year-old girl. *Turkish Neurosurgery 4:47-50, 1994* [Turkish]
23. Dincer C, Bagdatoglu C, Attar A, **Baskaya MK**. Diagnosis and treatment of sincipital encaphalocels. *Neurology 1:51-57, 1994* [Turkish]
24. Seki Y, Suzuki Y, **Baskaya MK**, Saito K, Takayasu M, Shibuya M, Sugita K. The effects of pituitary adenylate cyclase-activating polypeptide on canine cerebral arteries and vertebral artery blood flow in anesthetized dogs. *European Journal of Pharmacology 275:259-266, 1995*
25. Seki Y, Suzuki Y, **Baskaya MK**, Saito K, Takayasu M, Shibuya M, Sugita K. Central cardiovascular effects induced by intracisternal PACAP in dogs. *American Journal of Physiology 269:H135-H139, 1995*
26. Gokalp HZ, Deda H, **Baskaya MK**, Berk C. Giant cholesterol cyst in petrous bone. A case report. *Neurosurgical Review 18:205-208, 1995*
27. Egemen N, **Baskaya MK**, Turker RK, Unlu A, Caglar S, Guven C, Akbay C, Attar A. Protection by Iloprost (stable analogue of prostacyclin) of endothelial damage due to chronic vasospasm in dogs: An electron microscope study. *Neurological Research 17:301-306, 1995*
28. Saito K, **Baskaya MK**, Shibuya M, Suzuki Y, Sugita K. A false traumatic aneurysm of the dorsal wall of the supraclinoid internal carotid artery: A case report and literature review. *Neurologia Medico-Chirurgica (Tokyo) 35:886-891, 1995*
29. Shibuya M, **Baskaya MK**, Saito S, Suzuki Y, Oaka K, Hara M. Cavernous malformations of the optic chiasma. *Acta Neurochirurgica 136:29-36, 1995*

30. **Baskaya MK**, Suzuki Y, Anzai M, Seki Y, Saito K, Takayasu M, Shibuya M, Sugita K. Effects of Adrenomedullin, Calcitonine Gene-Related Peptide, and Amylin on canine cerebral circulation in dogs. *Journal of Cerebral Blood Flow and Metabolism* 15:827-834, 1995
31. Rao AM, **Baskaya MK**, Malley EM, Prasad MR, Dempsey RJ. Ornithine decarboxylase activity and edema formation in cerebral ischemia of conscious gerbils. *Journal of Neurochemistry* 65:2639-2643, 1995
32. Attar A, **Baskaya MK**, Egemen N. Ceftazidim prophylaxis in Neurosurgical operations. *Turkish Journal of Research in Medical Sciences* 15:248-249, 1995 [Turkish]
33. Gokalp HZ, Yuceer N, Arasil E, Erdogan A, Dincer C, **Baskaya MK**. The colloid cysts of the third ventricle: Evaluation of 28 cases of colloid cysts of the third ventricle operated on by transcortical transventricular (25 cases) and transcallosal transventricular (3 cases) approaches. *Acta Neurochirurgica* 138:45-49, 1996
34. Yuceer N, **Baskaya MK**, Gokalp HZ. A huge colloid cyst of the third ventricle associated with calcification in the cyst wall. Case report. *Neurosurgical Review* 19:131-133, 1996
35. Suzuki Y, Shibuya M, **Baskaya MK**, Takakura S, Yamamoto M, Saito K, Glazier SS, Sugita K. Extracerebral cavernous angiomas of the cavernous sinus in the middle fossa. *Surgical Neurology* 45:123-132, 1996
36. **Baskaya MK**, Rao AM, Prasad MR, Dempsey RJ. Regional activity of ornithine decarboxylase and edema formation after traumatic brain injury. *Neurosurgery* 38:140-145, 1996
37. **Baskaya MK**, Rao AM, Prasad MR, Dempsey RJ. Effect of difluoromethylornithine treatment on regional ornithine decarboxylase activity and edema formation after experimental brain injury. *Journal of Neurotrauma* 13:85-92, 1996
38. **Baskaya MK**, Prasad MR, Hu Y, Donaldson D, Rao AM, Dempsey RJ. Enhanced accumulation of free fatty acids in experimental focal cerebral ischemia. *Prostaglandins, Leukotrienes and Essential Fatty Acids* 54:167-171, 1996
39. Dempsey RJ, **Baskaya MK**, Combs DJ, Donaldson D, Rao AM, Prasad MR. Delayed hyperglycemia and intracellular acidosis during focal cerebral ischemia in cats. *Acta Neurochirurgica* 138:745-751, 1996
40. Dogan A, Temiz C, Turker RK, Egemen N, **Baskaya MK**. Effect of prostacyclin analogue, iloprost, on infarct size after permanent focal cerebral ischemia. *General Pharmacology* 27:1163-1166, 1996

41. **Baskaya MK**, Yuceer N, Egemen N. A false traumatic giant aneurysm of the supraclinoid carotid artery. A case report and review of the literature. *Neurological Research* 18:135-139, 1996
42. **Baskaya MK**, Hu Y, Donaldson D, Maley M, Rao AM, Prasad MR, Dempsey RJ. Protective effect of 5-lipoxygenase inhibitor AA 861 on cerebral edema after transient cerebral ischemia. *Journal of Neurosurgery* 85:112-116, 1996
43. **Baskaya MK**. Cavernous angiomas of the cavernous sinus. Letter to the Editor. *British Journal of Neurosurgery* 10:422-423, 1996
44. Dempsey RJ, **Baskaya MK**, Combs DJ, Donaldson D, Rao AM, Prasad MR. Effect of hyperglycemia on reperfusion associated recovery of intracellular pH and high energy phosphates after transient cerebral ischemia in gerbils. *Neurological Research* 18:546-552, 1996
45. Rao AM, **Baskaya MK**, Maley M, Dempsey RJ. Beneficial effects of S-adenosyl-L-methionine on blood-brain barrier breakdown and neuronal cell survival in transient cerebral ischemia of gerbils. *Molecular Brain Research* 44:134-138, 1997
46. **Baskaya MK**, Rao AM, Dogan A, Donaldson D, Dempsey RJ. Regional brain polyamine levels in permanent focal cerebral ischemia. *Brain Research* 744:302-308, 1997
47. **Baskaya MK**, Rao AM, Donaldson D, Prasad MR, Dempsey RJ. Protective effects of ifenprodil on ischemic injury size, blood-brain barrier breakdown, and edema formation in focal cerebral ischemia. *Neurosurgery* 40:364-371, 1997
48. **Baskaya MK**, Rao AM, Dogan A, Donaldson D, Dempsey RJ. The biphasic opening of the blood-brain barrier in the cortex and hippocampus after traumatic brain injury in rats. *Neuroscience Letters* 226:33-36, 1997
49. Dogan A, Rao AM, **Baskaya MK**, Rao VR, Rastl J, Dempsey RJ. Effects of ifenprodil, a polyamine site NMDA receptor antagonist, on reperfusion injury after transient focal cerebral ischemia. *Journal of Neurosurgery* 87:921-926, 1997
50. Vemuganti R, **Baskaya MK**, Rao AM, Dogan A, Dempsey RJ. Increased ornithine decarboxylase activity and protein level in the cortex following traumatic brain injury in rats. *Brain Research* 783:163-166, 1998
51. Vemuganti R, **Baskaya MK**, Dogan A, Rothstein JD, Dempsey RJ. Traumatic brain injury down-regulates glial glutamate transporter (GLT-1 and Glast) proteins in rat brain. *Journal of Neurochemistry* 70:2020-2027, 1998

52. Dogan A, **Baskaya MK**, Rao VLR, Rao AM, Dempsey RJ. Intraluminal suture occlusion of middle cerebral artery in spontaneously hypertensive rats. *Neurological Research* 20:265-270, 1998
53. Rao AM, Hatcher JF, **Baskaya MK**, Dempsey RJ. Simultaneous assay of ornithine decarboxylase and polyamines after central nervous system injury gerbil and rat. *Neuroscience Letters* 256:65-68, 1998
54. Dogan A, Rao AM, Hatcher J, Rao VLR, **Baskaya MK**, Dempsey RJ. Effects of MDL 72527, a specific inhibitor of polyamine oxidase, on brain edema, ischemic injury volume and tissue polyamine levels in rats after temporary middle cerebral artery occlusion. *Journal of Neurochemistry* 72:765-770, 1999
55. Sandin J, Shahriar S, **Baskaya MK**, Dempsey RJ. Intracerebral hemorrhage due to the rupture of nontraumatic middle cerebral artery aneurysm. Case report and literature review. *Journal of Neurosurgery* 90:951-954, 1999
56. **Baskaya MK**, Dogan A, Dempsey RJ. Application of endovascular suture occlusion of the middle cerebral artery in gerbils to obtain consistent infarction. *Neurological Research* 21:574-578, 1999
57. Dogan A, Rao AM, **Baskaya MK**, Hatcher J, Temiz C, Rao VLR, Dempsey RJ. The contribution of polyamine oxidase to brain injury after trauma. *Journal of Neurosurgery* 90:1078-1082, 1999
58. **Baskaya MK**, Roberts R, Polin RS. Intradural nerve root hematoma in the lumbar spine. Case Illustration *Journal of Neurosurgery (Spine)* 91:242, 1999
59. **Baskaya MK**. Inadvertent intracranial placement of a nasogastric tube in patients with head injuries. *Surgical Neurology* 52:426-427, 1999
60. Sheehan JP, Polin RS, Sheehan JM, **Baskaya MK**, Kassel NF. Factors associated with hydrocephalus following aneurysmal subarachnoid hemorrhage. *Neurosurgery* 45:1120-1128, 1999
61. **Baskaya MK**, Dogan A, Temiz C, Dempsey RJ. Application of 2,3,5-triphenyltetrazolium chloride (TTC) staining to evaluate injury volume after controlled cortical impact brain injury: Role of brain edema in evolution of injury volume. *Journal of Neurotrauma* 17:93-99, 2000
62. Polin R, Coenen VA, Hansen CA, Shin P, **Baskaya MK**, Nanda A, Kassel NF. The efficacy of transluminal angioplasty for the management of symptomatic cerebral vasospasm following aneurysmal subarachnoid hemorrhage. *Journal of Neurosurgery* 92:284-290, 2000

63. **Baskaya MK**, Dogan A, Rao AM, Dempsey RJ. Neuroprotective effects of citicoline on brain edema and blood-brain barrier breakdown after traumatic brain injury. *Journal of Neurosurgery* 92:448-452, 2000
64. Yuceer N, **Baskaya MK**, Smith P, Willis BK. Hematoma of the ligamentum flavum in the lumbar spine. Case report. *Surgical Neurology* 53:598-600, 2000
65. Dempsey RJ, **Baskaya MK**, Dogan A. Attenuation of brain edema, blood-brain barrier breakdown by ifenprodil, a polyamine-site NMDA receptor antagonist, after experimental brain injury. *Neurosurgery* 47:399-404, 2000
66. Sathyanarayana S, Wylen EL, **Baskaya MK**, Nanda A. Spontaneous bowel perforation after ventriculoperitoneal shunt surgery. Case report and review of 45 cases. *Surgical Neurology* 54:388-396, 2000
67. Menendez JA, **Baskaya MK**, Day MA, Nanda A. Type III occipital condyle fracture presented with hydrocephalus, vertebral artery injury and resultant vasospasm. A case report. *Neuroradiology* 43:246-248, 2001
68. **Baskaya MK**, Menendez JA, Yuceer N, Polin R, Nanda A. Results of surgical treatment of intrasylvian hematomas due to ruptured intracranial aneurysms. *Clinical Neurology and Neurosurgery* 103:23-28, 2001
69. Williams GR, **Baskaya MK**, Apple SL, Polin RS, Willis BK, Nanda A. Burrhole versus twist drill drainage for evacuation of chronic subdural hematoma. A comparison of clinical results. *Journal of Clinical Neuroscience* 8:551-554, 2001
70. **Baskaya MK**, Roberts R, Rivera E, Nanda A. Persistent trigeminal artery associated with posterior communicating artery aneurysm and hypoplastic vertebral artery. *Surgical and Radiologic Anatomy* 23:169-171, 2001
71. **Baskaya MK**, Menendez JA, Willis BK. Late presentation of tethered spinal cord in a 73-year-old patient. *Journal of American Geriatric Society* 49:682-683, 2001
72. Prasad VR, Nanda A, Kelley R, **Baskaya MK**. Delayed diagnosis of intracranial aneurysms: confounding factors in clinical presentation and the influence of misdiagnosis on outcome. *Southern Medical Journal* 94:1108-1111, 2001
73. Nanda A, Vincent DA, Prasad VR, **Baskaya MK**. Far-lateral approach to intradural lesions of the foramen magnum without resection of the occipital condyle. *Journal of Neurosurgery* 96:302-309, 2002
74. Sathyanarayana S, **Baskaya MK**, Roberts R, Nanda A. Solitary tuberculoma of the cerebellopontine angle: a rare presentation. *Journal of Clinical Neuroscience* 10:120-122, 2003

75. Wang M, Coscarella E, **Baskaya MK**, Green B, Levi AO, Guest J. Minimally invasive cervical expansile laminoplasty: an initial cadaveric study. *Neurosurgery* 52:370-373, 2003
76. Nanda A, Vannemreddy PS, Willis BK, **Baskaya MK**, Jawahar A. Management of carotid artery injuries: Louisiana State University Shreveport Experience. *Surgical Neurology* 59:184-190, 2003
77. Coscarella E, **Baskaya MK**, Morcos JJ. An Alternative Extradural Exposure to the Anterior Clinoid Process: The Superior Orbital Fissure as a Surgical Corridor. Surgical Anatomy, Technical Note and Clinical Experience. *Neurosurgery* 53:162-167, 2003
78. Jea A, **Baskaya MK**, Morcos JJ. Penetration of the Optic Nerve by an Internal Carotid Artery-Ophthalmic Artery Aneurysm: Case Report and Literature Review. *Neurosurgery* 53:996-1000, 2003
79. Avci E and **Baskaya MK**. The surgical anatomy of the anomalous posterior communicating artery. Proceedings of the 3rd International Mt. Bandai Symposium for Neuroscience and the 4th Pan-Pacific Neurosurgery Congress. Eds: Watanabe K, Ito Y, Katayama S, Goto H. Hawaii February 22-28, 2003 pp 3-10.
80. **Baskaya MK**, Coscarella E, Gomez F, Morcos JJ. Surgical and angiographic anatomy of the posterior communicating and anterior choroidal arteries. *Neuroanatomy* 3:38-42, 2004
81. Temiz C, Dogan A, **Baskaya MK**, Dempsey RJ. Dose-dependent effect of difluoromethylornithine on reperfusion injury after temporary middle cerebral artery occlusion. *Journal of Clinical Neuroscience* 12:449-452, 2005
82. Tummala RP, **Baskaya MK**, Heros RC. Contemporary Management of Incidental Intracranial Aneurysms. *Neurosurgical Focus* 18(1): e9, 2005
83. Ugur HC, Kahilogullari G, Coscarella E, Tekdemir I, Unlu A, Elhan A, Morcos JJ, **Baskaya MK**. Arterial vascularization of the primary motor cortex (precentral gyrus). *Surgical Neurology* 64 (Suppl 2): S48-52, 2005
84. **Baskaya MK**, Tummala R, Coscarella E, Jea A, Heros RC. Surgical management of middle cerebral artery aneurysms. Surgical anatomy, approaches and pitfalls. *Neurosurgery Quarterly* 15:201-210, 2005
85. Jea A, **Baskaya MK**, Farhat H, Benglis D, Zauner A. Pneumocephalus in a patient with a ventriculo-peritoneal shunt after percutaneous fluoroscopic

- gastrojejunostomy catheter placement: case report. *Surgical Neurology* 65:87-89, 2006
86. **Baskaya MK**, Coscarella E, Jea A, Morcos JJ. Aneurysm of the Anterior Inferior Cerebellar Artery-Posterior Inferior Cerebellar Artery variant: Case report and with anatomical description in the cadaver. *Neurosurgery* 58: E388, 2006
 87. **Baskaya MK**, Jea A, Heros RC, Javahary R, Sultan A. Cerebral arteriovenous malformations. *Clinical Neurosurgery* vol. 53,114-144, 2006
 88. Quintero S, **Baskaya MK**, Heros RC, Tummala RP. Cerebral aneurysms: learning from the past and looking towards the future. *Clinical Neurosurgery* vol. 53, 157-178, 2006
 89. **Baskaya MK**, Heros RC. Complications of embolization of cerebral arteriovenous malformations. Editorial. *Journal of Neurosurgery*104:183-186, 2006.
 90. Moftakhar R, Rowley H, Turk A, Niemann D, Aagard-Kineitz B, Gomple J, **Baskaya MK**. Utility of CT perfusion in detection of cerebral vasospasm in patients with subarachnoid hemorrhage. *Neurosurgical Focus* 21(3): E6, 2006
 91. Rajpal S, Resnick DK, **Baskaya MK**. The role of journal club in neurosurgical training. *Neurosurgery* 61:397-403, 2007
 92. Elhammady MSA, **Baskaya MK**, Sonmez OF, Morcos JJ. Persistent Primitive Hypoglossal Artery with Retrograde Flow from the Vertebrobasilar System. Case Report. *Neurosurgical Review* 30:345-349, 2007
 93. Izci Y, Moftakhar R, Salamat MS, **Baskaya MK**. Spinal intramedullary cysticercosis of the conus medullaris. *Wisconsin Medical Journal* 107(1):37-39, 2008.
 94. Moftakhar R, Izci Y, **Baskaya MK**. Microsurgical Anatomy of the Supracerebellar Transtentorial Approach to the Posterior Mediobasal Temporal Region: Technical Considerations with a Case Illustration. *Neurosurgery* 62(3 Suppl 1):1-8, 2008
 95. Izci Y, Moftakhar R, Pyle M, **Baskaya MK**. Retromandibular fossa approach to the high cervical internal carotid artery: An anatomical study. *Neurosurgery* 62:363-370, 2008
 96. **Baskaya MK**, Ahmed A, Ates O, Niemann D. Surgical treatment of blood blister-like aneurysms of the supraclinoid internal carotid artery with extracranial-intracranial bypass and trapping *Neurosurgical Focus* 24(2): E13, 2008.
 97. Ates O, Ahmed A, Niemann D, **Baskaya MK**. The Occipital artery for posterior circulation bypass: microsurgical anatomy *Neurosurgical Focus* 24(2): E9, 2008.

