

Curriculum Vitae: Academic

(Abbreviated)

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Amin B. Kassam, M.D.

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Lake Forest, IL 60045

Amin Bardai Kassam, Doctor of Medicine

Education

Postgraduate:

1996-1997	University of Ottawa Ottawa, Ontario, Canada	Course work completed towards Masters in Clinical Epidemiology
1992-1997	University of Ottawa Ottawa, Ontario, Canada	Neurological Surgery Residency Program Director: Charles Agbi, MD
1991-1992	Toronto Wellesley Hospital Toronto, Ontario, Canada	Surgical Internship Program Director: Allan Lossing, MD

Graduate:

1987-1991	University of Toronto Toronto, Ontario, Canada	MD
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Undergraduate:

1985-1987	University of Toronto Toronto, Ontario, Canada	Major: Microbiology/Biochemistry (accepted early to Medical School prior to matriculation)
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Appointments

2022-current	Executive Vice President, Chief Medical Affairs and Transformation Officer, Northwest Community Hospital, Endeavor Health
2022-current	Chairman, Department of Neurosciences Northshore University Neurosciences Institute, Northwest Community Healthcare
2022-current	CEO and Founder, Intent Medical Group
2018-current	Chief Medical Officer, National Hockey League Alumni Association
2018-2020	Chief Scientific Strategist, AdvocateAurora Healthcare
2014-2020	Chairman, Department of Neurological Surgery, Aurora Medical Group
2013-2020	Vice President, Aurora Neurosciences Innovation Institute
2011-2013	Chief and Head of Division Neurological Surgery (interim), The Ottawa Hospital
2009-2010	Medical Director Neuroscience Institute John Wayne Cancer Institute at Saint John's Health Center
2007-2009	Chairman Department of Neurological Surgery University of Pittsburgh School of Medicine
2006-2007	Interim Chairman Department of Neurological Surgery University of Pittsburgh School of Medicine
2002-2008	Director Minimally Invasive Endo Neurosurgery Centre (Service Line) University of Pittsburgh Medical Center

Academic:

2010-2013	Professor of Surgery (Neurological Surgery), University of Ottawa
2008-2009	Professor Department of Neurological Surgery University of Pittsburgh School of Medicine

2004-2008	Associate Professor (Secondary Appointment) Department of Otolaryngology University of Pittsburgh School of Medicine
2004-2008	Associate Professor (Tenure awarded February 1, 2007) Department of Neurological Surgery University of Pittsburgh School of Medicine
2000-2004	Assistant Professor (Joint Appointment) Department of Otolaryngology University of Pittsburgh School of Medicine
1998-2004	Assistant Professor Department of Neurological Surgery University of Pittsburgh School of Medicine
1997-1998	Visiting Instructor Department of Neurological Surgery University of Pittsburgh School of Medicine

Technology/Corporate Appointments:

Chief Executive Officer and Founder, AKAI Enterprises	2025
Chief Executive Office and Founder, Neeka Enterprises	2018- Current
Co-Founder, Synaptive Medical Corporation	2012- Current
Chair of Scientific Advisory Board, NICO Corporation	2008 - 2015
Founder & President, Surgical Technologies Assessment Group LLC	2002 - 2005
Director, Center for Assessment of Surgical Technology, UPMC	2002 - 2005

Certification and Licensure**Specialty****Certification:**

August 28, 1996	Royal College of Physicians and Surgeons of Canada, Neurological Surgery (Written and Oral Boards) FRCSC
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Medical Licensure:

2021-present	Medicine and Surgery, Michigan
2021-present	Medicine and Surgery, Illinois
2019-present	Medicine and Surgery, Texas
2013-present	Medicine and Surgery, Wisconsin
2009-present	Medical Board of California
1997-present	Medical Physician and Surgeon, Commonwealth of Pennsylvania
1992-present	College of Physicians and Surgeons of Ontario
1992-present	Licentiate of Medical Council of Canada

Examination:

1996 and 2006 American Board of Neurological Surgery (Written)

Course Certifications:

Available upon request.