98. Rocque B, **Baskaya MK**, Kuo J. Letter to the Editor on Incidental Findings on Brain MRI in the General Population. *New England Journal of Medicine* 358 (8):853, 2008
99. **Baskaya MK**, Kiehn M, Ahmed A, Ates O, Niemann D. Alternative vascular graft for extracranial-intracranial bypass surgery: descending branch of the lateral circumflex femoral artery. *Neurosurgical Focus* 24(2): E8, 2008.
100. Elhammady MS, **Baskaya MK**, Heros RC. Early elective surgical exploration of spontaneous intracerebral hematomas of unknown origin. *Journal of Neurosurgery* 109:1005-1011, 2008.
101. Rocque B, **Baskaya MK**. Spontaneous Acute Subdural Hematoma as an Initial Presentation of Choriocarcinoma. A Case Report. *Journal of Medical Case Reports* June 19 2(1):211, 2008.
102. Seckin H, Avci E, Uluc K, Niemann D, **Başkaya MK**. The Work Horse of Skull Base Surgery: Orbitozygomatic Approach. Technique, Modifications and Applications. *Neurosurgical Focus* 25(6): E4 1-12, 2008
103. Izi Y, Agrawal B, Ates O, **Baskaya MK**. Superficial vascular anatomy of the medial prefrontal cortex: an anatomical study. *Surgical Neurology* 72:383-388, 2009.
104. Seckin H, Ates O, Bauer A, **Baskaya MK**. Microsurgical anatomy of the posterior spinal artery via far lateral transcondylar approach. *Journal of Neurosurgery: Spine* 10:228-233, 2009.
105. Izi Y, Medow J, Seckin H, Turnquist C, **Baskaya MK**. Sulcal and Gyral Anatomy of the Orbitofrontal Cortex in Relation to the Recurrent Artery of Heubner: An Anatomical Study. *Surgical and Radiologic Anatomy* 31:439-445, 2009.
106. Liu YP, Izi Y, Seckin H, Du ZW, Yan Y, **Baskaya MK**. Neuroprotective effects of mesenchymal stem cells derived from human embryonic stem cells in transient focal cerebral ischemia in rats. *Journal of Cerebral Blood Flow and Metabolism* 29(4):780-791, 2009.
107. Liu YP, Lang B, Dempsey RJ, **Baskaya MK**, Vemuganti R. The potential of neural stem cells to repair stroke-induced brain damage. *Acta Neuropathologica* 117(5):469-480, 2009.
108. Izi Y, Seckin H, Ates O, Medow J, **Baskaya MK**. Supracerebellar Transtentorial Transcollateral Sulcus Approach to the Atrium of the Lateral ventricle:

- Microsurgical Anatomy and Surgical technique in Cadaveric Dissections. *Surgical Neurology* 72:509-514, 2009.
109. Medow J, Agrawal B, **Baskaya MK**. Ischemic cerebral edema. *Neurosurgery Quarterly* 19:147-155, 2009.
 110. Serarslan Y, Uluc K, **Baskaya MK**. A vermian artery originating from the posterior cerebral artery: an anatomical case report. *Surgical and Radiologic Anatomy* 31:645-647,2009.
 111. Seckin H, Patel N, Avci E, Dempsey RJ, **Baskaya MK**. Removal of Cavernous Malformation of the Meckel's Cave by Extradural Pterional Approach Using Heros Muscle Dissection Technique. *Surgical Neurology* 72(6):733-736, 2009.
 112. Uluc K, Kujoth G, **Baskaya MK**. Operating microscope: past, present and future. *Neurosurgical Focus* 27 (3): E4, 2009.
 113. Kertmen H, Turkoglu E, **Baskaya MK**. A calcified sellar lesion. *Journal of Clinical Neuroscience* 17(7):897 and 956, 2010.
 114. Turkoglu E, Kertmen H, **Baskaya MK**. A young woman with progressive headache after head trauma. *Journal of Clinical Neuroscience* 17(6):760 and 816, 2010.
 115. Seckin H, Avci M, Uluc K, Dempsey RJ, **Baskaya MK**. Microsurgical treatment of anterior communicating artery aneurysms. Part I. *Contemporary Neurosurgery* 31(24):1-6, 2009.
 116. **Baskaya MK**, Seckin H, Avci M, Dempsey RJ, Uluc K. Microsurgical treatment of anterior communicating artery aneurysms. Part II. *Contemporary Neurosurgery* 31(25):1-8, 2009.
 117. Nett BE, Aagard-Kienitz B, Bauer A, **Baskaya MK**, Chen GH. A simple technique for interventional tool placement combining fluoroscopy with interventional computed tomography on a C-arm system. *Neurosurgery* 67 (ONS Suppl):49-57, 2010.
 118. Uluc K, Miranpuri A, Akture E, Kujoth G, **Baskaya MK**. Focal cerebral ischemia model by endovascular suture occlusion of the middle cerebral artery in the rats. *Journal of Visualized Experiments* Feb (5): pii:1978. doi:10.3791/1978.
 119. Avci E, Dağtekin A, Öztürk H, Kara E, Öztürk NC, Uluç K, Aktüre E, **Başkaya MK**. Anatomical variations of the foramen magnum, occipital condyle and jugular tubercle. *Turkish Neurosurgery* 21(2):181-190, 2011
 120. Turkoglu E, Kertmen H, Patel N, Arat A, **Baskaya MK**. Anterior communicating artery aneurysm associated with an infraoptic course of anterior cerebral artery and

- rare variant of the persistent trigeminal artery: a case report and literature review. *Clinical Neurology and Neurosurgery* 113:335-340, 2011
121. Avcı E, Dağtekin A, Uluç K, Aktüre E, **Başkaya MK**. Microsurgical anatomy of the Vein of Labbé. *Surgical and Radiologic Anatomy* 33(7):569-573, 2011
 122. Avcı E, Seckin H, Uluc K, Izci Y, Bauer A, Morcos JJ, **Baskaya MK**. Level I to III craniofacial approaches based on Barrow classification for treatment of skull base meningiomas: surgical technique, microsurgical anatomy, and case illustrations. *Neurosurgical Focus* May 30(5):E5, 2011
 123. Aktüre E, Salamat MS, Korkmaz H, **Baskaya MK**. Ganglioneuroma of the sphenoid wing: a case report and literature review. *Clinical Neuropathology* 30(36):313-317, 2011
 124. Agrawal BM, Dziurzynski K, Salamat S, Kuo J, **Baskaya MK**. The temporal association of sphenoid sinus mucosal thickening on MR imaging with pituitary apoplexy. *Turkish Neurosurgery* 22(6):785-790, 2012.
 125. **Baskaya MK**. and Uluc K. Application of a new fenestrated clip (Yasargil T-bar clip) for treatment of fusiform M1 aneurysm: Instrumentation and technique. *Neurosurgery* Jun; 70(2 Suppl Operative):339-342, 2012
 126. Kennedy AT, Lubner MG, Lake W, Salamat S, Gentry LR, **Baskaya MK**. Posttransplantation lymphoproliferative disorder of the central nervous system: Spectrum of imaging and pathological findings. *Neurographics* 1(2): 2-12, 2012.
 127. Arslan M, Avcı E, Deda H, Elhan A, Tekdemir I, Tubbs S, Silav G, Yilmaz E, **Baskaya MK**. Anatomy of Meckel's cave and the trigeminal ganglion: anatomical landmarks for a safer approach to them. *Turkish Neurosurgery* 22(3):317-323, 2012.
 128. Aktüre E, Arat A, Niemann DB, Salamat MS, **Baskaya MK**. Bilateral A1 fenestrations: Report of two cases and literature review. *Surgical Neurology International* 3:43, Apr. 16, 2012.
 129. Gartrell BC, Hansen MH, Gantz BJ, Gluth MB, Mowry S, Aagard-Kienitz BL, **Baskaya MK**, Gubbels SP. Facial and lower cranial neuropathies after preoperative embolization of jugular foramen lesions with ethylene vinyl alcohol. *Otology & Neurotology* Sep; 33(7):1270-1275, 2012
 130. Kahilogullari G, Uz A, Eroglu U, Apaydin N, Yesilirmak Z, **Baskaya MK**, Egemen N. Does the sphenoid angle effect the operation strategy? Anatomical and radiological investigation. *Turkish Neurosurgery* 22(5):618-623, 2012

131. Bozkurt M, Canbay S, Neves GF, Akture E, Fidan E, Salamat MS, **Baskaya MK**. Microsurgical anatomy of the dorsal thoracic rootlets and dorsal root entry zones. *Acta Neurochirurgica* 154(7):1235-1239, 2012
132. Nickele C, Akture E, Gubbels S, **Baskaya MK**. A stepwise illustration of the translabyrinthine approach to a large cystic vestibular schwannoma. *Neurosurgical Focus Sep*; 33(3): E11, 2012
133. Akture E, Salamat MS, **Baskaya MK**. Intracranial blastomycosis presenting as an enhancing cerebellopontine mass. *Turkish Neurosurgery* 23(2)252-255, 2013.
134. Miranpuri A, Akture E, Baggot C, Miranpuri A, Uluc K, Gunes E, Lin Y, Niemann D, **Baskaya MK**. Demographic, circadian and climatic factors in aneurysmal versus non-aneurysmal subarachnoid hemorrhage: 384 cases from Midwestern US. *Clinical Neurology & Neurosurgery* 11(3):298-303, 2013
135. Nickele C, Hanna A, **Baskaya MK**. Osteotomy for laminoplasty without soft tissue penetration, performed using a Harmonic bone scalpel: instrumentation and technique. *Journal of Neurological Surgery. Part A : Central European Neurosurgery* 74(3):183-186, 2013
136. Ozgiray E, Akture E, Patel N, Baggot C, Bozkurt M, Niemann D, **Baskaya MK**. How reliable and accurate is Indocyanine green video angiography in the evaluation of aneurysm obliteration? *Clinical Neurology and Neurosurgery* 115:870-878, 2013.
137. Figueiredo N, Brooks N, Hanna A, **Baskaya MK**, Trost GR, Resnick D. Intraspinial ependymomas: case series study of myxopapillary and intramedullary ependymomas. *Chirurgia* 26:101-110, 2013
138. Lake W, Chang J, Kennedy T, Salamat MS, **Baskaya MK**. A case series of primary central nervous system post-transplant lymphoproliferative disorder: Imaging and clinical characteristics. *Neurosurgery* 72(6):960-970, 2013.
139. Gürer B, Bozkurt M, Neves G, Cıkla U, Hananya T, Antar V, Salamat S, **Başkaya MK**. Subparietal and parietooccipital sulci: An anatomical study. *Clinical Anatomy* 26(6):667-674, 2013.
140. Canbay S, Gurer B, Bozkurt M, **Baskaya MK**. Anatomical relationship and positions of the lumbar and sacral segments of the spinal cord according to the vertebral bodies and spinal roots. *Clinical Anatomy* 27(2):227-233, 2014.
141. Gurer B, Canbay S, Bozkurt M, Cıkla U, Hananya T, Okut H, **Baskaya MK**. Microsurgical anatomy of the denticulate ligaments and their relationship with the axilla of the spinal nerve roots. *Clinical Anatomy* 27:733-737, 2014.

142. Gurer B, Antar V, Cikla U, Bauer A, **Baskaya MK**. Intraoperative dynamic assessment of the posterior communicating artery and its branches by indocyanine-green videoangiography. *Surgical Neurology International* Sept 25; 4:122, 2013.
143. Anderson BM, Khuntia D, Bentzen SM, Geye HM, Hayes LL, Kuo JS, **Baskaya MK**, Badie B, Basavatia A, Pyle GM, Tome WA, Mehta MP. Single institution experience treating 104 vestibular schwannomas with fractionated stereotactic radiation therapy or stereotactic radiosurgery. *Journal of Neurooncology* 116(1):187-93, 2014.
144. Dağtekin A, Avcı E, Uzmannel D, Kurtoglu Z, Kara E, Uluç K, Aktüre E, **Başkaya MK**. Microsurgical Anatomy and Variations of the Anterior Clinoid Process. *Turkish Neurosurgery* 24(4):484-493, 2014
145. Cikla U, Kujoth GC, **Baskaya MK**. A stepwise illustration of the retrosigmoid approach for resection of a cerebellopontine meningioma. *Neurosurgical Focus* Jan:36 (1 Suppl):1, 2014
146. Wolf RC, Philippi CL, Motzkin JC, **Baskaya MK**, Koenigs M. Ventromedial prefrontal cortex mediates visual attention during facial emotion recognition. *Brain* Jun; 137(Pt 6):1772-1780, 2014.
147. Motzkin JC, Philippi CL, **Baskaya MK**, Koenigs M. Ventromedial prefrontal cortex is critical for the regulation of amygdala activity in humans. *Biological Psychiatry* Feb 26. pii: S0006-3223 (14)00109-7, 2014.
148. Cikla U, Giampietro PF, Sadighi A, **Baskaya MK**. Ruptured posterior communicating artery aneurysm associated with Aarskog syndrome. *Neurologia Medico-chirurgica NMC Case Report Journal* 2(3):85-87, 2014.
149. Kertmen H, Gurer B, Turkoglu E, Uluc K, Cikla U, Salamat S, **Baskaya MK**. The determination and comparison of the vascular configurations of the posterior cerebral and posterior communicating arteries by two different techniques. *Journal of Neurosurgical Science* 60(4):430-437, 2014.
150. Cikla U, Sadighi A, Bauer A, **Baskaya MK**. Fatal ruptured blood blister-like aneurysms of middle cerebral artery associated with Ehlers-Danlos syndrome type VIII (periodontitis type). *Journal of Neurological Surgery-Reports* 75: e210-e213, 2014.
151. Turkoglu E, Seckin H, Ahmed A, Uluc K, Pulfer K, Arat A, Niemann D, **Baskaya MK**. The Cadaveric perfusion and angiography as a teaching tool: imaging the intracranial vasculature in cadavers. *Journal of Neurological Surgery - Skull Base* 75:435-444, 2014

152. Motzkin JC, Philippi C, Wolf RC, **Baskaya MK**, and Koenigs M. Ventromedial prefrontal cortex lesions alter neural and physiological correlates of anticipation. *Journal of Neuroscience Jul. 30;34(31):10430-10437, 2014*
153. Cikla U, Baggott C, **Baskaya MK**. How I do it: Treatment of blood blister-like aneurysms of the supraclinoid internal carotid artery by extracranial to intracranial bypass and trapping. *Acta Neurochirurgica 156(11);2071-2077, 2014*
154. Cikla U, Aagaard Kienitz B, Niemann DB, Turski PA, MD¹ **Baskaya MK**. Familial Perimesencephalic Subarachnoid Hemorrhage: Association or coincidence? Case report. *Journal of Medical Case Reports. Nov. 22; 8:380, 2014*
155. Cikla U, Baggot C, **Baskaya MK**. Gross total resection of large cervical intramedullary ependymoma: Demonstration of microsurgical techniques. *Turkish Neurosurgery 24(5):763-764, 2014.*
156. Cikla U, Baggot C, Ahmed A, Niemann D, **Baskaya MK**. Blood blister-like aneurysms of the intracranial arteries. *Contemporary Neurosurgery 36(26):1-8, 2014.*
157. Yoon H, Mehta MP, Perumal K, Helenowski IB, Chappell RJ, Akture E, Lin Y, Marymont MH, Sejpal S, Parsa A, Chandler J, Bendok BR, Rosenow J, Salamat S, Kumthekar P, Raizer J, **Baskaya MK**. Atypical meningioma: randomized trials are required to resolve contradictory retrospective results regarding the role of adjuvant radiotherapy. *Journal of Cancer Research and Therapeutics 11(1):59-66, 2015*
158. Cikla U, Uluc K, **Baskaya MK**. Clip reconstruction of an 8 cm giant internal carotid artery bifurcation aneurysm: Microsurgical technique. *Neurosurgical Focus Jan; 38(VideoSuppl 1); Video 20, 2015.*
159. Nadkarni TN, Andreoli MJ, Nair VA, Yin P, Young B, Kundu B, Pankratz J, Radtke A, Holdsworth R, Kuo JS, Field AS, **Baskaya MK**, Moritz CH, Meyerand MA, Prabhakaran V. Usage of fMRI for pre-surgical planning in tumor and vascular lesion patients: task and statistical threshold effects on language lateralization. *Neuroimage: Clinical 24; 7:415-423, 2015*
160. Turkoglu E, Kertmen H, Uluc K, Akture E, Gurer B, Cikla U, Salamat S, **Baskaya MK**. Microsurgical anatomy of the posterior median septum of the human spinal cord. *Clinical Anatomy Jan. 28(1):45-51, 2015.*
161. Li Y, Ulas C, Baggot C, **Baskaya MK**. Surgical treatment of adult moyamoya disease with combined STA-MCA bypass and EDAS: Demonstration of technique in video presentation. *Turkish Neurosurgery 25(1):126-131, 2015*
162. Cikla U, Li Y, Duran SH, Kozan A, **Baskaya MK**. Treatment of Supraclinoid

- Internal Carotid Artery Iatrogenic Pseudoaneurysm with Extracranial-to-Intracranial Bypass and Trapping: Demonstration of Technique with Video Presentation. *Turkish Neurosurgery* 25(2):305-309, 2015
163. Motzkin JC, Philippi C, Oler JA, Kalin NH, **Baskaya MK**, and Koenigs M. Ventromedial prefrontal cortex damage alters resting blood flow to the bed nucleus of stria terminalis. *Cortex* 64:281-288, 2015.
 164. Liu CY, **Baskaya MK**. The Congress of Neurological Surgeons International Division 2014. *Neurosurgery. Aug Suppl* 1:79-80, 2015.
 165. Sandoval-Garcia C, Royalty K, Yang P, Niemann DB, Ahmed A, Aagaard-Kienitz B, **Baskaya MK**, Schafer S, Strother C. 4D DSA a New Technique for AVM Evaluation and Treatment Planning. *Journal of Neurointerventional Surgery* Mar;8(3):300-304, 2015
 166. Garg RK, Lee KS, Kohn SC, **Baskaya MK**, Afifi AM. Can ultrasound distinguish a supraorbital notch from a foramen? *Journal of Ultrasound in Medicine* Nov;34(11):2089-2091, 2015
 167. Yilmaz T, Cikla U, KirstA, **Baskaya MK**. Glioblastoma multiforme in Klippel-Trenaunay-Weber syndrome. Case report. *Journal of Medical Case Reports* Apr 17; 9:83, 2015.
 168. Cikla U, Uluc K, **Baskaya MK**. Microsurgical clipping of a giant vertebrobasilar junction aneurysm under hypothermic circulatory arrest. *Neurosurgical Focus* July 39 (Videosuppl1): V13, 2015.
 169. Cıkla U, Yılmaz T, Li Y, **Baskaya MK**. Clip Reconstruction of Giant Distal Anterior Cerebral Artery Aneurysm: 3-Dimensional Operative Video. *Neurosurgery* Sept;11 Suppl 3:463, 2015
 170. Ekici MA, Cıkla U, Bauer A, **Baskaya MK**. Osteopetrosis and Chiari type I malformation: a rare association. *Journal of Surgical Case Reports* Oct;26;2015(10), 2015
 171. Yilmaz T, Cikla U, **Baskaya MK**. Microsurgical treatment of thalamic cavernous malformation: 3-Dimensional Operative Video. *Neurosurgery* Dec; 11 Suppl 4:577, 2015.
 172. Garg RK, Poore SO, Wieland AM, Sanchez R, **Baskaya MK**, Hartig GK. Recipient vessel selection in the difficult neck: outcomes of external carotid artery transposition and end-to-end microvascular anastomosis. *Microsurgery* 37(2)96-100, 2017.