Memberships in Professional and Scientific Societies

2016-2018	Central Nervous System Tumors Track of ASCO's Scientific Program Committee
2008-present	International Meningioma Society
2007-present	Society for Neuro-Oncology
2004-present	European Skull Base Society
2002-2006	International College of Surgeons
1999-present	North American Skull Base Society
1999-present	Congress of Neurological Surgeons
1999-present	American Association of Neurological Surgeons
1996-present	Royal College of Physicians & Surgeons of Canada
1994-present	College of Physicians and Surgeons of Ontario

Honors (selected)

2025	Guest Faculty-Cambridge Oration, 20 th Anniversary Edition of the Cambridge Lectures in Neurosurgical Anatomy, Cambridge, England
2024	Honored Guest Lecture Award, 15 th Scientifica Conference, Goa, India
2023	Honored Guest Lecture Award, The Scientific Committee of the 10 th IFNE World Congress of Neuroendoscopy, Singapore,
2023	Honored Guest, Neurosurgery International Master Class, Dubai, United Arab Emirates
2020	Pioneer and Technology Development Award, SBMT 19 th Annual Congress- Society of Brain Mapping & Theurapeutics, Los Angeles, California
2019	Guest Speaker, North American Neuro-Ophthalmology Society (NANOS, March 2020), Amelia Island, Florida Honored Guest, The 30 th Annual meeting (Feb. 2020) North American Skull Base Society, San Antonio, Tx Honored Guest, Royal College of Surgeons, Thai Neurosurgical Society, Bangkok, Thailand

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- 2018 Honored Guest, Argentina Skull Base Society, Buenos Aires, Argentina
- 2016 Co-Chair of 7th World Congress of Endoscopic Surgery of Brain, Skull Base, and Spine
- 2012 Chair of the Division of Skull Base Surgery, Walter E. Dandy Neurosurgical
- 2012 Honored Guest Endo Vienna: 5th World Congress of Endoscopic Skull Base Surgery Society
- 2011 Presidents Citation Award Combined European Society, Barcelona Spain
- 2010 Honored Guest Asian Pacific Congress of Neurological Surgeons
- 2010 Ginde Oration, Bombay Hospital
- 2007 Honored Guest, Annual Meeting of the Société de Neurochirurgie de Langue Française (SNCLF) Paris, France
- 2007 Department of Neurological Surgery Annual Award for Faculty Teaching University of Pittsburgh School of Medicine
- 2007 Penfield Lecturer, Canadian Neurosurgical Society
- 2007, 2008, 2009 “Top Doctor”, *Pittsburgh Magazine*
- 2006 (cover story) “Top Doctor”, *Pittsburgh Magazine*
- 2006 Third International “Endoscopic Award”, Beijing Neurosurgical Institute
- 2006 Interurban Neurosurgical Society Lecturer
- 2005 Award for the Best Paper in eHealth: Applications of Telemedicine in the Operating Room, International Conference on Telemedicine and Multi-media Communication
- 2005 Co-Chair, 1st World Congress for Endoscopic Surgery of the Brain, Skull Base, and Spine
- 2005 President’s Invited Lecture, International Society of Pediatric Neurosurgeons
- 2005, 2006 Best Doctors in America
- 2005 Guest Editor, *Neurological Focus*
- 2004 Masters in Neurosurgery, Congress of Neurological Surgeons
- 2004 M.T. Richard Lecturer, University of Ottawa
- 2004 Hitselberger Lecturer, American Academy of Otolaryngology-Head and Neck Surgery
- 2003 Merit Award Ismaili Health Association, Aga Khan Health Board (U.S.A.)

2001	Summa Cum Laude Citation, American Society of Neuroradiology 39 th Annual Scientific Meeting
2000	Above & Beyond Program, University of Pittsburgh Medical Center-Presbyterian Hospital
1991	Track Scholarship in Surgery, University of Toronto, Faculty of Medicine
1990	George Brown Memorial Award for Research, University of Toronto, Faculty of Medicine
1988	American Assoc. of Neurology Experimental Research Competition
1988	Gold Medalist, Princeton Model United Nations Competition
1985	Ontario Scholar
1985	Canadian Achievement Award
1985	Aga Khan Academic Scholarship
1985	Frederick Urghart Academic Scholarship

Publication Impact Score

Citations	27,577
Research Gate (RG) Score	47.13 (98 th Percentile)
Hirsch Index (h-index)	83
Link to RG Profile	https://www.researchgate.net/profile/Amin_Kassam
Link to LinkedIn Profile	https://www.linkedin.com/in/amin-kassam-md-a5198219/

Peer Reviewed Publications:

1. Russel T. Wagner, Jacopo Berardinelli, **Amin B. Kassam**, Julian E. Bailes, Sammy Khalili, George Bobustuc, Melanie B. Fukui, Neil S. Mundi (2025) Recurrent Glioblastoma Resection with Microvascular Free Flap Reconstruction and Associated GammaTile® Implantation: A Personalized Approach with Oncologic and Reconstructive Integration. A Case Report. Journal of Neurosurgery. 25 April 2025. Doi: 10.1055/a-2576-7559.
2. Russel T. Wagner, Jacopo Berardinelli, Melanie B. Fukui, Sammy Khalili, Neil S. Mundi, **Amin B. Kassam**, Stephen J. Winkler (2025) Preoperative Administration of Amphotericin B in Orbital Mucormycosis Management: A Case Report. Journal of Neurosurgery. 11 April 2025. doi: 10.1055/a-2558-6468
3. Raymond D, Fukui M, Zwernik S, **Kassam A**, Rovin R, Akhtar P (2024) Evaluating soluble Axl as a biomarker for glioblastoma: A pilot study. PLoS ONE 19(7): e0301739. <https://doi.org/10.1371/journal.pone.0301739>.
4. Sergio Corvino, MD, **Amin Kassam, MD** Amedeo Piazza, MD, Francesco Corrivetti, MD, PhD, Toma Spiriev, MD, Antonio Colamaria, MD,

- Giovanni Cirrottola, MD, Carlo Cavaliere, MD, PhD, Felice Esposito, MD, PhD, Luigi Maria Cavallo, MD, PhD, Giorgio Iaconetta, MD, and Matteo de Notaris, MD, PhD. Open-door extended endoscopic transorbital technique to the paramedian anterior and middle cranial fossae: technical notes, anatomomorphometric quantitative analysis, and illustrative case. *Journal of Neurosurgery, JNS, Neurosurg Focus* 56(4):E7, 2024, Volume 56: Issue 4, doi: 10.3171/2024.1.FOCUS23838.
5. Cheruvalath H, Homa J, Singh M, Vilar P, **Kassam A**, Rovin RA. Associations between residential greenspace, socioeconomic status, and stroke: a matched case-control study. *J Patient Cent Res Rev.* 2022; 9:89-97. doi: 10.17294/2330-0698.1886
 6. Samuel D. Zwernik, Beau H. Adams, Daniel A. Raymond, Catherine M. Warner, **Amin B. Kassam**, Richard A. Rovin, and Parvez Akhtar. AXL receptor is required for Zika virus strain MR-766 infection in human glioblastoma cell lines. *Molecular Therapy – Oncolytics*, Elsevier, 17 December 2021. doi: 10.1016/j.omto.2021.11.001.
 7. Jonathan Ortiz – Rafael, MD, Srikant S. Chakravarthi, MD, MS, Rogelio Revuelta – Gutiérrez, MD, **Amin Kassam, MD**, Alejandro Monroy – Sosa. Microsurgical Anatomy of the Cranial Nerve-Centric Triangles of the Posterior Cranial Base: Cadaveric and Radiological Anatomical Study. *Anat. Sc. Int. Anat Sci Int* **96**, 531–543 (2021)
 8. Srikant S. Chakravarthi, Melanie B. Fukui, Alejandro Monroy-Sosa, Lior Gonen, Austin Epping, Jonathan E. Jennings, Laila Perez de San Roman Mena, Sammy Khalili Maharaj Singh, Juanita M. Celix, Bhavani Kura, Nathaniel Kojis, Richard A. Rovin, **Amin B. Kassam**. The Role of 3D Tractography in Skull Base Surgery: Technological Advances, Feasibility, and Early Clinical Assessment with Anterior Skull Base Meningiomas. *J Neurol Surg B Skull Base* 2021; 82:576–592.
 9. Monroy-Sosa A, Chakravarthi S, Fukui MB, Jennings JE, Celix JM, Nash KC, Kassam M, Rovin RA, **Kassam AB**. White Matter Governed Superior Frontal Sulcus Surgical Paradigm: A Radio-anatomic Microsurgical Study- Part I. *Operative Neurosurgery*, 2020 Sep.15;19(4): E343-E356. doi: 10.1093/ons/opaa065.
 10. **Kassam AB**, Monroy-Sosa A, Chakravarthi S, Fukui MB, Jennings JE, Celix JM, Nash KC, Kassam M, Rovin RA. White Matter Governed Superior Frontal Sulcus Surgical Paradigm: A Radio-anatomic Microsurgical Study- Part II. *Operative Neurosurgery*, 2020 Sep.15;19(4): E357-E369. doi: 10.1093/ons/opaa066.
 11. Smithee W, Chakravarthi S, Epping A, Kassam M, Monroy-Sosa A, Thota A, Kura B, Rovin RA, Fukui MB, **Kassam AB**. Initial experience with Exoscopic-based Intraoperative Indocyanine Green Fluorescence Video Angiography in Cerebrovascular Surgery: A Preliminary Case Series demonstrating Feasibility, Safety and Next Generation Handheld Form-Factor. *World Neurosurg.* 2020 Feb 8. pii: S1878-8750(20)30262-X. doi: 10.1016/j.wneu.2020.01.244. [Epub ahead of print]. PMID: 32045725.