173. Mammadov J, Li Y, Cikla U, Hanna R, **Baskaya MK**. Cerebral vasospasm: Part I – Pathogenesis. *Contemporary Neurosurgery* 37 (9): 1-4, 2015.
174. Li Y, Cikla U, Mammadov J, Hanna R, **Baskaya MK**. Cerebral vasospasm: Part II – Diagnosis and treatment. *Contemporary Neurosurgery* 37(10):1-8, 2015.
175. Kujoth GC, Neves GF, Cikla U, Aktüre E, Uluç K, Song C, Hananya T, Sadighi A, Ferrazzano P, **Baskaya MK**. Monitoring ischemic cerebral injury in spontaneously hypertensive rats by diffusion tensor imaging. *Turkish Neurosurgery* 26(4):500-512, 2016
176. Swanson K, Cikla U, Uluc K, **Baskaya MK**. Supracerebellar transtentorial approach to the tentorial incisura and beyond. *Neurosurgical Focus Jan;40 video suppl 1. 2016*
177. Pujara MS, Wolf RC, **Baskaya MK**, Koenigs M. Ventromedial prefrontal cortex damage alters relative risk tolerance for prospective gains and losses. *Neuropsychologia* 79:70-75, 2015
178. Block LM, Jee YM, **Baskaya MK**, Bentz ML, Poore SO. Denying the obvious: Four extreme cases of neglected tumors. *Plastic Reconstructive Surgery - Global Open. Dec 9:3(11)::e571; 2015*
179. Pujara M, Philippi C, Motzkin J, **Baskaya MK**, Koenigs M. Ventromedial prefrontal cortex damage is associated with decreased ventral striatum volume and response to reward. *Journal of Neuroscience, May 4:36(18):5047-5054, 2016*
180. Cikla U, Swanson KI, Tunturk F, Uluc K, Keser N, Cohen-Gadol A, **Baskaya MK**. Microsurgical resection of tumors of the lateral and third ventricles: operative corridors for difficult-to-reach lesions. *Journal of Neuro-oncology* 130(2):331-340, 2016.
181. Haldeman C, Onen MR, Kozan A, Cikla U, **Baskaya MK**. Giant intracranial aneurysms. Part I: Diagnosis. *Contemporary Neurosurgery* 38(14):1-6, 2016
182. Haldeman C, Onen MR, Kozan A, Cikla U, **Baskaya MK**. Giant intracranial aneurysms. Part II: Surgical treatment strategies. *Contemporary Neurosurgery* 38(15):1-8, 2016.
183. Wolf RC, Pujara M, **Baskaya MK**, Koenig M. Emotion recognition deficits associated with ventromedial prefrontal cortex lesions are improved by gaze manipulation. *Cortex* Sept 82:255-262, 2016
184. Cikla U, Menekse G, Keles A, Quraishi A, Liu C, Neves G, Shahriar S, **Baskaya MK**. The sulci of the inferior surface of the temporal lobe: An anatomical study. *Clinical Anatomy* 29(7):932-942, 2016

185. Turan Y, Cikla U, Kozan A, **Baskaya MK**. End-to-Side and End-to-End Double In Situ Bypass with Submillimeter M4 Branches for Treatment of Ruptured Mycotic Aneurysm: 3-Dimensional Operative Video. *Operative Neurosurgery* Oct 1(5):642, 2017
186. Meyer E, Gagl W, Gillon B, Swan BJ, Kuo J, Field A, **Baskaya MK**, Meyerand ME, Prabhakaran V. The impact of intracranial tumor proximity to white matter tracts on morbidity and mortality: a retrospective diffusion tensor imaging study. *Neurosurgery* 1:80(2):193-200, 2017.
187. Cikla U, Swanson KI, Turan Y, **Baskaya MK**. Transsylvian resection of dominant insular gliomas: Demonstration of microsurgical techniques in pure insular vs insulo-opercular gliomas: 3-Dimensional operative video. *Operative Neurosurgery* Dec 1; 13(6):760, 2017.
188. Tumturk A, Li Y, Turan Y, Cikla U, Iskandar B, **Baskaya MK**. Emergency resection of brain stem cavernous malformations. *Journal of Neurosurgery* 128(5):1289-1296, 2018.
189. Ocak P, Dinc C, Cikla U, **Baskaya MK**. Resection of complex occipital AVM with giant varix: Demonstration of microsurgical technique. *Neurosurgical Focus* July;43(VideoSuppl1):V5, 2017.
190. Ocak PE, Ocak U, Cikla U, Wilbrand S, **Baskaya MK**. Intracranial infectious aneurysms. *Contemporary Neurosurgery* July 15, 39(10):1-5, 2017.
191. Ocak U, Ocak PE, Cikla U, Sayahmelli S, **Baskaya MK**. Vascular complications of the gunshot wounds to the head. *Contemporary Neurosurgery* 39(17):1-7, 2017.
192. Dogan I, Ocak PE, Pyle M, **Baskaya MK**. Resection of middle petroclival meningioma via combined anterior transpetrosal and retrosigmoid approaches at two separate stages: 3D operative video. *Neurosurgical Focus* Oct;43(VideoSuppl2): V12, 2017.
193. Zada G, **Baskaya MK**, Shah MV. Introduction: surgical management of skull base meningiomas. *Neurosurgical Focus* Oct;43(VideoSuppl2): Intro, 2017.
194. Sirin A, Cikla U, Uluc K, **Baskaya MK**. Ruptured Distal Accessory Anterior Cerebral Artery Aneurysm: A case report and literature review. *Turkish Neurosurgery* 28(5):839-842, 2018.
195. Uluc K, Cikla U, Morkan DB, Sirin A, Ahmed AS, Swanson KI, **Baskaya MK**. Minimizing retraction by pia-arachnoidal 10-0 sutures in intrasulcal dissection. *Operative Neurosurgery* Jul 1; 15(1):10-14, 2018.

196. Peker HO, Celik NC, Cikla U, **Baskaya MK**. Metastatic prostate adenocarcinoma to the intradural foramen magnum. *Surgical Case Reports Nov 11:1-3, 2017*.
197. Peker HO, Aydin I, Dinc C, **Baskaya MK**. Microsurgical resection of thalamic astrocytomas via interhemispheric transcallosal transchoroidal approach: Demonstration of technique in 3D operative videos. *Operative Neurosurgery May 1;15(5):595, 2018*.
198. Cikla U, Mukherjee D, Tunturk A, **Baskaya MK**. Overcoming end-to-end vessel mismatch during STA-radial artery-M2 interposition grafting for cerebral ischemia: The tapering technique. *World Neurosurgery Feb,110: 85, 2018*.
199. Dinc C, Ocak PE, **Baskaya MK**. Microsurgical Fenestration of Thalamic Cyst Along with third Ventriculostomy and Septal Fenestration via the Interhemispheric Transcallosal Approach: 3-Dimensional Operative Video. *Operative Neurosurgery May 1;15(2):240, 2018*
200. Cikla U, Sahin B, Hanalioglu S, Ahmed AS, Niemann DB, **Baskaya MK**. A novel, low-cost, reusable, high-fidelity neurosurgical training simulator for cerebrovascular bypass surgery. *Journal of Neurosurgery May 11:1-9, 2018*.
201. Ocak PE, Ocak U, Dinc C, **Baskaya MK**. Trigeminal schwannomas: Part I-anatomy, clinical presentation, and radiology. *Contemporary Neurosurgery 40(1) January:1-6, 2018*.
202. Ocak PE, Ocak U, Dinc C, **Baskaya MK**. Trigeminal schwannomas: Part II-classification, pathology, and treatment. *Contemporary Neurosurgery 40(2):1-7, 2018*.
203. Sayyahmelli S, **Baskaya MK**. Microsurgical resection of large thoracic intramedullary hemangioblastoma with long segment syrinx: 3D operative video. *Operative Neurosurgery Oct 1;15(4):470, 2018*
204. Dogan I, Ucer M, **Baskaya MK**. Gross total resection of chordoid glioma of the third ventricle via anterior interhemispheric transcallosal transforaminal approach at two stages. *Journal of Neurological Surgery: Skull Base. Apr; 79(Suppl 3): S281-S282, 2018*
205. Dogan I, Ucer M, **Baskaya MK**. Microsurgical resection of tuberculum sellae meningioma via pterional craniotomy with extradural anterior clinoidectomy and optic unroofing. *Journal of Neurological Surgery: Skull Base. Feb; 79(2): S218, 2018*
206. Ocak PE, Dogan I, Ocak U, Dinc C, **Baskaya MK**. Facial nerve outcome and extent of resection in cystic versus solid vestibular schwannomas in radiosurgery era. *Neurosurgical Focus. Mar; 44(3): E3, 2018*

207. Vysotski S, Madura C, Swan B, Holdsworth R, Lin Y, Munoz Del Rio A, Wood J, Kundu B, Penwarden A, Voss J, Gallagher T, Nair V, Field A, Garcia-Ramos C, Meyerand E, **Baskaya MK**, Kuo J, Prabhakaran V. Preoperative FMRI Associated with Decreased Mortality and Morbidity in Brain Tumor Patients. *Interdisciplinary Neurosurgery: Advanced Techniques & Case Management*.13:40-45, 2018
208. Keser N, Avci E, Soylemez B, Karatas D, **Baskaya MK**. Occipital artery and its segments in vertebral artery revascularization surgery: A microsurgical anatomical study. *World Neurosurgery Apr;112: e534-e539, 2018.*
209. Onen MR, Moore K, Cikla U, Ucer M, Schmidt B, Field AS, **Baskaya MK**. Hypertrophic olivary degeneration: Neurosurgical perspective and literature review. *World Neurosurgery Apr;112: e763-e771, 2018.*
210. Aydin I, Hanalioglu S, Peker HO, Turan Y, Kina H, Cikla U, **Baskaya MK**. The tonsillouvular fissure approach: Access to dorsal and lateral aspects of the fourth ventricle. *World Neurosurgery Jun;114: e1107-e1119, 2018.*
211. Sayyahmelli S, Dogan I, **Baskaya MK**. Microsurgical resection of posterior third ventricular/pineal region papillary tumor via supracerebellar infratentorial approach: 3D operative video. *Operative Neurosurgery Dec 1;15(6):E87, 2018*
212. Vergun S, Suhonen JI, Nair V, Kuo J, **Baskaya MK**, Garcia-Ramos C, Meyerand EE, Prabhakaran V. Predicting primary outcomes of brain tumor patients with advanced neuroimaging MRI measures. *Interdisciplinary Neurosurgery 13: 109-118, 2018.*
213. Peker HO, Aydin I, **Baskaya MK**. Calcifying pseudoneoplasm of the neuraxis (CAPNON) in the lateral cerebello-medullary junction: Clinical image with surgical video. *World Neurosurgery Jul; 115:206-207, 2018.*
214. Sayyahmelli S, **Baskaya MK**. Microsurgical resection of anaplastic ependymoma of the cerebellopontine angle in an adult. *Operative Neurosurgery Mar 1;16(3): E91, 2019*
215. Sayyahmelli S, Aydin I, Wheeler B, **Baskaya MK**. Mapping of the internal capsule with subcortical stimulation for gross total resection of a thalamic metastatic tumor. *Neurosurgical Focus Oct;45(VideoSuppl2) V7, 2018*
216. Sayyahmelli S, Kina H, Ucer M, Salamat S, **Baskaya MK**. Frontal lobe intracerebral schwannoma mimicking metastatic lesion in a patient with papillary thyroid carcinoma. *Journal of Surgical Case Reports Aug 20;2018(8): ryj212, 2018.*

217. Sayyahmelli S, Ahmetpahic A, **Baskaya MK**. Gross total resection of large cerebellopontine angle meningioma with a supratentorial extension via retrosigmoid approach with suprameatal drilling and tentorial sectioning. *Journal of Neurological Surgery: Skull Base Dec; 79 (Suppl 5);S399-S401, 2018*
218. Sayyahmelli S, Roche J, **Baskaya MK**. Microsurgical gross total resection of a large residual/recurrent vestibular schwannoma via translabyrinthine approach. *Journal of Neurological Surgery: Skull Base Dec; 79 (Suppl 5); S387-S388, 2018*
219. Sayyahmelli S, Ucer M, **Baskaya MK**. Microsurgical gross total resection of a WHO grade II cerebellopontine angle ependymoma in an adult. *Journal of Neurological Surgery: Skull Base Dec; 79 (Suppl 5); S426-S427, 2018*
220. Aydin I, Sayyahmelli S, Pyle M, **Baskaya MK**. Gross total resection of a jugular foramen thyroid medullary metastasis via a transjugular transsigmoid approach. *Journal of Neurological Surgery: Skull Base Dec; 79 (Suppl 5); S424-S425, 2018*
221. Ocak PE, **Baskaya MK**. A rare complication of endovascular embolization: extruded onyx on trigeminal nerve. *Journal of Neurological Surgery: Skull Base Dec; 79 (Suppl 5); S422-S423, 2018*
222. Dagtekin A, Avci E, Hamzaoglu V, Ozalp H, Karatas D, Esen K, Bagdatoglu C, **Baskaya MK**. Management of occipi-cervical junction and upper cervical trauma. *Journal of Craniovertebral Junction and Spine 9:148-155, 2018.*
223. Cikla U, Hamilton K, Ozaydin B, **Baskaya MK**. Revascularization for cerebral ischemia, step-by-step demonstration of Bonnet bypass. *Operative Neurosurgery Sep 1;17(3):E113, 2019.*
224. Dogan I, Sahin OS, Ozaydin B, **Baskaya MK**. Low-cost stereoscopic recordings of neurologic surgery operative microscopy. *World Neurosurgery Feb; 125:240-244, 2019.*
225. Sayyahmelli S, Aycan A, Erginoglu U, **Baskaya MK**. Spinal hemangioblastoma: clinical presentation, radiology and treatment. *Contemporary Neurosurgery 41(9):1-7, 2019*
226. Sayyahmelli S, **Baskaya MK**. Microsurgical resection of a large, cavernous malformation of the medulla oblongata. *Neurosurgical Focus Video 1 (1): V25, 2019*
227. Sayyahmelli S, Aydin P, **Baskaya MK**. Delayed onset abducens nerve palsy following uncomplicated large cystic vestibular schwannoma resection: Case Report. *Journal of Neurological Surgery: Journal of Neurological Surgery Reports: 80(4): e37-e40, 2019*

228. Sayyahmelli S, **Baskaya MK**. Microsurgical gross total resection of foramen magnum meningioma via far lateral approach. *Journal of Neurological Surgery: Skull Base 80 (suppl S4): S360–S362, 2019*
229. Sayyahmelli S, Dogan I, Wieland AM, Pyle M, **Baskaya MK**. Aggressive, multi-disciplinary staged microsurgical resection of a giant cervicomedullary junction chordoma. *Journal of Neurological Surgery: Skull Base 80 (suppl S4): S378–S379, 2019*
230. Sayyahmelli S, Ruan J, Wheeler B, **Baskaya MK**. Microsurgical Resection of a Glioblastoma Multiforme of the Medulla Oblongata with Intraoperative Subcortical Stimulation and Mapping. *Neurosurgical Focus Video 1 (2): V1, 2019*.
231. Keser N, Cikla U, Ozaydin B, **Baskaya MK**. The Importance of Arcuate Foramen, a Variation of the Atlas: A Microsurgical Cadaveric Study and Review of the Literature. *Istanbul Medical Journal 20(5): 377-381, 2019*
232. Schmidt B, Cikla U, Kozan A, Dempsey R, **Baskaya MK**. Hydrocephalus Following Giant Transosseous Vertex Meningioma Resection. *Journal of Neurological Surgery: Skull Base 82(3):370-377, 2021*
233. Cossu G, Jouanneau E, Cavallo LM, Elbabaa SK, Giammattel L, Stranoni D, Barges-Coll J, Cappabianca P, Benes V, **Baskaya MK**, Bruneau M, Meling T, Schaller K, Chacko AG, Youssef S, Mazzatenta D, Ammirati M, Dufour H, Laws E, Berhouma M, Daniel RT, Messerer M. Surgical management of craniopharyngiomas in adult patients: A systematic review and consensus statement on behalf of the EANS skull base section. *Acta Neurochirurgica (Wien) 162(5):1159-1177, 2020*.
234. Li Y, Sayyahmelli S, **Baskaya MK**. Spontaneous Subarachnoid Hemorrhage from a Pure Pial Arterial Malformation in the Lateral Cerebellomedullary Junction: Clinical Images with Surgical Video. *World Neurosurgery: 135 (1), 214-216, 2020*.
235. Sayyahmelli S, Kessely YC, Chen X, Aycan A, Feldman S, Dempsey RJ, **Baskaya MK**. From Avicenna to Present, History of International Fellowship and Observership: University of Wisconsin-Madison Experience. *Turkish Neurosurgery 135:214-216, 2020*.
236. McBride JA, Binstadt B, Ahmed R, **Baskaya MK**, Olson APJ, Wald E. A plea to reconsider the diagnosis. *Clinical Care Conundrums- Journal of Hospital Medicine 15(2):111-115, 2020*.
237. Cikla U, Rowley P, Simoes ELJ, Ozaydin B, Goodman SL, Avci E, **Baskaya MK**, Patel NJ. Grapefruit training model for distal anterior cerebral artery side-to-side bypass. *World Neurosurgery 138: 39-51, 2020*.

238. Parmar V, Cikla U, Sayyahmelli S, Ozaydin B, Tumturk A, Ahmed AS, Baskaya MK. Intraoperative Shortening of Aneurysm Clips: Revisiting an Old Technique in a New Era. *World Neurosurgery* 139: 361-369, 2020.
239. Mukherjee D, Antar V, Soylemez B, Cikla U, Gurer B, Ekici M, Field AS, Salamat S, **Baskaya MK**. High-resolution diffusion tensor magnetic resonance imaging of the brainstem safe entry zones. *Neurosurgical Review* 43:153–167, 2020.
240. Ozaydin B, Dogan, I, Wheeler B, **Baskaya MK**. Gross total resection of a grade IV astrocytoma adjacent to the precentral gyrus with nonawake motor mapping and motor-evoked potential monitoring. *Operative Neurosurgery* 18(4): E127-E128, 2020.
241. Hanalioglu S, Sahin B, Sahin OS, Kozan A, Ucer M, Cikla U, Goodman SL, **Baskaya MK**. Effect of perioperative aspirin use on hemorrhagic complications in elective craniotomy for brain tumors: results of a single-center, retrospective cohort study. *Journal of Neurosurgery* 132:1529-1538, 2020
242. Scerbak J, Lapteva O, Sahin OS, Ksanas U, Barkauskiene A, Lengvenis G, Ozaydin B, Cikla U, **Baskaya MK**. Identification of the distal dural ring and definition of paraclinoid aneurysms according to bony landmarks on 3D computed tomography angiography: a cadaveric and radiological study. *Operative* 19(3):319-329, 2020
243. Kina H, Erginoglu U, Hanalioglu S, Ozaydin B, **Baskaya MK**. Ovoid Foramen Magnum Shape is Associated with Increased Complications and Decreased Extent of Resection for Anterolateral Foramen Magnum Meningiomas. *Journal of Neurological Surgery: Skull Base Neurosurgery*, 2020 Oct 5;82(6):682-688
244. Sayyahmelli S, Ozaydin B, Sahin B, Erginoglu U, Cikla U, **Baskaya MK**. Surgical Strategies for Cerebral Revascularization in Patients with Limited Bypass Conduit Options and Unexpected Intraoperative Difficulties. *World neurosurgery* 141: e959-e970, 2020
245. Scerbak, J, **Baskaya MK**. To the Editor, In Reply: Identification of the Distal Dural Ring and Definition of Paraclinoid Aneurysms According to Bony Landmarks on 3-Dimensional Computed Tomography Angiography: A Cadaveric and Radiological Study. *Operative Neurosurgery* 19(5): E548-E549, 2020
246. Buckley N, **Baskaya MK**, Darsie ME. Intravenous immunoglobulin (IVIG) in severe heparin-induced thrombocytopenia (HIT) in a traumatic brain injury (TBI) patient with cerebral venous sinus thrombosis (CVST). *Neurocrit Care*. 34(3):1103-1107, 2021

247. Elshamy W, Ozaydin B, Sayyahmelli S, Salamat S, **Baskaya MK**. A Neuroenteric Cyst of the Cavernous Sinus: A case report. *Journal of Neurological Surgery: Reports*, 2023 Aug 14;84(3): e80-e84
248. Richardson A, **Baskaya MK**. Extracranial-Intracranial Bypass as Primary Treatment for Internal Carotid Artery Blood Blister-Like Aneurysms, Not Just a Last Resort. *World Neurosurgery* 145: 320-322, 2021
249. Erginoglu U, Sayyahmelli S, **Baskaya MK**. Trigeminal Neuralgia Caused by Vascular Compression from the Petrous Carotid Artery with Bony Erosion and Meckel Cave Encephalocele: Clinical Imaging with Surgical Video. *World Neurosurgery* 145: 360-362, 2021
250. Sayyahmelli S, Ruan J, Avci E, **Baskaya MK**. Demonstration of Microsurgical Technique and Nuances for the Resection of a Midbrain Tectal Glioma via the Transcollicular Approach: 3-Dimensional Operative Video. *Operative Neurosurgery* 15;20(4): E304-E305, 2021
251. Soylemez B, Turan Y, Sayyahmelli S, **Baskaya MK**. Demonstration of Microsurgical Technique and Nuances for the Obliteration of Complex Intracranial Dural Arteriovenous Fistulas in Three Consecutive Cases: Operative Video. *World Neurosurgery* 145: 434, 2021
252. Zhao X, Labib MA, Avci E, Preul MC, **Baskaya MK**, Little AS, Nakaji P. Navigating a Carotico-Clinoid Foramen and an Interclinoid Bridge in the Endonasal Endoscopic Approach: An Anatomical and Technical Note. *Journal of Neurological Surgery Part B: Skull Base*, 2021 Oct;82(5):534-539.
253. Sayyahmelli S, Sayyahmelli S, Erginoglu U, **Baskaya MK**. Neurotoxic Effects of Ammonia in a Patient with Ornithine Transcarbamylase Deficiency and Bilateral Brain Abscesses: Case Report. *The Neurohospitalist* 11(3):241-245, 2021
254. Ozaydin B, Dawkins DW, Armstrong SA, Aagaard-Kienitz B, **Baskaya MK**. Intraoperative Application of a New Generation 3D IV-DSA Technology in Resection of a Hemorrhagic Cerebellar AVM. *Neurosurgical Focus: Video FOCVID*, 4(1), V10, 2021
255. Sayyahmelli S, Sun Z, Avci E, **Baskaya MK**. Role of Extradural Clinoidectomy and Optic Unroofing in Resection of an Anterior Clinoidal Meningioma with Encasement of the Internal Carotid Artery and its Branches. *Journal of Neurological Surgery: Skull Base*, 2021 May 17;83(Suppl 3): e650-e652.
256. Sayyahmelli S, Avci E, Ozaydin B, **Baskaya MK**. Transcavernous Approach for Gross Total Resection of a Dumbbell-Shaped Giant Trigeminal Schwannoma. *Journal of Neurological Surgery: Skull Base*, 2021 May 17;83(suppl): e648-e649

257. Ozaydin B, Baykal D, Ezgu MC, **Baskaya MK**. A Posterior Communicating Segment Aneurysm of the Supraclinoid Internal Carotid Artery Treated with an Extracranial to Intracranial Bypass and Trapping. *Journal of Neurological Surgery: Skull Base*, 2021 May 3;83(Suppl 3): e616-e618.
258. Elshamy W, Ozaydin B, Pyle M, **Baskaya MK**. Combined Transcavernous and Kawase Approach for Gross Total Resection of a Cavernous Sinus Meningioma. *Journal of Neurological Surgery: Skull Base* 2022;83(Suppl S3): e603-e605
259. Elshamy W, Soylemez B, Sayyahmelli S, Keser N, **Baskaya MK**. Transcavernous Resection of a Giant Extensive Chondrosarcoma with Endoscopic Assistance. *Journal of Neurological Surgery: Skull Base*, 2021 May 11;83(Suppl 3):e644-e645.
260. Baykal D, Ozaydin B, Erginoglu U, **Baskaya MK**. Clip Reconstruction of a Previously Leaked Large Complex Posterior Communicating Segment Aneurysm with Extradural Anterior Clinoidectomy. *Journal of Neurological Surgery: Skull Base* 2022;83(Suppl S3): e606-e607
261. **Baskaya MK** and Richardson A. To embolize or not to embolize: That is the question for arteriovenous malformations. *Neurosurgical Focus FOCVID*, 4(1), V3, 2021
262. **Baskaya MK**, Abla AA, Barrow D, Arthur AS. Introduction. Arteriovenous malformations of the posterior fossa: Surgical excellence and technological innovation. *Neurosurgical Focus FOCVID*, 4(1), V1, 2021
263. Elshamy W, Burkard J, Gerges MM, Erginoglu U, Aycan A, Ozaydin B, Dempsey RJ, **Baskaya MK**. Surgical Approaches for Resection of Third Ventricle Colloid Cysts: Meta-Analysis. *Neurosurgical Review*, 2021 Dec; 44(6): 3029-3038
264. Karabacak M, Ozkara BB, Ozaydin B, **Baskaya MK**. What you need to know about: Arterial Cerebrovascular Syndromes caused by Static and Dynamic Musculoskeletal Compression. *British Journal of Hospital Medicine*, 2022 Mar 2;83(3):1-9.
265. Keles, A., Ozaydin, B., **Baskaya, MK**. Meningioma of posterolateral tentorial incisura: a case demonstration of paramedian supracerebellar transtentorial approach, *Neurosurgical Focus: Video*, 5(1), V8, 2021
266. Sayyahmelli S, Sayyahmelli S, Aydin I, **Baskaya MK**. Supracerebellar Transtentorial Approach: Anatomic Description, Operative Technique, and Clinical Applications. *Contemporary Neurosurgery*, *Contemporary Neurosurgery* 43 (1): 1- 6, 2021

267. Khalafallah AM, Rakovec M, Burapachaisri K, Feng S, Kozachik SL, Valappil B, Abou-Al-Shaar H, Wang EW, Snyderman CH, Zenonos G, Gardner PA, **Baskaya MK**, Dornbos D, Choby GW, Kuan E, Roxbury C, Overdeest JB, Gudis DA, Lee VS, Levy JM, Thamboo A, Schlosser RJ, Huang J, Bettegowda C, London Jr. NR, Rowan N, Wu AW, Mukherjee D. The Suprasellar Meningioma Patient Reported Outcome Survey (SMPRO): A disease-specific patient-reported outcome measure for resection of suprasellar meningioma. *Journal of Neurosurgery*, 2021 Oct 22:1-9.
268. Er K, Patsalis D, Katsigiannis S, Schmieder K, **Baskaya MK**, Gierthmuehlen M, Brainatomy - Demystifying the Temporal Bone, Rule of 3-2-1, *Operative Neurosurgery* 22:35-43, 2022
269. Riley SP, Chu DY, Nair VA, **Baskaya MK**, Kuo JS, Meyerand ME, Prabhakaran V, Characterizing the relationship between lesion-activation distance using fMRI and verbal measures in brain tumor patients. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, 2022 Mar;27:101391.
270. Hanalioglu S, Sahin B, Sayyahmelli S, Ozaydin B, Erginoglu U, Aycan A, **Baskaya MK**. The role of microsurgery for poor-grade aneurysmal subarachnoid hemorrhage in the endovascular era. *Acta Neurochirurgica Mar:164(3):781-793, 2022.*
271. Keleş, A., Armstrong, SA., Sayyahmelli, S., Gürbüz, MS., **Baskaya, MK** Microsurgical resection of a large petroclival meningioma via translabyrinthine approach combined with middle fossa craniotomy, *Neurosurgical Focus: Video*, 6(2), 2022.
272. Eraky MA, Goodman S, Keles A, **Baskaya MK**. Serum long non-coding RNAs as potential noninvasive biomarkers for glioblastoma diagnosis, prognosis and chemoresistance. *Journal of Integrative Neuroscience* 21(4):111-121,2022.
273. Hasanov E, Yeboa DN, Tucker MD, Swanson TA, Beckham TH, Rini B, Ene CI, 274. Lang FF, Hasanov M, Derks S, Smits M, Dudani S, Heng D, Brastianos, PK, Bex A, Hanalioglu S, Weinberg J, Hirsch L, Carlo M, Aizer A, Brown PD, Bilen MA, Chang EL, Jaboin J, Brugarolas J, Choueiri TK, Atkins MB, McGregor B, Halasz L, Patel TR, Soltys SG, McDermott DF, Elder JB, **Baskaya MK**, Yu JB, Timmerman R, Kim MM, Askun MM, Markert J, Beal K, Tannir NM, Samandouras G, Giles R, Jonasch, E. An interdisciplinary consensus on the management of brain metastases in patients with renal cell carcinoma. *CA: A Cancer Journal for Clinicians*, 2022 Sep;72(5):454-489.
274. Keleş A, Gürbüz MS, Erginoğlu U, **Başkaya MK**. How I do it: management of M₂ tear injury caused by drilling during intradural anterior clinoidectomy for microsurgical clipping of intracranial aneurysms. *Acta Neurochirurgica*, 2022 Oct;164(10):2541-2544.

275. Sayyahmelli S, Sayyahmelli S, Salamat S, **Baskaya MK**. Malignant Transformation of Recurrent Residual Cerebellopontine Angle Epidermoid Tumor: Significance of Clinical Vigilance and Long-term Surveillance. *Journal of Neurological Surgery Reports*, 2022 Jun 24;83(2): e63-e66.
276. Grogan PT, Deming DA, Helgager J, Ruszkiewicz, **Baskaya MK**, Howard SP, Robins HI. Entrectinib demonstrates prolonged efficacy in an adult case of radiation-refractory NTRK-fusion glioblastoma. *Neuro-oncology Advances*, 2022 Apr 13;4(1): vdac046.
277. Erginoğlu U, Elshamy W, **Baskaya MK**. Unusual bifurcated proximal facial nerve found during excision of a vestibular schwannoma: Clinical Imaging with Surgical Video. *World Neurosurgery*,164:253-255,2022.
278. Sayyahmelli S, Sayyahmelli S, Ozaydin B, Erginoglu U, Keles A, Sun Z, **Baskaya MK**. Safety and Efficacy of Microsurgery for Complex Cranial Pathologies in the Ultra-Geriatric Population. *Clinical Neurology and Neurosurgery*, 2022 Dec;223:107500.
279. Salem MM, Srinivasan VM, Tonetti D, Ravindran K, Taussky P, Yang, K, Karahalios K, Raygor K, Naylor R, Catapano JS, Tavakoli-Sabour S, Grandhi R, Jankowitz BT, **Baskaya MK**, Mascitelli JR, Van Gompel JJ, Cherian J, Couldwell WT, Kim LJ, Cohen-Gadol AA, Starke RM, Kan P, Dehdashti AR, Abla AA, Lawton MT, Burkhardt JK. Microsurgical Obliteration of Craniocervical Junction Dural Arteriovenous Fistulas: Multicenter Experience. *Neurosurgery*, 2023 Jan 1;92(1):205-212.
280. Keles A, Olsen HT, Nisbet AF, Helgager J, **Baskaya MK**. Primary Midbrain Germinomas: Report of a Rare Case with an Updated Review of the Literature. *Clinical Neurology and Neurosurgery*, 2023 Apr;227:107643.
281. Erginoglu U, Hanalioglu S, Ozaydin B, Keles A, **Baskaya MK**. A Novel Surgical Classification of Sylvian Fissure and Its Implications on the Clinical and Radiological Outcomes of Patients Undergoing Clipping for Unruptured Middle Cerebral Artery Aneurysms. *World Neurosurg*, 2023 May;173: e639-e646.
282. Karatas D, Santos JM, Uygur S, Dagtekin A, Kurtoglu OZ, Avci E, **Baskaya MK**. A New Classification of Parasagittal Bridging Veins Based on Their Configurations and Drainage Routes Pertinent to Interhemispheric Approaches: A Surgical Anatomic Study. *Journal of Neurosurgery*, 2023 Jun 2;1-11.
283. Sterner RC, Greenway GP, Erginoglu U, Santos JLM, **Baskaya MK**. Microneurosurgical Treatment of a Small Perimesencephalic Pure Pial Arterial Malformation: An Under-Recognized Etiology of Angiographically-Occlude Subarachnoid Hemorrhage. *Journal of Neurosurgery: Case Lessons*, 023 Jul 31;6(5): CASE23246

284. Motzkin J, Hiser J, Carroll I, Wolf R, **Baskaya MK**, Koenigs M, Atlas LY, Human Ventromedial Prefrontal Cortex Lesions Enhance the Effects of Expectations on Pain Perception. *Cortex*, 2023 Sep;166:188-206
285. Martinez santos JL, Sterner RC, **Baskaya MK**. Management of a Challenging Dural-Embedded Anterior Inferior Cerebellar Artery Loop During a Retrosigmoid Hearing-preserving Vestibular Schwannoma Resection: Microsurgical Technique and Operative Video. *Journal of Neurosurgery: Case Lessons*, 2023 Aug 21;6(8): CASE23304.
286. Erginoglu U, Keles A, Ataoglu C, Başarslan SK, **Baskaya MK**. A Rapid Clinical Deterioration of Cervical Exophytic Intradural Intramedullary Sporadic Hemangioblastoma Diagnosed During Pregnancy. *Neurosurgical Focus*, 2023 Oct 1;9(2): V11
287. Magill ST, Schwartz TH, Couldwell WT, Gardner PA, CB Heilman, Sen C, Akagami R, Cappabianca P, Prevedello DM, McDermott MW; International Tuberculom Sellae Meningioma Study Authors (**Baskaya MK**). International Tuberculom Sellae Meningioma Study: Surgical Outcomes and Management Trends. *Neurosurgery*, 2023 Dec 1; 93(6): 1259-1270.
288. Magill ST, Schwartz TH, Couldwell WT, Gardner PA, CB Heilman, Sen C, Akagami R, Cappabianca P, Prevedello DM, McDermott MW; International Tuberculom Sellae Meningioma Study Authors (**Baskaya MK**). International Tuberculom Sellae Meningioma Study: Preoperative Grading Scale to Predict Outcomes and Propensity-Matched Outcomes by Endonasal Versus Transcranial Approach. *Neurosurgery*, 2023 Dec 1; 93(6): 1271-1284.
289. Kelsey B, Keles A, D'Agostino E, Rochanaroon V, **Baskaya MK**. Microsurgical Treatment of Complex Distal Middle Cerebral Artery Aneurysms: 2-Dimensional Operative Video. *Operative Neurosurgery*, 2024 Mar 1; 26(3): 356-357.
290. Keles A, Ozaydin, B, Erginoglu, U, **Baskaya MK**. Two-Stage Surgical Management for Acutely Presented Large Vestibular Schwannomas: Report of Two Cases. *Brain Sciences* 2023, 13(11), 1548.
291. Keles A, Cancela AC, Moussalem CK, Adekanmbi A, Bari MS, Dumot C, Oriola GG, Gasimov T, Gurbuz MS, Golidtum JP, Kessely YC, Malazonia Z, Nor MAB, Omar AH, Shah J, Ozaydin B, Dempsey RJ, **Baskaya MK**. A Novel Approach for Free, Affordable, and Sustainable Microsurgery Laboratory Training for Low- and Middle-Income Countries: University of Wisconsin-Madison Microneurosurgery Laboratory Experience. *Neurosurgery* 94(6): p 1311-1323, June 2024
292. Erginoglu U, Junior MW, Ataoglu C, Keles A, **Baskaya MK**. A Unique Variant of Abducens Nerve Duplication in a Case of a Large Vestibular Schwannoma.

293. Mirian C, Jensen LR, Juratli TA, Maier AD, Torp S, Shih HA, Morshed RA, Jacob JS, Magill ST, Bertero L, Stummer W, Spille DC, Brokinkel B, Oya S, Miyawaki S, Saito N, Proescholdt M, Kuroi Y, Gousias K, Simon M, Moliterno J, Prat-Acin R, Goutagny S, Prabhu VC, Wach J, Güresir E, Yamamoto J, Kim YZ, Lee JH, Koshy M, Perumal K, **Baskaya MK**, Cannon DM, Shrieve DC, Suh C, Chang JH, Kamenova M, Straumann S, Soleman J, Schackert G, Catalan T, Lui A, Theodosopoulos PV, McDermott MW, Wang F, Guo F, Góes P, Neto MAP, Jamshidi A, Komotar R, Ivan M, Luther E, Souhami L, Guiot MC, Csonka T, Endo T, Barrett OC, Jensen R, Gupta T, Patel AJ, Klisch TJ, Kim JW, Corvino S, Maiuri F, Barresi V, Taberner MD, Skyrman S, Bach MJ, Law I, Scheie D, Kristensen BW, Munch TN, Meling T, Fugleholm K, Blanche P, Mathiesen T, The Importance of Considering Competing Risks in Recurrence Analysis of Intracranial Meningioma. *Journal of Neuro-Oncology*, 2024 Feb 10; 166(3): 503-511.
294. Cinibulak Z, Martínez Santos JL, Poggenborg J, Schliwa S, Ostovar N, Keleş A, **Baskaya MK**, Nakamura M. Comparative Anatomical Analysis of Neuronavigated Transmastoid-Infralabyrinthine Approaches for Jugular Fossa Pathologies: Short Anterior Rerouting versus Non-Rerouting and Tailored Nonrerouting Techniques. *Operative Neurosurgery*, 2024 Apr 18.
295. Al-Salihi MM, Ayyad A, Al-Jebur MS, Al-Salihi Y, Hammadi F, Bowman K, **Baskaya MK**. Subcutaneous Preservation versus Cryopreservation of Autologous Bone Grafts for Cranioplasty: A Systematic Review and Meta-Analysis. *Journal of Clinical Neuroscience* 2024 Feb 29; 122:1-9.
296. Sahin OS, Hanalioglu S, Sanli AM, Bakir A, Comert A, **Baskaya MK**. Angiographic Measurement of the Superficial Temporal Artery for Potential Use in Cerebral Bypass Surgery: A Combined Radiological and Cadaveric Study. *Surgical and Radiologic Anatomy*, 2024 May; 46(5):605-614
297. Martínez Santos JL, Aljuboori Z, Richardson A, Hanalioglu S, Peker OH, Aydin I, Al-Sharshahi Z, Tunc O, Karatas D, Avci E, **Baskaya MK**. Microsurgical Anatomy and Approaches to Thalamic Gliomas (Part I): A Cartography Guide for Navigating to the Thalamus - Integrating 3D Model Rendering with Anatomic Dissections. *Journal of Neurosurgery*, 2024 Jul 19:1-15
298. Martínez Santos JL, Aljuboori Z, Richardson A, Hanalioglu S, Peker OH, Sahin B, Al-Sharshahi Z, Sahin OS, Kina H, Ammanuel S, Iskandar BJ, **Baskaya MK**. Microsurgical Anatomy and Approaches to Thalamic Gliomas (Part II): Maximal Safe Resection of Thalamic Gliomas Improves Outcomes - A Single Center Experience. *Journal of Neurosurgery*, 2024 Jul 19:1-12

299. Gattozzi AD, Erginoglu U, Khanna O, Hosokawa PW, Perez RM, **Baskaya MK**, Youssef AS. A Novel Classification of Foramen Magnum Meningiomas Predicted by Topographic Position Relative to Neurovascular Bundle. *Acta Neurochirurgica*, 2024 Apr 30;166(1):199
300. Dumot C, Gasimov T, Hatipoglu Majernik G, Gurbuz, MS, Erginoglu U, Keles A, Arat A, **Baskaya MK**. Nighttime Treatment of Ruptured Intracranial Aneurysms are Associated with Poor Outcomes. *Neurosurgery*, 2025 Jan 1;96(1):78-86, Epub 2024 Jun 21
301. Keles A, Greenway GP, Dempsey RJ, **Baskaya MK**. Establishing Microsurgery Skills Laboratories in Low- and Middle-income Countries with Integrated Remote Teaching: A Novel Approach. *Neurosurgery Clinics of North America*, 2024 Oct;35(4):449-463. doi: 10.1016/j.nec.2024.05.007. PMID: 39244317.
302. Ataoglu C, Erginoglu U, Aydin S, Sapanci M, Salamat S, **Baskaya MK**. A Unique Presentation of Trigeminal Neuralgia, related to a Central Nervous Tissue Choristoma Along the Trigeminal Nerve Root, *Journal of Neurosurgery: Case Lessons*, 2024 Nov 4;8(19): CASE24384
303. Keles A, Uyaniker ZA, Aagaard-Kienitz B, **Baskaya MK**. Emergency Carotid Thrombo-Endarterectomy After Failed Endovascular Recanalization for Acute Complete Carotid Occlusion: A Case Report. *Brain Sciences*, 2024, 14(9), 882
304. Erginoglu U, Sayyahmelli S, Ataoglu C, Sapanci M, Roche JP, **Baskaya MK**, Gross Total Resection of Multicompartmental Chondrosarcoma Through Combined Transcavernous and Anterior Transpetrosal Approaches with Endoscopic Assistance. *Operative Neurosurgery*, 2024 Oct 30
305. Musmar B, Adeeb N, Roy JM, Abdalrazeq H, Tjoumakaris SI, Atallah E, Salim HA, Kondziolka D, Sheehan J, Ogilvy CS, Riina H, Kandregula S, Dmytriw AA, El Naamani K, Abdelsalam A, Ironside N, Kumbhare D, Ataoglu C, Essibayi MA, Keles A, Muram S, Sconzo D, Rezai A, Erginoglu U, Pöppe J, Sen RD, Griessenauer C, Burkhardt J, Starke RM, **Baskaya MK**, Sekhar LN, Levitt MR, Altschul DJ, McAvoy M, Aslan A, Abushehab A, Swaid C, Aba AA, Gooch MR, Rosenwasser RH, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Dannenbaum MJ, Choudhri O, Pukenas B, Orbach D, Smith E, Mosimann PJ, Alaraj A, Aziz-Sultan MA, Patel AB, Cuellar HH, Lawton MT, Morcos J, Guthikonda B, Jabbour P. Comparing stand-alone Endovascular Embolization versus Stereotactic Radiosurgery in the Treatment of Arteriovenous Malformations with Spetzler-Martin Grades I-III: A Propensity Score Matched. *Journal of Neurointerventional Surgery*, 2024 Oct 4: jnis-2024-022326
306. Tos S, Hajikarimloo B, Osama M, Mantziaris G, Adeeb N, Kandregula S, Salim HA, Musmar B, Ogilvy C, Kondziolka D, Dmytriw AA, Naamani KE, Abdelsalam A, Kumbhare D, Gummadi S, Ataoglu C, Essibayi MA,

- Erginoglu U, Keles A, Muram S, Sconzo D, Riina H, Rezai A, Pöppe J, Sen RD, Alwakaa O, Griessenauer CJ, Jabbour P, Tjounakaris SI, Burkhardt JK, Starke RM, **Baskaya MK**, Sekhar LN, Levitt MR, Altschul DJ, Haranhalli N, McAvoy M, Abushehab A, Aslan A, Swaid C, Ablal A, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Cochran J, Choudhri O, Pukenas B, Orbach D, Smith E, Möhlenbruch M, Alaraj A, Sultan AA, Dlouhy K, Ahmadieh TE, Patel AB, Savardekar MA, Cuellar HH, Lawton M, Guthikonda B, Morcos J., A Comparative Analysis of Microsurgical Resection Versus Stereotactic Radiosurgery for Spetzler-Martin Grade III Arteriovenous Malformations: A Multicenter Propensity Score Matched Study. *Clinical Neurology and Neurosurgery*, 2024 Dec 3;249:108669
307. Salim HA, Hamdan D, Adeeb N, Kandregula S, Aslan A, Musmar B, Ogilvy C, Dmytriw AA, Abdelsalam A, Ataoglu C, Abushehab A, Erginoglu U, Kondziolka D, El Naamani K, Sheehan J, Ironside N, Kumbhare D, Gummadi S, Essibayi MA, Tos SM, Keles A, Muram S, Sconzo D, Rezai A, Alwakaa O, Pöppe J, Sen RD, **Baskaya MK**, Griessenauer CJ, Jabbour P, Tjounakaris SI, Atallah E, Riina H, Swaid C, Burkhardt JK, Starke RM, Sekhar LN, Levitt MR, Altschul DJ, Haranhalli N, McAvoy M, Ablal A, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Cochran J, Choudhri O, Pukenas B, Orbach D, Smith E, Möhlenbruch M, Mosimann PJ, Alaraj A, Aziz-Sultan MA, Patel A, Yedavalli Wintermark V, Savardekar A, Cuellar H, Lawton M, Morcos J, Guthikonda B. Efficacy and Safety of Preoperative Embolization in Surgical Treatment of Brain Arteriovenous Malformations: A Multicenter Study with Propensity-Score Matching. *Journal of Neurology, Neurosurgery & Psychiatry*, 2025 Feb 6:jnnp-2024-334974. doi: 10.1136/jnnp-2024-334974. PMID: 39915091.
308. Keles A, Bozdog S, Ozaydin B, Dempsey RJ, **Baskaya MK**. Addressing Global Microneurosurgery Education and Laboratory Training During and After COVID-19 Pandemic – From Challenges to Innovations. *Neurosurgical Focus (in press)*
309. Feldman SE, Garcia AT, Diaz JF, Gallardo FC, Martin C, Nuñez M, D'imperio H, Goodman S, Rubino PA, **Baskaya MK**. Alternative Magnification Devices for Microsurgical Training: Comparative Analysis. *Turkish neurosurgery*. 2025 Jan 16, 2025;35(1):12-21. doi: 10.5137/1019-5149.JTN.43537-23.2. PMID: 39840557.
310. Sconzo DA, Ramirez-Velandia F, Muram S, Enriquez-Marulanda A, Adeeb N, Kandregula S, Salim HA, Musmar B, Dmytriw AA, Kondziolka D, El Naamani K, Sheehan J, Abdelsalam A, Kumbhare D, Ataoglu C, Essibayi MA, Keles A, Riina H, Rezai A, Pöppe J, Sen RD, Griessenauer CJ, Jabbour P, Tjounakaris SI, Burkhardt JK, Starke RM, **Baskaya MK**, Sekhar LN, Altschul DJ, McAvoy M, Aslan A, Abushehab A, Swaid C, Ablal A, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Dannenbaum MJ, Choudhri O, Pukenas B, Orbach D, Smith E, Möhlenbruch M, Alaraj A, Aziz-Sultan A, Patel AB, Cuellar HH, Lawton M, Morcos J, Guthikonda B, Taussky P, Ogilvy CS. Seizure Presentation and

- Incidence-Associated Factors in Cerebral Arteriovenous Malformations: A Secondary Analysis of the MISTA Consortium. *Neurosurgical Review (in press)*
311. Karatas D, Dagtekin A, Uygur S, Koyuncu OR, Barut IT, Kara E, Esen K, Avci E, **Baskaya MK**. Influence of variations of craniovertebral junction anatomy on idea C1 lateral mass and C2 pedicle screw insertion: A cadaveric and radiologic study. *Surgical and Radiologic Anatomy (in press)*.
 312. Dumot C, Keles A, **Baskaya MK**. In reply: Nighttime Treatment of Ruptured Intracranial Aneurysms Are Associated with Poor Outcomes. *Neurosurgery (in press)*
 313. Musmar B, Adeeb N, Abdalrazeq H, Salim HA, Roy JM, Aslan A, Tjoumakaris SI, Ogilvy C, **Baskaya MK**, Kondziolka D, Sheehan J, Riina H, Kandregula S, Dmytriw A, Abushehab A, El Naamani K, Abdelsalam A, Ironside N, Kumbhare D, Gummadi S, Ataoglu C, Essibayi MA, Keles A, Muram S, Sconzo D, Rezai A, Alwakaa O, Tos SM, Mantziaris G, Park MS, Hanalioglu S, Erginoglu U, Pöppe J, Sen RD, Griessenaur C, Burkhardt JK, Starke RM, Sekhar LN, Levitt MR, Altschul D, Haranhalli N, McAvoy M, Zeineddine HA, Abla AA, Atallah E, Gooch MR, Rosenwasser RH, Stapleton CJ, Koch M, Srinivasan VM, Chen PR, Blackburn S, Bulsara K, Kim LJ, Choudhri O, Pukenas B, Smith E, Mosimann PJ, Alaraj A, Aziz-Sultan MA, Patel AB, Savardekar AR, Notarianni C, Cuellar H, Lawton MT, Guthikonda B, Morcos J, Jabbour P. Comparative Outcomes of Arteriovenous Malformations treatment in Eloquent versus Non-Eloquent Brain: A Multicenter Study with Propensity-Score Weighting. *International Journal of Stroke*. 2025 Feb 13:17474930251323503. doi: 10.1177/17474930251323503. PMID: 39948730.
 314. Musmar B, Adeeb N, Abdalrazeq H, Roy JM, Tjoumakaris SI, Salim HA, Kondziolka D, Sheehan J, Ogilvy CS, Riina H, Kandregula S, Dmytriw AA, El Naamani K, Abdelsalam A, Ironside N, Kumbhare D, Ataoglu C, Essibayi MA, Keles A, Muram S, Sconzo D, Rezai A, Alwakaa O, Tos SM, Erginoglu U, Pöppe J, Sen RD, Griessenauer CJ, Burkhardt JK, Starke RM, **Baskaya MK**, Sekhar LN, Levitt MR, Altschul DJ, McAvoy M, Aslan A, Abushehab A, Swaid C, Abla AA, Sizdahkhani S, Koduri S, Atallah E, Karadimas S, Gooch MR, Rosenwasser RH, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Cochran J, Choudhri O, Pukenas B, Orbach D, Smith E, Mosimann PJ, Alaraj A, Aziz-Sultan MA, Patel AB, Cuellar HH, Lawton M, Guthikonda B, Morcos J, Jabbour P. Outcomes of arteriovenous malformation patients with multiple versus single feeders: A multicenter retrospective study with propensity-score matching. *European Stroke Journal*. 2025 Feb 15:23969873251319924. doi: 10.1177/23969873251319924. PMID: 39953956; PMCID: PMC11830163.
 315. Salem MT, Osama M, Mantziaris G, Hajikarimloo B, Adeeb N, Kandregula S, Dmytriw AA, Salim HA, Musmar B, El Naamani K, Ogilvy C, Kondziolka D, Abdelsalam A, Kumbhare D, Gummadi S, Ataoglu C, Essibayi MA, Keles A, Muram S, Sconzo D, Riina H, Rezai A, Pöppe J, Sen RD, Alwakaa O, Griessenauer

- CJ, Jabbour P, Tjoumakaris SI, Burkhardt JK, Starke RM, **Baskaya MK**, Sekhar LN, Levitt MR, Altschul DJ, Haranhalli N, McAvoy M, Aslan A, Abushehab A, Swaid C, Abla A, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Dannenbaum MJ, Choudhri O, Pukenas B, Orbach D, Smith E, Möhlenbruch M, Alaraj A, Aziz-Sultan A, Patel AB, Cuellar HH, Lawton M, Morcos J, Guthikonda B, Sheehan J. Spetzler-Martin Grade I-II Cerebral Arteriovenous Malformations: A Propensity-Score Matched Analysis of Resection and Stereotactic Radiosurgery in Adult Patients, *Neurosurgical Review* (in press)
316. Luu CP, Lee B, Larson ME, Greenway GP, **Baskaya MK**. Isolated Hypoglossal Nerve Palsy in the Setting of Concurrent Vertebral Artery Dissection and Internal Carotid Artery Dissection Plus Pseudoaneurysm: Case Report and Literature Review. *Brain Sciences*. 2025 Feb 21;15(3):225. doi: 10.3390/brainsci15030225.
317. Sconzo D, Ramirez-Velandia F, Muram S, Enriquez-Marulanda A, Adeeb N, Kandregula S, Salim HA, Musmar B, Dmytriw AA, Kondziolka D, Naamani KE, Sheehan J, Ironside N, Tos S, Abdelsalam A, Kumbhare D, Ataoglu C, Essibayi MA, Keles A, Riina H, Rezai A, Pöppe J, Sen RD, Griessenauer CJ, Jabbour P, Tjoumakaris SI, Burkhardt JK, Starke RM, Erginoglu U, **Baskaya MK**, Sekhar LN, Levitt MR, Altschul DJ, McAvoy M, Aslan A, Abushehab A, Swaid C, Abla A, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Dannenbaum MJ, Choudhri O, Pukenas B, Orbach D, Smith E, Möhlenbruch M, Alaraj A, Aziz-Sultan A, Patel AB, Cuellar HH, Lawton M, Morcos J, Guthikonda B, Taussky P, Ogilvy CS. Seizure presentation and incidence-associated factors in treated cerebral arteriovenous malformations: a secondary analysis of the MISTA consortium. *Neurosurgical Review* . 2025 Feb 22;48(1):263. doi: 10.1007/s10143-025-03337-z. PMID: 39985590.

Published Comments

1. Nanda A, **Baskaya MK**. Comment on Meyer FB et al. Surgical repair of clinoidal segment carotid artery aneurysms unsuitable for endovascular treatment. *Neurosurgery* 48:476-486, 2001
2. **Baskaya MK**, Morcos JJ. Comment on Deda H et al. Anteromedial approach to the orbit. *Skull Base Surgery* 11:233-239, 2001
3. **Baskaya MK**. Comment on Kazumata et al. Changing treatment strategy from clipping to radial artery graft bypass and parent artery sacrifice in patients with ruptured blister-like internal carotid artery aneurysms. *Neurosurgery* 2014, Mar;10 Suppl 1:166-172.
4. **Baskaya MK**. Comment on Peschillo S et al. Blister-like aneurysms of middle cerebral artery: a multiventer retrospective review of diagnosis and treatment in three patients. *Neurosurgical Review* 38(1): 197-203, 2015

5. Khan N, Labib M, Xu B, Lawton M, **Baskaya MK**, Morcos J. Letter to the Editor. Commentary in response to EC-IC Bypass in Symptomatic Arterial Occlusion Trial (CMOSS). *Neurosurgery*, 2024;94(2): e30-e32.

Submitted Papers

1. Keles A, Dumot C, Hatipoglu Majernik G, Chebel R, Gurbuz MS, Gasimov T, Garcia Oriola G, Erginoglu U, Ozaydin B, Martinez Santos JL, **Baskaya MK**. Madison Objective Self-Assessment Tool for Microsurgical Skill Assessment: Primary Utilization and Assessment of Its Reliability. *Turkish Neurosurgery (submitted)*
2. Ammanuel SG, Kalluri MH, Montoure JD, Lee B, Greenway GP, Ahmed AS, **Baskaya MK**. Development and Validation of a Predictive Machine Learning Model for Postoperative Long-Term Diabetes Insipidus Following Transsphenoidal Surgery for Sellar Lesions. *Clinical Neurology and Neurosurgery (submitted)*
3. Majernik GH, **Baskaya MK**. A Bibliometric Analysis of Sitting Position and Air Embolism in Neurosurgery: Top 100 Most Cited Articles. *World Neurosurgery (submitted)*
4. Akdemir-Aktas H, Gasimov T, Cancela AA, Keles A, Gurbuz MS, Tatar I, **Baskaya MK**. Anatomy of nerves in the pterygopalatine fossa by endoscopic endonasal dissection. *Surgical and Radiologic Anatomy (submitted)*
5. Adeeb N, Kandregula S, Salim HA, Musmar B, Ogilvy C, Dmytriw AA, Kondziolka D, El Naamani K, Sheehan J, Abdelsalam A, Kumbhare D, Ataoglu C, Erginoglu U, Essibayi MA, Keles A, Muram S, Daniel Sconzo BA, Riina H, Rezai A, Pöppe J, Sen RD, Griessenauer CJ, Jabbour P, Tjoumakaris SI, Burkhardt J, Starke RM, **Baskaya MK**, Sekhar LN, Altschul DJ, McAvoy M, Aslan A, Abushehab A, Swaid C, Abla A, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn, Dannenbaum MJ, Choudhri O, Pukenas B, Orbach D, Smith E, Möhlenbruch M, Alaraj A, Aziz-Sultan A, Patel AB, Cuellar HH, Lawton M, Morcos J, Guthikonda B. The Multicenter International Study for Treatment of Brain Arteriovenous Malformations (MISTA) Consortium: Study Design and Initial Patient Characteristics. *Neurosurgery (submitted)*
6. Salim H, Abdul-Hafez H, Adeeb N, Kandregula S, Musmar B, Ogilvy C, Dmytriw A, Kondziolka D, Aslan A, Abdelsalam A, **Baskaya MK**, Ataoglu C, Abushehab A, Erginoglu U, El Naamani K, Sheehan J, Ironside N, Kumbhare D, Essibayi MA, Zeineddine H, Gummadi S, Tos S, Keles A, Muram S, Sconzo D, Rezai A, Alwakaa O, Philippe J, Sen R, Levitt M, Griessenauer C, Jabbour P, Tjoumakaris S, Atallah E, Riina H, Swaid C, Burkhardt J, Starke R, Sekhar L, Altschul D, Kim L, Haranhalli N, McAvoy M, Abla A, Stapleton C, Koch M, Srinivasan V, Chen P, Blackburn S,

- Cochran J, Choudhri O, Pukenas B, Orbach D, Smith E, Möhlenbruch M, Mosimann P, Alaraj A, Aziz-Sultan M, Patel A, Yedavalli V, Wintermark M, Savardekar A, Cuellar-Saenz H, Lawton M, Morcos J, Guthikonda B. Clinical Outcomes of Ruptured versus Unruptured Arteriovenous Malformations Using Different Treatment Modalities. *Stroke (submitted)*
7. Musmar B, Abdalrazeq H, Adeeb N, Salim HA, Roy JM, Aslan A, Tjoumakaris SI, Ogilvy CS, **Baskaya MK**, Kondziolka D, Sheehan J, Riina H, Kandregula S, Dmytriw AA, Abushehab A, El Naamani K, Abdelsalam A, Ironside N, Kumbhare D, Gummadi S, Ataoglu C, Essibayi MA, Keles A, Muram S, Sconzo D, Rezai A, Alwakaa O, Tos SM, Mantziaris G, Park MS, Hanalioglu S, Erginoglu U, Pöppe J, Sen RD, Griessenauer CJ, Burkhardt JK, Starke RM, Sekhar LN, Levitt MR, Altschul DJ, Haranhalli N, McAvoy M, Zeineddine HA, Abla AA, Atallah E, Gooch MR, Rosenwasser RH, Stapleton C, Koch M, Srinivasan VM, Chen PR, Blackburn S, Bulsara K, Kim LJ, Choudhri O, Pukenas B, Orbach D, Smith E, Mosimann PJ, Alaraj A, Aziz-Sultan MA, Patel AB, Savardekar A, Notarianni C, Cuellar HH, Lawton M, Guthikonda B, Morcos J, Jabbour P. Standalone Endovascular Embolization versus Stereotactic Radiosurgery in the Treatment of Arteriovenous Malformations in Eloquent Brain: A Multicenter Study with Propensity-Score Weighting. *Radiology*

Books

1. *Roberto C. Heros, a mentor and teacher like no other. A glimpse of his daily teaching of neurosurgery residents.* Editors: Prusmack CJ, **Baskaya MK**, Jea AH, Sultan MAA, 2003 University of Miami, FL.
2. *Complex Surgical Cases of Limbic System.* Editors: Sani S, **Baskaya MK**, Bryne R. 2017. Jaypee Health Sciences Publisher. (ISBN 978-93-86261-44-1).
3. *Vestibular Schwannoma Surgery: A Video Guide.* Editors: **Baskaya MK**, Pyle M, Roche J. 2019. Springer (ISBN 978-3-319-99298-3).

Book Chapters

1. **Baskaya MK**, Dempsey RJ. Brain Protection During Cerebrovascular Surgery. In *Perspectives in Neurological Surgery*, Ed: Mark Hadley Vol. 8, No. 1, 1997, pp 95-113

2. Sandin J, **Baskaya MK**, Dempsey RJ. Management of Lipid Metabolism in Stroke. In *Primer on Cerebrovascular Disease*, Ed: KMA Welch, Academic Press, 1997, pp 708-711
3. Nanda A, **Baskaya MK**. Neurovascular Trauma. In Gilman S, Goldstein GW, Waxman SG (Eds): *Neurobase [monograph on CD-ROM]*. Arbor Publishing, San Diego. 4th 1998 edition.
4. Coenen VA, **Baskaya MK**, Gilsbach JM, Polin RS. Carotid-Cavernous Sinus Fistulas. In In Gilman S, Goldstein GW, Waxman SG (Eds): *Neurobase [monograph on CD-ROM]*. Arbor Publishing, San Diego. 5th 1999 edition.
5. **Baskaya MK**, Sathyanarayana S, Nanda A. Skull Base Approaches to Brain Tumors. In Contemporary Treatments of Intracranial Tumors. *Seminars in Neurological Surgery*. Winfield W (Ed). Vol. 11, No. 3, pp 313-324, 2000
6. **Baskaya MK**, Heros RC. Surgical Treatment of Aneurysms of the Supraclinoid Segment of the Internal Carotid Artery. In *Management of Cerebral Aneurysms*. LeRoux PD, Winn HR, Newell DW (Eds). Saunders, Philadelphia, 2004, pp 747-762
7. Fritsch MJ, **Baskaya MK**, Heros RC. Treatment Options for Grade IV and V Arteriovenous Malformations. In *Textbook of Neurological Surgery*. Batjer HH, Loftus CM (Eds). Lippincott Williams and Wilkins, Philadelphia. (in press)
8. **Baskaya MK**, Jea A, Heros RC. Complications of Surgical Treatment of arteriovenous malformations. In *Operative Techniques in Neurosurgery*. Atos del Sousa (Ed). Vol 6, No 2 (June), 2003 pp 100-104
9. **Baskaya MK**, Jea A, Heros RC. Management of Incidental Aneurysms, Arteriovenous Malformations, and Cavernous Malformations. In *Tough Calls in Acute Neurology*. Rabinstein AA, Wijdicjs EFM, (Eds). Elsevier Butterworth Heinemann, pp 177-198, 2004
10. Heros RC, **Baskaya MK**. Retrograde Venous Thrombosis After Excision of a Cerebral Arteriovenous Malformation. In *Complex Tumors and Vascular Lesions: Neurosurgical Tactics and Approaches*. Kobayashi S (ed). Thieme, New York, 2005, pp 127-131
11. Jea A, **Baskaya MK**, Hedros RC. Surgical Treatment of Cerebral Arteriovenous Malformations. In *Contraversies in Neurovascular Surgery*. Lawton M, Gress DR, Higashida RT (Eds). Thieme, New York, Stuttgart, 2006, pp 115-129

12. **Baskaya MK**, Jea A, Morcos JJ. Microsurgical Treatment of Cavernous Malformations. In *Contraversies in Neurovascular Surgery*. Lawton M, Gress DR, Higashida RT (Eds). Thieme, New York, Stuttgart, 2006, pp 205-222
13. Tummala RP, **Baskaya MK**, Heros RC. Posterior fossa arteriovenous malformations and cavernous angiomas. In *Principles of Posterior Fossa Surgery*. Nanda A (Ed). Thieme Medical Publishers, New York, 2012, pp 218-227.
14. Bauer A, **Baskaya MK**. Pediatric Skull, Orbital and Skull Base Tumors. In *Pediatric Neurosurgery Web Based Electronic Book*. G. Narenthiran (Ed).
15. Seckin H, Avci E, **Baskaya MK**. Transcranial Approaches to the Orbit. Microsurgical Anatomy and Technique [Turkish]. In *The Orbit*. E Gonul and Y Izci (Eds). Ankara, Turkey 2011, pp 177-199.
16. Kujoth GC and **Baskaya MK**. Embryonic stem cell-derived multipotent mesenchymal stromal cell therapy following focal cerebral ischemia in the rat. In *Embryonic Stem Cells. Recent Advances in Pluripotent Stem Cell-based Regenerative Medicine*. Craig Atwood (Ed). Intech, Rijeka, Croatia 2011, pp 83-104.
17. Sadighi, A, Cikla U, Kujoth G, **Baskaya MK**. Cerebral venous variations. In *Bergman's Comprehensive Encyclopedia of Human Variations*. Tubbs S, Shoja M, Loukas M (Eds). John Wiley & Sons, Hoboken, NJ, USA 2016, pp 800-816.
18. Li Y, Uluc K, **Baskaya MK**. Surgical management of cerebellopontine angle meningiomas. In *Current Management of Central Nervous System Meningiomas*. Chang SD, Veeravagu A (Eds). Nova Science Publishers, NY, USA 2016, pp163-186.
19. Ondoma S, Li Y, **Baskaya MK**. Posterior Fossa Surgery. In Wang MY, Strayer AL, Harris OA, Rosenberg CM, Munnameni PV (Eds) . Routledge Taylor & Francis Group, London/New York, 2018, pp 276-283.
20. Helal AA, Cikla U, **Baskaya MK**. Superficial temporal artery to middle cerebral artery bypass. In *The Neurosurgical Atlas: A Multimedia Forum for Nuances of Techniques*. Volume: Cerebrovascular Surgery. Cohen-Gadol A (Ed).
21. Yilmaz T, Li Y, **Baskaya MK**. High flow extracranial to intracranial bypass. In *The Neurosurgical Atlas: A Multimedia Forum for Nuances of Techniques*. Volume: Cerebrovascular Surgery. Cohen-Gadol A (Ed).
22. Madura C, Cikla U, **Baskaya MK**. Carotid endarterectomy. In *The Neurosurgical Atlas: A Multimedia Forum for Nuances of Techniques*. Volume: Cerebrovascular Surgery. Cohen-Gadol A (Ed).

23. Baggott C, Cikla U, Schirmer CM, **Baskaya MK**. Should we clip or coil? Anterior circulation aneurysms. In *The Neurosurgical Atlas: A Multimedia Forum for Nuances of Techniques*. Volume: Cerebrovascular Surgery. Cohen-Gadol A (Ed).
24. Li Y, Cikla U, Schirmer CM, **Baskaya MK**. Should we clip or coil? Posterior circulation aneurysms. In *The Neurosurgical Atlas: A Multimedia Forum for Nuances of Techniques*. Volume: Cerebrovascular Surgery. Cohen-Gadol A (Ed).
25. Turan Y, Kozan A, **Baskaya MK**. Management of Lipid Metabolism. In: Caplan LR, Biller J, Leary MC, Lo EH, Thomas AJ, Yenari M, and Zhang JH, eds., *Primer on Cerebrovascular Diseases, Second Edition*, San Diego: Academic Press, 2017: pp
26. Parmar V, Aydin I, Avci E, **Baskaya MK**. Occipital Interhemispheric Approach to Limbic Tumors. In *Complex Surgical cases of Limbic System*. Byrne R, Sepehr S, Baskaya MK (Eds). Jaypee Health Science Publisher. 2017, pp 87-98
27. Dawkins D, Aydin I, Swanson K, **Baskaya MK**. Supracerebellar Transtentorial Approach to Limbic Tumors. In *Complex Surgical Cases of Limbic System*. Byrne R, Sepehr S, Baskaya MK (Eds). Jaypee Health Science Publisher. 2017, pp 57-70
28. Hanalioglu S, Aydin I, Ozalp H, **Baskaya MK**. Surgery for Vascular Malformations of the Limbic System. In *Complex Surgical Cases of Limbic System*. Byrne R, Sepehr S, Baskaya MK (Eds). Jaypee Health Science Publisher. 2017, pp 140-162
29. Hanalioglu S, Aydin I, Cikla U, **Baskaya MK**. Surgery for Giant and Unusual Tumors of the Limbic System. In *Complex Surgical Cases of Limbic System*. Byrne R, Sepehr S, Baskaya MK (Eds). Jaypee Health Science Publisher. 2017, pp 120-139.
30. Peker HO, **Baskaya MK**. Functional and Microsurgical Anatomy of Lower Cranial Nerves and Jugular Foramen [Turkish: Alt kranial sinirlerin (9,10,11,12) fonksiyonel ve mikrocerrahi anatomisi jugular fossa anatomisi.] In *Neurosurgical Anatomy of Function*. Biceroglu H, Tonge M, Hanci M, Gurvit H (Eds). 2019, pp. 699-736.
31. Wei Z, Cikla U, Seckin H, **Baskaya MK**. Microsurgical Treatment of Complex Intracranial Aneurysms. In *Management of Cerebrovascular Disorders*. Spiotta A, Turk A, Turner R, Chaudry I (Eds). Springer Publishing. 2019, pp. 131-142
32. Ocak PE, **Baskaya MK**. Functional and Microsurgical Anatomy of the Facial and Vestibulocochlear Nerves-Approaches to the Cerebellopontine Angle Tumors [Turkish: Fasial ve vestibulokoklear sinirlerinin fonksiyonel ve mikrocerrahi anatomisi-köşe tümörlerine yaklaşım]. In *Neurosurgical Anatomy of the Function*. Biceroglu H, Tonge Mehmet, Hanci M and Gurvit H (Eds). 2019, pp. 667-698.

33. Dogan I, **Baskaya MK**. Vertebrobasilar junction aneurysms: microsurgical treatment in Basilar Artery: A Clinical Review (Ed: Tarik F. Massoud). Nova Science Publishers, Inc, NY, USA.
34. Towner J, Miranpuri A, Cikla U, **Baskaya MK**. Clipping of Unruptured Aneurysms: Basics. In Management of Cerebrovascular Disorders. Spiotta A, Turk A, Turner R, Chaudry I (Eds). Springer Publishing. 2019, pp. 89-112.
35. Esene I, Sahin O, **Baskaya MK**. Perspective: Atrium Tumors. In Skull Base surgery: Strategies. Jean WC (Ed). Thieme, NY, USA. 2019, pp. 383-389.
36. Sahin O, Cikla U, Baskaya **MK**. Perspective: Tentorial Incisura. In Skull Base surgery: Strategies. Jean WC (Ed). Thieme, NY, USA. 2019, pp. 112-115.
37. Richardson A, Heros R, **Baskaya MK**. History of Cerebral Arteriovenous Malformations. In Stories of Stroke: Key Individuals and the Evolution of Ideas. Louis Caplan (Ed). *(submitted)*
38. Dawkins D, Sayyahmelli S, **Baskaya MK**. Posterior Circulation Aneurysms. In: Kato Y., Ansari A. (eds) Cerebrovascular Surgery. Advances and Technical Standards in Neurosurgery, vol 44:55-77. Springer 2022, Cham. https://doi.org/10.1007/978-3-030-87649-4_3 (ISBN 978-3-030-87648-7)
39. Koueik J, Sayyahmelli S, **Baskaya MK**. Surgical Anatomy of the Third Ventricle, In Brain Anatomy and Neurosurgical Approaches - A Practical, Illustrated, Easy-to-Use Guide. Figuerido EG, Rabelo NN, Welling LC (eds.). Springer, Cham, Switzerland. 2023, pp379-390
40. Ozaydin B, Keles A, **Baskaya MK**. Management of the facial nerve in skull base surgery: Presigmoid approach from neurosurgeon's perspective. In: Surgical Management of Facial Nerve Paralysis. Sanus GZ, Batioglu Karaaltin A, eds. 1st ed. Ankara: Turkiye Klinikleri; 2022. P. 166-75
41. Gurbuz MS, **Baskaya MK**. Anterior and Posterior Interhemispheric Approaches. In: Basic Neurosurgery. Ozgiray E, Avci E, eds.; Turkish Neurosurgery Association, Ankara, Turkey. 2022, Chapter 37, p 377-392
42. Gurbuz MS, **Baskaya MK**. Transbasal Approaches (Transbazal Yaklasimlar). In: Basic Neurosurgery. Ozgiray E, Avci E, eds.; Turkish Neurosurgery Association, Ankara, Turkey. 2022, Chapter 36, p 365-375
43. Hatipoglu-Majernik G, **Baskaya MK**. Posterior Circulation Aneurysms. In: Basic Neurosurgery. Ozgiray E, Avci E, eds.; Turkish Neurosurgery Association, Ankara, Turkey. 2022, Chapter 106, p 965-975

44. Gurbuz MS, Keles A, Erginoglu U, **Baskaya MK**. Far Lateral Approach. In *Technical Fundamentals in Neurosurgery*. Nitin A, Edward A, Kamil WN, Hanna A, Xiaoran Z, eds.; Thieme. 2022 (*submitted*)
45. Gasimov T, **Baskaya MK**. Surgical Approaches to Cerebral Aneurysms. In *Neuroanatomy Guidance to Successful Neurosurgical Interventions: The Torch of Neurosurgical Excellence*, Imad N. Kanaan, Vladimír Beneš (eds.), Springer Nature, Cham, Switzerland, 2024, pp. 89-96.
46. Martinez Santos JL, **Baskaya MK**. Surgical Treatment of Complex Aneurysms in Endovascular Era. In *Neuroanatomy Guidance to Successful Neurosurgical Interventions: The Torch of Neurosurgical Excellence*, Imad N. Kanaan, Vladimír Beneš (eds.), Springer Nature, Cham, Switzerland, 2024, pp. 143-156.
47. Keles A, Ozaydin B, Erginoglu U, **Baskaya MK**, Two-Stage Surgical Management for Acutely Presented Large Vestibular Schwannomas: Report of Two Cases, *Advances in Skull Base Tumor Surgery: The Practical Pearls*, ed.; Miguel Lopez-Gonzalez, Brain Sciences- MDPI, Basel, Switzerland, 2024, pp. 118-128.

Book Reviews

1. **Baskaya MK**, Morcos JJ. Neurosurgery of Arteriovenous Malformations and fistulas. A multimodal Approach by Steiger H-J, Schmid-Elsaesser R, Muacevic A, Bruckman H, Wowra B. *American Journal of Neuroradiology* September 24 (8) 1722-1723, 2003.
2. Cengiz P, **Baskaya MK**. Surgical Intensive Care Medicine by O'Donnell JM and Nacul FE. *Critical Care Medicine* 33:474, 2005
3. **Baskaya MK**, Cengiz P. Neurological and Neurosurgical Intensive Care by Ropper A. *Critical Care Medicine* (*in press*)

Abstracts

1. Gokalp HZ, Arasil E, Cakiroglu K, **Baskaya MK**. Posterior fossa tuberculomas. The 3rd National Congress of Neurosurgery, Antalya, Turkey, 1989 [Poster Presentation]
2. Arasil E, Deda H, Caglar S, **Baskaya MK**. The prophylactic use of the trimetoprim/sulfametoksazol during the operation period in neurosurgery. The 5th National Antibiotic and Chemotherapy Congress, Antalya, Turkey, 1990 [Oral Presentation]

3. Gokalp HZ, Arasil E, Tascioglu AO Egemen N, Deda H, **Baskaya MK**. Intracranial aneurysms. The 3rd National Vascular Surgery Congress, Antalya, Turkey, 1990 [Oral Presentation]
4. Egemen N, Gokalp HZ, Arasil E, Zorlutuna A, **Baskaya MK**, Caglar S. Embolectomy for acute occlusion of middle cerebral artery. The 3rd National Congress of Neurology, Istanbul, Turkey, 1990 [Poster Presentation]
5. Egemen N, Turker RK, Sanlidilek U, Zorlutuna A, **Baskaya MK** Bilgic S, Caglar S, Unlu A. The effect of Na Nitroprusside on severe chronic vasospasm. The 9th European Congress of Neurosurgery, Moscow, 1991 [Oral Presentation]
6. Turker RK, Egemen N, Sanlidilek U, Zorlutuna A, **Baskaya MK**, Bilgic S, Caglar S, Unlu A. The effect of Iloprost on chronic vasospasm. The 9th European Congress of Neurosurgery, Moscow, 1991 [Oral Presentation]
7. Gokalp HZ, Arasil E, Egemen N, Deda H, **Baskaya MK**. Intracranial multiple aneurysms. The 5th National Congress of Neurosurgery, Cesme, Turkey, 1991 [Poster Presentation]
8. Cakiroglu K, Egemen N, Dogan A, **Baskaya MK**, Caglar S. Cerebral vasospasm. The 5th National Congress of Neurosurgery, Cesme, Turkey, 1991 [Poster Presentation]
9. Erdem A, Yigit A, Unlu A, **Baskaya MK**. Selective amygdalo-hippocampectomy. The 4th National Congress of Neurology, Kusadasi, Turkey, 1991 [Oral Presentation]
10. Zorlutuna A, Gokalp HZ, Arasil E, Kanpolat Y, Erdogan A, Egemen N, Deda H, **Baskaya MK**, Caglar S. Chemotherapy for supratentorial glial tumors. The 4th National Congress of Neurology, Kusadasi, Turkey, 1991 [Oral Presentation]
11. Gokalp HZ, Egemen N, Deda H, **Baskaya MK**. Infratentorial Arteriovenous Malformations. International Conference. New Trends in Management of Cerebro-Vascular Malformations. Verona, Italy, 1992 [Oral Presentation]
12. Gokalp HZ, Arasil E, Erdogan A, Egemen N, Deda H, **Baskaya MK**. Supratentorial deep seated arteriovenous malformations. International Conference. New Trends in Management of Cerebro-Vascular Malformations. Verona, Italy, 1992 [Oral Presentation]
13. Egemen N, Turker RK, Guven MC, Zorlutuna A, Akbay C, **Baskaya MK**, Unlu A, Caglar S. The endothelial protective effect of Iloprost on severe chronic vasospasm. International Conference. New Trends in Management of Cerebro-Vascular Malformations. Verona, Italy, 1992 [Oral Presentation]

14. Gokalp HZ, Arasil E, Erdogan A, Tascioglu AO, Egemen N, Deda H, **Baskaya MK**, Attar A. Complications of intracranial aneurysm surgery. The 6th National Congress of Neurosurgery, Urgup, Turkey, 1992 [Poster Presentation]
15. Erdem A, Yigit A, **Baskaya MK**, Unlu A, Ustun M, Cerci A. Corpus callosotomy for intractable epilepsy. The 6th National Congress of Neurosurgery, Urgup, Turkey, 1992 [Poster Presentation]
16. Gokalp HZ, Arasil E, Erdogan A, Deda H, **Baskaya MK**, Attar A. Brain stem gliomas. The 6th National Congress of Neurosurgery, 1992 [Poster Presentation]
17. Gokalp HZ, Arasil E, Tascioglu AO, **Baskaya MK**, Yuceer N, Coskun K. Colloid cysts of third ventricle. The 7th National Congress of Neurosurgery, Antalya, Turkey, 1993 [Oral Presentation]
18. Seki Y, Anzai M, Saito K, **Baskaya MK**, Takayasu M, Suzuki Y, Shibuya M, Sugita K. Vasodilatory effect of PACAP on canine basilar artery in vivo. The 23rd Japanese Conference on Vasoactive Substances. Matsumoto, Japan, 1994 [Oral Presentation]
19. **Baskaya MK**, Rao AM, Prasad MR, Kindy MS, Dempsey RJ. Antisense oligonucleotide treatment against cerebral ischemia. The American Association of Neurological Surgeons, Orlando, Florida, April 22-27, 1995 [Poster Presentation]
20. Dempsey RJ, **Baskaya MK**, Rao AM, Prasad MR. Increased activity of ornithine decarboxylase and edema formation in the hippocampus after brain injury. XVII International Symposium on Cerebral Blood Flow and Metabolism, Cologne, Germany, July 2-6, 1995 [Oral Presentation]
21. Suzuki Y, **Baskaya MK**, Anzai M, Mori M, Seki Y, Saito K, Takayasu M, Shibuya M. Effects of Adrenomedullin on Cerebral Circulation. XVII International Symposium on Cerebral Blood Flow and Metabolism, Cologne, Germany, July 2-6, 1995 [Oral Presentation]
22. Dempsey RJ, **Baskaya MK**, Rao AM, Prasad MR. Effect of difluoromethylornithine treatment on ornithine decarboxylase activity and brain edema after traumatic brain injury. The American Academy of Neurological Surgery, Atlanta, Georgia, November 1-5, 1995 [Oral Presentation]
23. Rao AM, **Baskaya MK**, Maley ME, Prasad R, Dempsey RJ. Ornithine decarboxylase activity and edema formation in cerebral ischemia of gerbils. 25th Annual Meeting Society for Neuroscience, San Diego, California, November 11-16, 1995 [Poster Presentation]
24. **Baskaya MK**, Rao AM, Donaldson D, Prasad MR, Dempsey RJ. Effect of Ifenprodil on infarct size, blood-brain barrier breakdown, and edema formation

- after focal cerebral ischemia in the cat. The 25th Annual Meeting of Society for Neuroscience, San Diego, California, November 11-16, 1995 [Poster Presentation]
25. Rao AM, **Baskaya MK**, Maley ME, Prasad R, Kindy MS, Dempsey RJ. S-adenosylmethionine (SAM) effects on blood-brain barrier (BBB) breakdown and neuronal cell survival after transient ischemia. The 21st International Joint Conference on Stroke and Cerebral Circulation, San Antonio, Texas, January 25-27, 1996 [Poster Presentation]
 26. **Baskaya MK**, Rao AM, Puckett L, Prasad MR, Dempsey RJ. Quantification of regional blood-brain barrier changes after cortical impact brain injury. The American Association of Neurological Surgeons, Minneapolis, Minnesota, April 27-May 2, 1996 [Poster Presentation]
 27. Suzuki Y, Shibuya M, **Baskaya MK**, Takakura S. Cavernous angiomas in the cavernous sinus. The American Association of Neurological Surgeons, Minneapolis, Minnesota, April 27-May 2, 1996 [Poster Presentation]
 28. Rao AM, **Baskaya MK**, Dogan A, Dempsey RJ. Effect of phospholipase A2 (PLA2) inhibitor, CDP-Choline, on regional activities of ornithine decarboxylase (ODC) and blood-brain barrier (BBB) breakdown after transient ischemia. The 26th Annual Meeting of Society for Neuroscience, Washington D.C., November 16-21, 1996 [Poster Presentation]
 29. Dogan A, **Baskaya MK**, Rao AM, Rastl J, Dempsey RJ. Reduction of cerebral edema and infarct volume by ifenprodil in rats after temporary focal cerebral ischemia. Joint Meeting of the AANS/CNS Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Anaheim, California, February 4-6, 1997 [Poster Presentation]
 30. **Baskaya MK**, Dogan A, Rao AM, Dempsey RJ. The time course of the BBB breakdown and correlation with brain edema formation after experimental traumatic brain injury. The American Association of Neurological Surgeons, Denver, Colorado, April 12-17, 1997 [Poster Presentation]
 31. Dogan A, **Baskaya MK**, Donaldson D, Rao AM, Dempsey RJ. The effect of injury severity on the somatosensorial evoked potentials after traumatic brain injury. The American Association of Neurological Surgeons, Denver, Colorado, April 12-17, 1997 [Poster Presentation]
 32. **Baskaya MK**, Dogan A, Rao AM, Vemuganti R, Rastl J, Dempsey RJ. Application of intraluminal suture occlusion of middle cerebral artery in gerbils to obtain consistent infarction. The 27th Annual Meeting of Society for Neuroscience, New Orleans, Louisiana, October 25-30, 1997 [Poster Presentation]

33. Rao AM, Hatcher JF, **Baskaya MK**, Dogan A, Vemuganti R, Dempsey RJ. Fluorometric assay of nitrite and nitrate in brain tissue after head injury and ischemia. The 27th Annual Meeting of Society for Neuroscience, New Orleans, Louisiana, October 25-30, 1997 [Poster Presentation]
34. Vemuganti R, **Baskaya MK**, Dogan A, Rao AM, Rothstein JD, Dempsey RJ. Traumatic brain injury down-regulates glial glutamate transporters GLT-1 and GLAST. The 27th Annual Meeting of Society for Neuroscience, New Orleans, Louisiana, October 25-30, 1997 [Poster Presentation]
35. Dogan A, **Baskaya MK**, Rao AM, Vemuganti R, Dempsey RJ. The role of the polyamine interconversion pathway on brain edema formation after traumatic brain injury. Congress of Neurological Surgeons Annual Meeting, New Orleans, Louisiana, September 27-October 2, 1997 [Poster Presentation]
36. **Baskaya MK**, Rao AM, Dogan A, Vemuganti R, Salamat S, Dempsey RJ. Neuroprotective effects of CDP-choline on brain edema and blood-brain barrier breakdown after traumatic brain injury. Congress of Neurological Surgeons Annual Meeting, New Orleans, Louisiana, September 27-October 2, 1997 [Poster Presentation]
37. Dempsey RJ, Vemuganti R, **Baskaya MK**, Rao AM, Dogan A. The pathophysiology and regulation of the glutamatergic system in traumatic brain injury. The American Academy of Neurological Surgery, September 10-14, 1997 [Oral Presentation]
38. **Baskaya MK**, Temiz C, Dogan A, Dempsey RJ. Applications, modifications and complications of endovascular suture occlusion model of middle cerebral artery in different rat strains. Joint Meeting of the AANS/CNS Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology Orlando, Florida, February 1-4, 1998 [Poster Presentation]
39. Dogan A, Temiz C, **Baskaya MK**, Dempsey RJ. Effect of different dosages of difluoromethylornithine on reperfusion injury after temporary middle cerebral artery occlusion. Joint Meeting of the AANS/CNS Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Orlando, Florida, February 1-4, 1998 [Poster Presentation]
40. Dogan A, Rao AM, **Baskaya MK**, Vemuganti R, Temiz C, Dempsey RJ. The role of the polyamine interconversion pathway on reperfusion injury in rats after focal cerebral ischemia. The American Association of Neurological Surgeons, Philadelphia, Pennsylvania, April 25-30, 1998 [Poster Presentation]
41. Dogan A, **Baskaya MK**, Dempsey RJ. Protective effects of Ifenprodil, NMDA receptor antagonist at polyamine site, on brain edema and blood-brain barrier

- breakdown after experimental brain injury. Congress of Neurological Surgeons Annual Meeting, Seattle, Washington, October 3-8, 1998 [Poster Presentation]
42. Hatcher JF, Rao AM, **Baskaya MK**, Dempsey RJ. Simultaneous assay of ornithine decarboxylase (ODC) and polyamines after central nervous system (CNS) injury. The 28th Annual Meeting of Society for Neuroscience. Los Angeles, California, November 7-12, 1998 [Poster Presentation]
 43. Polin RS, Coenen VA, **Baskaya MK**, Kassel NF, Nanda A. Neurological improvement following neurointerventional management of vasospasm after subarachnoid hemorrhage. Joint Meeting of the AAANS/CNS Section on Cerebrovascular Surgery and American Society of Interventional and Therapeutic Neuroradiology, Nashville January 31-February 3, 1999 [Oral Presentation]
 44. **Baskaya MK**, Menendez JA, Polin RS, Nanda A. Results of surgical treatment of intrasylvian hematomas due to ruptured intracranial aneurysms. The American Association of Neurological Surgeons. New Orleans, Louisiana April 24-29, 1999 [Poster Presentation]
 45. Prasad SSVV, **Baskaya MK**, Polin RS, Willis BK, Nanda A. Traumatic injuries to carotid arteries. The 10th Annual Meeting of North American Skull Base Society, Chicago, Illinois, May 28-31, 1999 [Oral Presentation]
 46. Prasad SSVV, **Baskaya MK**, Nanda A. Posterior skull base approaches to vertebrobasilar aneurysms. The 10th Annual Meeting of North American Skull Base Society. Chicago, Illinois, May 28-31, 1999 [Oral Presentation]
 47. **Baskaya MK**, Prasad SSVV, Polin RS, Nanda A. Results of surgical treatment of basilar tip aneurysms: Louisiana State University-Shreveport Experience. Congress of Neurological Surgeons Annual Meeting, Boston, Massachusetts. October 30-November 4, 1999 [Oral/Poster Presentation]
 48. Prasad SSVV, **Baskaya MK**, Polin RS, Willis BK, Nanda A. The influence of cocaine on intracranial aneurysms: A meta-analysis of prognostic indicators. Congress of Neurological Surgeons Annual Meeting, Boston, Massachusetts. October 30-November 4, 1999 [Oral Presentation]
 49. Nanda A, Prasad SSVV, Polin RS, Shin CS, **Baskaya MK**, Willis BK. Cerebral ischemia as a prognostic indicator in the management of intracranial aneurysms. Congress of Neurological Surgeons Annual Meeting, Boston, Massachusetts. October 30-November 4, 1999 [Poster Presentation]
 50. Menendez JA, **Baskaya MK**, Nanda A. Retrospective analysis of the metastatic spinal cord tumors, surgical versus medical treatment and prognosis. The American Association of Neurological Surgeons, San Francisco, California, April 8-13, 2000 [Poster Presentation]

51. Smith P, Shin PC, Polin RS, **Baskaya MK**, Menendez JA, Mangat M, Willis BK, Smith DR, Nanda A. Comparison of early displacement rate using titanium cages versus allograft bone after anterior cervical corpectomy. The American Association of Neurological Surgeons, San Francisco, California, April 8-13, 2000 [Poster Presentation]
52. Sathyanarayana S, **Baskaya MK**, Menendez JA, Nanda A. Role of early surgery on clinical outcome in patients with poor grade subarachnoid hemorrhage due to ruptured anterior circulation aneurysms. Congress of Neurological Surgeons Annual Meeting, San Antonio, Texas, September 23-28, 2000 [Poster Presentation]
53. **Baskaya MK**, Abumeri I, Coscarella E, Morcos JJ. Combined surgical approaches through the temporal bone: surgical anatomy, pitfalls and complications. Lessons learned in a series of 36 patients. The 12th Annual Meeting of North American Skull Base Society. Orlando, Florida, March 2-5, 2001 [Oral Presentation]
54. Dogan A, **Baskaya MK**, Vincent DA, Sathanarayana S, Nanda A. Far-lateral approach to intradural foramen magnum lesions without resection of the occipital condyle. The 12th Annual Meeting of North American Skull Base Society. Orlando, Florida, March 2-5, 2001 [Oral Presentation]
55. **Baskaya MK**, Azhari S, Heros RC. Unruptured aneurysms: changing attitude as a result of new data and new technology. The 63rd Annual Meeting of the American Academy of Neurological Surgery. West Palm Beach, Florida, November 14-17, 2001 [Oral Presentation]
56. **Baskaya MK**, Abumeri I, Coscarella E, Civantos F, Weed D, Morcos JJ. Combined craniofacial approaches to lesions involving anterior cranial fossa, paranasal sinuses, and the clivus. The 13th Annual Meeting of North American Skull Base Society. San Diego, California, February 16-19, 2002 [Oral Presentation]
57. Coscarella E, **Baskaya MK**, Morcos JJ. An alternative extradural exposure to the anterior clinoid process: the superior orbital fissure as a surgical corridor. Anatomy, technical note, and clinical experience. The 13th Annual Meeting of North American Skull Base Society. San Diego, California, February 16-19, 2002 [Oral Presentation]
58. Prusmack CJ, Jea AS, **Baskaya MK**, Weed D, Morcos JJ. Long-term survival with aggressive treatment in 3 immunocompromised patients with rhino-orbitocerebral fungal infections. The 13th Annual Meeting of North American Skull Base Society. San Diego, California, February 16-19, 2002 [Oral Presentation]
59. **Baskaya MK**, Jea A, Villasuso E, Telischi FF, Weed D, Civantos F, Morcos JJ. Aggressive skull base resection of juvenile ossifying fibromas: the University of

- Miami experience in 4 patients and review of the world literature. The 14th Annual Meeting of North American Skull Base Society. Memphis, Tennessee, February 22-25, 2003 [Oral Presentation]
60. Avci E, **Baskaya MK**. The Surgical Anatomy of the Anomalous Posterior Communicating Artery. The 3rd International Mt. Bandai Symposium for Neuroscience & the 4th Pan Pacific Neurosurgery Congress. Honolulu, Hawaii. February 22-28, 2003 [Oral Presentation]
 61. **Baskaya MK**, Cengiz P, Dempsey RJ. Secondary injury factors after traumatic brain injury: characterization of cortical impact brain injury model. The American Association of Neurological Surgeons, San Diego, California, April 26-May 1, 2003 [Poster Presentation]
 62. Javahery RJ, **Baskaya MK**, Ragheb J, Morcos JJ, Heros RC. Multidisciplinary treatment of arteriovenous malformations: Emphasis on complications and outcome. Congress of Neurological Surgeons Annual Meeting, Denver, Colorado, September 2003 [Oral Presentation]
 63. Izci Y, Moftakhar R, Pyle M, **Baskaya MK**. Retromandibular fossa approach to cervical internal carotid artery. The 18th Annual Meeting of the North American Skull Base Society. Chicago, Illinois, May 24-27, 2007 [Oral Presentation]
 64. Izci Y, Moftakhar R, **Baskaya MK**. Supracerebellar Transtentorial Transcollateral Sulcus Approach to the Atrium of the Lateral Ventricle. (accepted for digital poster presentation in CNS Annual Meeting 2007).
 65. Izci Y, Moftakhar R, **Baskaya MK**. Sulcal and Gyral Anatomy of the Orbitofrontal Cortex with its Arterial Supply and White Matter Fiber Connections. (accepted for digital poster presentation in CNS Annual Meeting 2007).
 66. Aagard-Kienitz B, Nett B, Chen G-H, Bauer A, **Baskaya MK**. Percutaneous image guided intracranial surgical tool placement in a simulated brain tumor using flat panel cone-beam computed tomography (FP-CBCT) and digital fluoroscopy: a feasibility study. The 5th International Congress of the World Federation of Skull Base Societies and the 19th Annual Meeting of the North American Skull Base Society, September 11-14, 2008, Vancouver, Canada. [Oral Presentation]
 67. Bauer A, Ates O, **Baskaya MK**. Microsurgical anatomy of the posterior spinal artery. The 5th International Congress of the World Federation of Skull Base Societies and the 19th Annual Meeting of the North American Skull Base Society, September 11-14, 2008, Vancouver, Canada. [Oral Presentation]
 68. **Baskaya MK**, Liu Y, Seckin H, Izci Y. Neuroprotection by Mesenchymal Stem Cells Derived From Human Embryonic Stem Cells in Focal Cerebral Ischemia in Rats Congress of Neurological Surgeons Annual Meeting, 2008 [Poster Presentation].

69. Seckin H, Ahmed A, Avci E, Pulfer K, Niemann DB, **Baskaya MK**. Imaging the vascular tree in cadaveric heads. The 2nd International Levantine Forum “Advances in Neurological Surgery”. November 13-16, 2008. Antalya, Turkey [Poster Presentation].
70. Arat A and **Baskaya MK**. Treatment Options for Intracranial Dissecting Aneurysms. The 23rd Turkish Neurosurgical Society Scientific Congress. April 17-21, 2009. Kyrenia, Cyprus [Oral Presentation].
71. Arat A, Medow J, **Baskaya MK**. Double origin of the posterior inferior cerebellar artery associated with dissecting aneurysm. The 23rd Turkish Neurosurgical Society Scientific Congress. April 17-21, 2009. Kyrenia, Cyprus [Poster Presentation].
72. Seckin H, Avci E, Uluc K, Bauer A, **Baskaya MK**. Craniofacial approaches to the midline skull base: Microsurgical anatomy with case illustrations. 20th Annual Meeting of North American Skull Base Society, New Orleans, October 16-18, 2009 [Oral Presentation].
73. Avci E, Seckin H, Uluc K, **Baskaya MK**. Fisch approaches to the infratemporal fossa. 20th Annual Meeting of North American Skull Base Society, New Orleans, October 16-18, 2009 [Oral Presentation].
74. Tatar L, Arat A, **Baskaya MK**. Fenestration and double origin of the posterior inferior cerebellar artery. British Association of Clinical Anatomists Winter Scientific Meeting. December 21, 2009. Southampton, England. [Oral Presentation].
75. Akture E, Arat A, Niemann D, Aagard-Kienitz B, Miranpuri A, **Baskaya MK**. Treatment of posterior inferior cerebellar artery aneurysms. The 24th Turkish Neurosurgical Society Scientific Congress. May 14-18, 2010. Belek-Antalya, Turkey [Oral Presentation].
76. Arat A, Ryuta Y, Niemann D, Aagard-Kienitz B, **Baskaya MK**, Strother CM. The 24th Turkish Neurosurgical Society Scientific Congress. May 14-18, 2010. Belek-Antalya, Turkey [Oral Presentation].
77. Turkoglu E, Kertmen H, Arat A, Patel N, **Baskaya MK**. Anterior communicating artery aneurysm associated with an infraoptic course of anterior cerebral artery and rare variant of the persistent trigeminal artery: a case report and literature review. The 24th Turkish Neurosurgical Society Scientific Congress. May 14-18, 2010. Belek-Antalya, Turkey [Poster Presentation].
78. Lake W, Salamat S, **Baskaya MK**. Imaging and histopathological characteristics of CNS post-transplant lymphoproliferative disorder. *Annual Meeting of Society of Neuro-oncology*. [Oral Poster Presentation].

79. Medow JE, Vermulen L, Johnson B, Angelini G, Zahed C, **Baskaya MK**, Ketzler J. Identifying and controlling exorbitant medication cost in the neuroscience intensive care unit. *Congress of Neurological Surgeons Annual Meeting, Oct. 16-Oct 21, 2010*. San Francisco, CA [Oral Presentation].
80. Medow JE, Osterby K, Kamps T, Zahed C, Angelini G, Baskaya **MK**, Jetzker H. Safe Early Deep Venous Thrombosis Chemoprophylaxis in Closed Head Injury. Congress of Neurological Surgeons. Oct. 16– Oct. 21, 2010. San Francisco, CA [Poster Presentation].
81. Medow JE, Lemrise A, Safdar N, Angelini G, Zahed, C, **Baskaya, MK**. Protocol Driven Ventriculostomy Placement and Management Results in Zero Infections Over a 1-Year Period. Congress of Neurological Surgeons. Oct. 16 – Oct. 21, 2010. San Francisco, CA [Poster Presentation].
82. Medow JE, Chesmore P, Safdar N, Zahed C, Angelini G, Ketzler J, **Baskaya MK**. Significant Reduction in Ventilator Associated Pneumonia Using Multimodality Prevention and Testing. Congress of Neurological Surgeons. Oct. 16-Oct 21, 2010. San Francisco, CA [Poster Presentation].
83. Avcı E, Dağtekin A, Öztürk AH, Kara E, Öztürk NC, Uluç K, Aktüre E, **Başkaya MK**. Anatomical variations of the foramen magnum, occipital condyle and jugular tubercle. The 5th International Symposium on Microneurosurgical Anatomy. Istanbul, Turkey, November 4-6, 2010 [Poster Presentation]
84. Avcı E, Dağtekin A, Kara E, Uluç K, Aktüre E, **Başkaya MK**. Variations of the Vein of Labbé in Anatomical Dissections and 3D CT Angiograms. The 5th International Symposium on Microneurosurgical Anatomy. Istanbul, Turkey, November 4-6, 2010 [Poster Presentation]
85. Dağtekin A, Avcı E, Uzmansel D, Kurtoglu Z, Kara E, Uluç K, Aktüre E, **Başkaya MK**. Revisiting the regional microsurgical anatomy and variations of the anterior clinoid process in relation to supra- and parasellar lesions. The 5th International Symposium on Microneurosurgical Anatomy. Istanbul, Turkey, November 4-6, 2010 [Poster Presentation]
86. Kahilogullari G, Uz A, Eroglu U, Apaydin N, Yesilirmak Z, **Baskaya MK**, Egemen N. Does the sphenoid wing angle effect operation strategy? The 5th International Symposium on Microneurosurgical Anatomy. Istanbul, Turkey, November 4-6, 2010 [Poster Presentation]
87. Miranpuri AS, Aktüre E, Uluc K, **Baskaya MK**, Niemann D. Method of validating middle cerebral artery occlusion stroke model with digital subtraction angiography in rodents. AANS/CNS Cerebrovascular Section Annual Meeting. Los Angeles, California, February 7-8, 2011 [Poster Presentation].

88. Miranpuri AS, Akture E, Uluc K, Aagard_Kienitz B, Arat A, Niemann D, **Baskaya MK**. Circadian and climatic factors in the onset of aneurysmal subarachnoid hemorrhage versus non-aneurysmal perimesencephalic hemorrhage. AANS/CNS Cerebrovascular Section Annual Meeting. Los Angeles, California, February 7-8, 2011 [Poster Presentation].
89. Madura CJ, Seckin H, Gubbels SP, Pyle MG and **Baskaya MK**. Spontaneous CSF leak due to clinically occult elevated ICP. 21st Annual Meeting of North American Skull Base Society, Scottsdale, AZ, February 18-20, 2011 [Oral Presentation].
90. Turkoglu E, Seckin H, Ahmed A, Uluc K, Pulfer K, Arat A, Niemann D, Salamat S, **Baskaya MK**. Refining the cadaveric perfusion and angiography as a teaching tool: imaging intracranial vasculature in cadavers. European Association of Neurosurgery Training Course: Vascular Neurosurgery. Tallinn, Estonia, February 20-24, 2011. [Oral Presentation]
91. Ng J, Royalty K, Pulfer L, Al-Molani F, AktureE, Aagaard-Kienitz B, **Başkaya MK**, Strother C, Niemann D. Intravenous 3-Dimensional Digital Subtraction Angiography (IVDSA) for Assessment of Postoperative Intracranial Aneurysm Patients. World Federation of International Neurology Meeting. Cape Town, South Africa November 12-17, 2011 [Oral Presentation].
92. Ng J, Royalty K, Pulfer K, Al-Molani F, Akture E, Aagaard-Kienitz B, **Baskaya MK**, Strother C, Niemann D. Parametric Analysis of 2D Digital Subtraction Angiography for Pre/Post Evaluation of Vasospasm Treatment. World Federation of International Neurology Meeting. Cape Town, South Africa November 12-17, 2011 [Oral Presentation].
93. Miranpuri A, Ng J, Niemann D, Al-Molani F, Nickele C, Bauer A, **Baskaya MK**, Aagaard-Kienitz B. Angiographic Simulation using Silicone Models Improves Performance. World Federation of International Neurology Meeting. Cape Town, South Africa November 12-17, 2011 [Oral Presentation].
94. Akture E, Miranpuri A, Kujoth G, Consigny D, Aagaard-Kienitz B, **Baskaya MK**, Niemann D. Endovascular MCAO: A novel of middle cerebral artery occlusion model in rats. World Federation of International Neurology Meeting. Cape Town, South Africa November 12-17, 2011 [Oral Presentation].
95. Yoon H, Pikar K, Salamat S, Helenowski IB, Chandler J, Getch C, Batjer HH, Bendok B, Rosenow JM, **Baskaya MK**, Kuo J, Marymont MH, Mehta MP. Prognostic factors and outcome of atypical and anaplastic meningiomas with and without radiation. [Oral Presentation].
96. Gartrell B, Hansen MH, Gantz BJ, Gluth MB, **Baskaya MK**, Gubbels SP. Facial and lower cranial neuropathies after preoperative embolization of jugular foramen

- lesions with ethylene vinyl alcohol. American Neuro-otological Surgeons Annual Meeting. San Diego, CA April 2012. [oral presentation].
97. Ozgiray E, Akture E, Patel N, Baggot C, Bozkurt M, Niemann D, **Baskaya MK**. How reliable and accurate is Indocyanine green video angiography in the evaluation of aneurysm obliteration? The 26th Annual Meeting of Turkish Neurosurgical Society. Belek/Antalya, Turkey. April 20-24, 2012. [oral presentation]
 98. Bozkurt M, Canbay S, Fidan E, Akture E, Salamat MS, **Baskaya MK**. Microsurgical anatomy of the dorsal thoracic rootlets and dorsal root entry zones. European Association of Neurosurgical Societies Annual Meeting. Bratislava, Slovakia. October 24-27, 2012. [oral presentation]
 99. Bauer A, Uluc K, **Baskaya MK**. Management of clivus chordoma invading through dura to brainstem: A surgical video presentation. The 8th International Congress on Meningiomas and Cerebral Venous System (ICOMCVS) and the 3rd International Symposium on the Cavernous Sinus (ISOCS), Little Rock, Arkansas, November 4-7, 2012
 100. Agrawal B, **Baskaya MK**. Microsurgical resection of tuberculum sella meningioma with extradural clinoidectomy and optic unroofing. A surgical video presentation. The 8th International Congress on Meningiomas and Cerebral Venous System (ICOMCVS) and the 3rd International Symposium on the Cavernous Sinus (ISOCS), Little Rock, Arkansas, November 4-7, 2012
 101. Comert A, Canbay S, Gurer B, Bozkurt M, Izci Y, **Baskaya MK**. Anatomical relationship of the lumbar and sacral spinal segments according to the lumbosacral spine. The 30th Annual Meeting of American Association of Clinical Anatomists. Denver, CO, USA. July 9-13, 2013 [oral presentation].
 102. Ng J, Royalty K, Pulfer K, Al-Molani F, Aagard-Kienitz B, Strother C, **Baskaya MK**, Niemann D. Intravenous 3-dimensional digital subtraction angiography (3D ivDSA) for assessment of postoperative intracranial aneurysm patients. The 81st AANS Annual Meeting, New Orleans, La, April 29-May 1, 2013. [poster presentation].
 103. Cikla U, Antar V, Gurer B, Neves G, **Baskaya MK**. Definition and examination of the brainstem safe entry zones with 4.7T magnetic resonance imaging and diffusion tractography. The 24th Annual North American Skull Base Society Meeting. San Diego, CA. February 14-16, 2014. [poster presentation]
 104. Cikla U, Gurer B, Antar V, Bauer A, **Baskaya MK**. Intraoperative assessment of the posterior communicating artery and its branches by indocyanine-green videoangiography. 24th Annual North American Skull Base Society Meeting. San Diego, CA. February 14-16, 2014 [oral presentation]

105. Sandoval-Garcia C, Niemann DB, Ahmed A, Aagard-Kienitz B, Strother CM, **Baskaya MK**. 4D DSA: A new tool for evaluation and operative planning of complex arteriovenous malformations. The 82nd AANS Annual Meeting, San Francisco, CA, April 5-9, 2014. [poster presentation].
106. Uluc K, Cikla U, Swanson K, **Baskaya MK**. A novel technique of arachnoid retraction in microneurosurgical resection. North American Skull Base Meeting. Tampa, Florida. February 20-22, 2015. [poster presentation].
107. Cikla U, Salamat S, Arman A, **Baskaya MK**. Mapping of the Blood Supply of the Internal Capsule in Cadaveric Brain by a Novel Technique. Congress of Neurological Surgeons Annual meeting, September 26-30, 2015. New Orleans, La. [poster presentation].
108. Cikla U, Salamat S, **Baskaya MK**. The Sulci Variations of the Inferior Surface of the Temporal Lobe. Congress of Neurological Surgeons Annual Meeting, September 26-30, 2015. New Orleans, La. [poster presentation].
109. Kujoth G, Cikla U, **Baskaya MK**. Monitoring Ischemic Cerebral Injury in Spontaneously Hypertensive Rats by Diffusion Tensor Imaging. Congress of Neurological Surgeons Annual meeting, September 26-30, 2015. New Orleans, La. [poster presentation].
110. Riley SP, Nair VA, Holsworth R, **Baskaya MK**, Kuo JS, Meyerarnd ME, Prabhakaran V. Characterizing the relationship between lesion-activation distance using fMRI and verbal measures in brain tumor patients. [oral presentation]
111. Mukherje D, Antar V, Gurer B, Cikla U, Neves G, Ekici MA, Hananya T, Field AS, Salamat SM, **Baskaya MK**. Microsurgical anatomy of the brainstem safe entry zones: a cadaveric study with high-resolution magnetic resonance imaging and fiber tracking. Congress of Neurological Surgeons Annual Meeting, September 24-28, 2016. San Diego, LA. [oral presentation].
112. Chen YJ, Gangaputra S, Trane RM, Coburn J, Kennedy T, Li Y, Mikula A, **Baskaya MK**. Compare visual dysfunction in adult patients who lost vision from pituitary tumor and spheno-orbital meningioma. North American Skull Base Society 27th Annual Meeting, March 3-5, 2017. New Orleans, La [poster presentation].
113. Peker HO, Eser P, Sahin B, Aydin I, Dinc C, Kanaliyev S, Cikla U, **Baskaya MK**. Surgical approaches for thalamic gliomas. XVI World Congress of Neurosurgery of the World Federation of Neurosurgical Societies, August 20-25, 2017. Istanbul, Turkey [oral presentation].
114. Hanalioglu S, Sahin B, Cikla U, Keser N, Aydin I, **Baskaya MK**. Results of microsurgery for poor-grade aneurysmal subarachnoid hemorrhage in the

- endovascular era. XVI World Congress of Neurosurgery of the World Federation of Neurosurgical Societies, August 20-25, 2017. Istanbul, Turkey [poster presentation].
115. Hanalioglu S, Sahin B, Cikla U, Kozan A, Aydin I, Peker HO, Dinc C, Ocak PE, Ocak U, **Baskaya MK**. Safety of perioperative aspirin use in brain tumor surgery: To stop or not to stop? XVI World Congress of Neurosurgery of the World Federation of Neurosurgical Societies, August 20-25, 2017. Istanbul, Turkey [poster presentation].
 116. Cikla U, Hanalioglu S, Sahin B, Aydin I, Dinc C, Ocak PE, Peker HO, **Baskaya MK**. Intracranial aneurysms and metabolic syndrome: Multiplicity and risk of rupture. XVI World Congress of Neurosurgery of the World Federation of Neurosurgical Societies, August 20-25, 2017. Istanbul, Turkey [oral presentation].
 117. Hanalioglu S, Aydin I, Sahin B, Dinc C, Ocak PE, Cikla U, **Baskaya MK**. Surgery for lesions of mediobasal temporal region: A clinical, radiological and anatomical study. XVI World Congress of Neurosurgery of the World Federation of Neurosurgical Societies, August 20-25, 2017. Istanbul, Turkey [oral presentation].
 118. Aydin I, Hanalioglu S, Peker HO, Sahin B, Dinc C, Ocak P, Cikla U, **Baskaya MK**. A natural corridor to reach the lesions around the fourth ventricle: The tonsillouvular fissure approach. XVI World Congress of Neurosurgery of the World Federation of Neurosurgical Societies, August 20-25, 2017. Istanbul, Turkey [oral presentation].
 119. **Baskaya MK**. Results of Microsurgery for Poor Grade Aneurysmal Subarachnoid Hemorrhage in Endovascular Era. 79th Annual Scientific Meeting of the American Academy of Neurological Surgery. September 13-16, 2017. Santa Barbara, CA. [oral presentation]
 120. Ocak P, Digan I, Ocak U, Dinc C, **Baskaya MK**. Facial nerve outcome and extent of resection in cystic versus solid vestibular schwannomas in radiosurgery era: Is near-perfect possible? The 28th Annual Meeting of North American Skull Base Society. February 16-18, 2018. Coronado, CA. [oral presentation]
 121. **Baskaya MK**, Cikla U. Revascularization for cerebral ischemia: step by step demonstration of bonnet bypass. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].
 122. **Baskaya MK**, Cikla U. Microsurgical obliteration of supraclinoid giant aneurysm via trapping and EC-IC bypass after failed flow diverting stenting. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].

123. Cikla U, Schmidt B, **Baskaya MK**. Combined transpetrosal and subtemporal approach for petroclival meningioma: microsurgical technique. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].
124. Cikla U, **Baskaya MK**. Microsurgical resection of Spetzler-Martin grade IV limbic AVM via interhemispheric approach. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].
125. Cikla U, **Baskaya MK**. Paramedian supracerebellar transtentorial approach for meningioma resection. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].
126. Ozaydin B, Cikla U, **Baskaya MK**. Microsurgical resection of anterior clinoidal meningioma via extradural anterior clinoidectomy and optic unroofing. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].
127. Sayyahmelli S, Cikla U, **Baskaya MK**. Gross total resection of large cerebellopontine angle meningioma with a supratentorial extension via retrosigmoid approach with suprameatal drilling and tentorial sectioning. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].
128. **Baskaya MK**, Sayyahmelli S, Cikla U. Demonstration of emergent clipping of ruptured pericallosal aneurysm which continued to rupture prematurely during skin incision. August 29th - September 3rd, 2018, Prague, Czech Republic [oral presentation].
129. **Baskaya MK**. Maximal safe resection in thalamic gliomas is superior to biopsy” Personal reflections on 40 cases. Annual Meeting of American Academy of Neurological Surgeons. [oral presentation]
130. Dawkins D, Harvey E, Li K, Aagaard-Kienitz B, Niemann D, **Baskaya MK**, Schafer S, Strother C, Ahmed A. E-174 Recognition of SAH patients at high risk for symptomatic vasospasm: responses to acetazolamide challenge. *Journal of NeuroInterventional Surgery* 12 (Suppl 1), A124-A124, 2020. [Conference paper]
131. Chagharvand S, Sayyahmelli S, **Baskaya MK**, Darsie M. First reported case of *Lactobacillus rhamnosus* ventriculitis, likely a probiotic-induced infection. Neurocritical Care Society Meeting, October 26-29th, 2021, Chicago, IL [poster presentation].
132. Armstrong S, Eisenmenger L, Ross J, Samsanov A, Rowley P, Ozaydin B, Keles A, Elshamy W, **Baskaya MK**. Acute Radiographic Differences in Parenchymal Damage Between Endoscopic and Open Approaches to Third Ventricle Colloid Cyst Resection. Annual Meeting of American Academy of Neurological Surgeons, April 29-May 2, 2022, Philadelphia, PN [poster presentation]

133. Ospina-Romero M, Salamat S, **Baskaya MK**, Grayev AM, Helgager J, A case of low-grade glioneuronal tumor in a 77-year-old man, American Association of Neuropathologist Annual Meeting, June 9-12, 2022, Bonita Springs, FL [poster presentation].
134. Keles A, Nisbet AF, Olsen HT, Gasimov T, Gurbuz MS, Majernik GH, Erginoglu U, Ozaydin B, **Baskaya MK**. Home Microsurgery Training: Low-cost, Portable Microsurgery Kit and Simulation of Arachnoid Closure with a Novel Onion Skin Model. Annual Meeting of Congress of Neurological Surgeons, October 8-12, 2022, San Francisco, CA [digital poster]
135. Dumot C, Gasimov T, Majernik GH, Keles A, **Baskaya MK**. Impact of Day Versus Night Treatment for Patient Outcomes After Aneurysmal Subarachnoid Hemorrhage. Annual Meeting of Congress of Neurological Surgeons, October 8-12, 2022, San Francisco, CA [digital poster]
136. Majernik GH, Dumot C, Keles A, Gurbuz MS, **Baskaya MK**. Can Staged Surgery be an Adequate Alternative for Large Vestibular Schwannomas? Annual Meeting of Congress of Neurological Surgeons, October 8-12, 2022, San Francisco, CA [digital poster]
137. Gasimov T, Morales Acosta N, Acitores Cancela A, Gurbuz MS, Akdemir Aktas H, Keles A, Erginoglu U, **Baskaya MK**. Extended anterior petrosectomy with partial clivectomy for vertebrobasilar junction and adjacent area: cadaveric dissection study. 2023 AANS Annual Scientific Meeting, April 21-24, 2023, Los Angeles, CA [e-poster]
138. Keles A, Dumot C, Hatipoglu Majernik G, Chebel R, Gurbuz MS, Gasimov T, Garcia Oriola G, Ozaydin B, Martinez Santos JL, **Baskaya MK**. Madison Objective Self-Assessment Tool; Primary Utilization and Assessing the Reliability. 2023 AANS Annual Scientific Meeting, April 21-24, 2023, Los Angeles, CA [e-poster]
139. Keles A, Acitores Cancela A, Shah JM, Morales Acosta N, Adekanmbi AA, Akdemir Aktas H, Erginoglu U, Ozaydin B, **Baskaya MK**. Online Microvascular Surgery Training: Is it feasible? 2023 AANS Annual Scientific Meeting, April 21-24, 2023, Los Angeles, CA [e-poster]
140. **Baskaya MK**. A Diffuse Glioma with IDH-mutation, ATRX-loss, and 1p/19q-codeletion: A Case Report. 2023 AANP National Conference June 2023
141. Keles A, Ozaydin B, **Baskaya MK**. Empowering Neurosurgeons from LMICs: The Mustafa K. Baskaya Laboratory as a Global Training Center in the Post-Covid-19 Era. 2023 Congress of Neurological Surgeons Annual Meeting, September 9-13, 2023, Washington D.C. [digital poster]

142. Keles A, Acitores Cancela A, Adekanmbi A, Bari MS, Dumot C, Gasimov T, Malazonia Z, Kessely YC, Ozaydin B, **Baskaya MK**. Bridging the Gap in Microsurgery Training: The Madison Microneurosurgery Initiative's Novel Approach for LMICs. 2023 Congress of Neurological Surgeons Annual Meeting, September 9-13, 2023, Washington D.C. [digital poster]
143. Keles A, Erginoglu U, Ataoglu C, Tuna D, Ozaydin B, **Baskaya MK**. The Mustafa K. Baskaya Laboratory: A Leading Global Training Center in the Post-Covid-19 Era. 3rd International Rhoton Society Meeting, August 22-24, 2023, Istanbul Turkey [oral presentation]
144. Gasimov T, Morales Acosta N, Acitores Cancela A, Gurbuz MS, Akdemir Aktas H, Keles A, Erginoglu U, **Baskaya MK**. Extended anterior petrosectomy with partial clivectomy for vertebrobasilar junction and adjacent area: cadaveric dissection study. 3rd International Rhoton Society Meeting, August 22-24, 2023, Istanbul Turkey [oral presentation]
145. Keles A, Kessely YC, Acitores Cancela A, Gasimov T, Ozaydin B, Ataoglu C, **Baskaya MK**. An Innovative Solution for LMICs: A Cost-Effective High-Quality Surgical Training Microscope. 3rd International Rhoton Society Meeting, August 22-24, 2023, Istanbul Turkey [oral presentation]
146. Keles A, Gasimov T, Gurbuz MS, Malazonia Z, Ozaydin B, **Baskaya MK**. Microvascular Anastomosis Courses for All: A New Approach for LMICs. Future of Microneurosurgery, August 25, 2023, Istanbul Turkey [oral presentation]
147. Keles A, Dumot C, Hatipoglu Majernik G, Chebel R, Elbayomy A, Gurbuz MS, Gasimov T, Garcia Oriola G, Tuna D, Ataoglu C, Erginoglu U, Ozaydin B, **Baskaya MK**. Madison Objective Self-Assessment Tool for Microvascular Laboratory Training. Future of Microneurosurgery, August 25, 2023, Istanbul Turkey [oral presentation]
148. Keles A, Acitores Cancela A, Adekanmbi A, Bari MS, Dumot C, Garcia Oriola G, Gasimov T, Gurbuz MS, U. Golidtum JP, Kessely YC, Malazonia Z, Moussalem CK, Bin Mohd Nor MA, Omar AH, Shah J, Ozaydin B, **Baskaya MK**. Free, Accessible, and Sustainable Microsurgical Training for LMICs: The Madison Microneurosurgery Initiative Approach. Future of Microneurosurgery, August 25, 2023, Istanbul Turkey [e-poster]
149. Keles A, Kessely YC, Acitores Cancela A, Gasimov T, Ozaydin B, Dempsey RJ, **Baskaya MK**. Low-Cost High-Quality Surgical Training Microscope: An Innovative Solution for LMICs. WFNS 2023 – 18th World Congress of Neurosurgery, December 4-8, 2023, Cape Town, South Africa [e-poster]
150. Keles A, Shahnawaz Bari M, Acitores Cancela A, Gasimov T, Gurbuz MS, Kessely YC, Malazonia Z, Moussalem CK, Shah J, Dempsey RJ, **Baskaya MK**. Building

- Capacity in LMICs: The Madison Microneurosurgery Initiative's Commitment to Free, Accessible, and Sustainable Microsurgical Training. WFNS 2023 – 18th World Congress of Neurosurgery, December 4-8, 2023 Cape Town, South Africa [oral presentation]
151. Keles A, Canton Kessely Y, Acitores Cancela A, Gasimov T, Ozaydin B, Cikla U, **Baskaya MK**. Building Your Own Affordable High-Quality Surgical Training Microscope: A DIY Guide for LMICs. 2024 American Academy of Neurological Surgeons Annual Scientific Meeting, May 3-6, 2023, Chicago, IL [e-poster]
 152. Cai F, Maximilian Lovato R, Keles A, Serikkanov Y, Ataoglu C, Erginoglu U, **Başkaya MK**. Endoscopic Perspectives of the Petroclival Region Via Multiple Approaches and Multiport Combinations. 1st Congress of Yasargil Microneurosurgery Academy, June 4-7, 2024, Istanbul Turkey [oral presentation]
 153. Maximilian Lovato R, Cai F, Keles A, Erginoglu U, **Baskaya MK**. Cadaveric Endoscopic Transmeatal Approach to the Internal Acoustic Canal and the Middle Ear. 1st Congress of Yasargil Microneurosurgery Academy, June 4-7, 2024, Istanbul Turkey [oral presentation]
 154. Maximilian Lovato R, Cai F, Keles A, Erginoglu U, **Baskaya MK**. Cadaveric Step-by-Step Endoscopic Transorbital Approach to the Cavernous Sinus. 1st Congress of Yasargil Microneurosurgery Academy, June 4-7, 2024, Istanbul Turkey [e-poster]
 155. Maximilian Lovato R, Cai F, Keles A, Erginoglu U, **Baskaya MK**. Endoscopic Transorbital Anterior Clinoidectomy: A Cadaveric Study. 1st Congress of Yasargil Microneurosurgery Academy, June 4-7, 2024, Istanbul Turkey [oral presentation]
 156. Maximilian Lovato R, Cai F, Bounah MK, Keles A, Erginoglu U, **Baskaya MK**. A Detailed Anatomical Study for Posterior Petrosectomy for Exposing the Round and Oval Windows. 1st Congress of Yasargil Microneurosurgery Academy, June 4-7, 2024, Istanbul Turkey [oral presentation]
 157. Keles A, Malazonia Z, Gasimov T, Canton Kessely Y, Acitores Cancela A, Dumot C, **Baskaya MK**. Microsurgery without Borders: No-Cost, Hands-On Basic Microvascular Anastomosis Slingshot Program for LMICs. 2024 Congress of Neurological Surgeons Annual Meeting, September 28 – October 2, 2024, Houston, TX [oral presentation]
 158. Keles A, Ak, HE, **Baskaya MK**. How to Establish Microsurgery Laboratory Training in LMICs: An Experience in 35 Centers across 20 LMICs. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [oral presentation]
 159. Keles A, Kessely YC, Oyeleye OO, Bah AB, Ak HE, **Baskaya MK**. Unveiling Hidden Potential: Using Cost-Effective Vintage Operative Microscopes for Advanced Microsurgery Practice in LMICs. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [poster presentation]

160. Cai F, Lovato RM, Ataoglu C, Erginoglu U, Serikkaniv Y, Keles A, Ak HE, **Baskaya MK**. Endoscopic Transorbital Transincisural Approach to the Ventral Brainstem: A Step-by-Step Cadaveric Dissection Study. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [poster presentation]
161. Cai F, Lovato RM, Keles A, Serikkanov Y, Ataoglu C, Erginoglu U, Ak HE, **Baskaya MK**. Journal of neurological surgery Bof the Petroclival Region with Multiport Combinations. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [oral presentation]
162. Lovato RM, Cai F, Keles A, Erginoglu U, **Baskaya MK**. Cadaveric Step-by-Step Endoscopic Transorbital Approach to the Cavernous Sinus. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [poster presentation]
163. Lovato RM, Cai F, Keles A, **Baskaya MK**. Cadaveric Endoscopic Transmeatal Approach to the Internal Acoustic Canal and the Middle Ear. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [poster presentation]
164. Lovato RM, Cai F, Keles A, Erginoglu U, **Baskaya MK**. Endoscopic Transorbital Anterior Clinoidectomy: A Cadaveric Study. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [poster presentation]
165. Lovato RM, Cai F, Bounah MK, Keles A, Erginoglu U, **Baskaya MK**. A Detailed Anatomical Study for Posterior Petrosectomy by Exposing the Round and Oval Windows. 2025 NASBS 34th Annual Meeting, February 13-16, New Orleans, LA [poster presentation]
166. Cikla U, **Baskaya MK**. Anatomical assessment and comparative analysis of ventricular access points in pterional approach: a cadaveric study CNSF Annual Scientific Meeting, doi: 10.1017/cjn.2024.106 2024. May 24,2024, Toronto, Canada