12. Kassam M, Chakravarthi S, Epping A, Erpenbeck S, Singh M, Fukui MB, **Kassam AB**, Rovin RA. Does the method of visualization impact the performance of a new surgical task in novice subjects? [Int J Med Robot](#). 2020 Feb 4. doi: 10.1002/rcs.2088. [Epub ahead of print]
PMID:32017358.
13. Cathey K, Gunyon N, Chung N, Conway N, Ames D, Singh M, **Kassam AB**, Rovin RA. A Feasibility Study of Lavender Aromatherapy in an Awake Craniotomy Environment. *J Patient Cent Res Rev*. 2020 Jan 27;7(1):19-30. eCollection 2020 Winter. PMID: 32002444
14. de San Roman Mena LP, Monroy-Sosa A, Chakravarthi SS, Gonen L, Epping A, Khalili S, Smithee W, Kassam M, Celix JM, Kura B, Jennings J, Rovin RA, Fukui MB, **Kassam AB**. An Anatomically-Based Endoscopic Endonasal Model to Navigate the Anterior Ventral Skull Base. *World Neurosurg*. 2020 Feb;134: e422-e431. doi: 10.1016/j.wneu.2019.10.091. Epub 2019 Oct 23. PMID: 3165524 (ahead of print). * Editor's choice award
15. Juan Antonio Simal-Julián, Pablo Miranda-Lloret, Laila Pérez de San Román Mena, Pablo Sanromán-Álvarez, Alfonso García-Piñero, Rosa Sanchis-Martín, Carlos Botella-Asunción, **Amin Kassam**. *Impact of Multilayer Vascularized Reconstruction after Skull Base Endoscopic Endonasal Approaches*. *J Neurol Surg B*. February 2019. doi:10.1055/s-0039-1677705.
16. Srikant S. Chakravarthi, **Amin B. Kassam**, Melanie B. Fukui, Alejandro Monroy-Sosa, Nichelle Rothong, Joseph Cunningham, Jonathan E. Jennings, Neil Guenther, Jeremy Connelly, Tobias Kaemmerer, Kenneth C. Nash, Mark Lindsay, Janie Rissell, Juanita M. Celix, Richard A. Rovin. *Awake surgical management of third ventricular tumors: A preliminary safety, feasibility, and clinical applications study*. *Oper Neurosurg* (Hagerstown), 2019 Feb 12. doi: 10.1093/ons/opy405
17. Alejandro Monroy-Sosa, Jonathan Jennings, Srikant S. Chakravarthi, Melanie B. Fukui, Juanita M. Celix, Nathaniel Kojis, Mark Lindsay, Richard Rovin, **Amin B. Kassam**. *In reply: Microsurgical anatomy of the vertical rami of the superior longitudinal fasciculus: An intraparietal dissection study*. *Oper Neurosurg* (Hagerstown). 2019 Feb 1;16(2):75-77. doi.org/10.1093/ons/opy339
18. Alessandro Weiss, Paolo Perrini, Matteo De Notaris, Guadalupe Soria, Alarcon Carlos, Maura Castagna, Lodovico Lutzemberger, Orazio Santo Santonocito, Giuseppe Catapano, **Amin Kassam**, Alberto Prats-Galino, A. *Endoscopic Endonasal Transclival Approach to the Ventral Brainstem: Anatomic Study of the Safe Entry Zones Combining Fiber Dissection Technique with 7 Tesla Magnetic Resonance Guided Neuronavigation*. *Oper Neurosurg* (Hagerstown). 2019;16(2):239-249. doi:10.1093/ons/opy080.
19. Kessarín Panichpisal, Maharaj Singh, Adil Chohan, Paul Vilar, Reji Babygirija, Mary Hook, Sharon Matyas, Nathaniel Kojis, Rehan Sajjad, Thomas Wolfe, **Amin Kassam**, and Richard Adam Rovin. *Validation of Stroke Network of Wisconsin Scale at Aurora Health Care System*. *J Vasc Interv Neurol*. 2018;10(2):69-73. PMID: PMC6350874

20. Danielle Warner, Bryan Schwartz, Reji Babygirija, Richard Rovin, **Amin Kassam**, Lindsay Biddick, Rehan Sajjad, Adil Chohan, Kessar Panichpisal. *Thrombolysis After Protamine Reversal of Heparin for Acute Ischemic Stroke After Cardiac Catheterization: Case Report and Literature Review*. *Neurologist*. 2018;23(6):194-196. doi:10.1097/NRL.000000000000204.
21. Srikant Chakravarthi, Alejandro Monroy-Sosa, Melanie B. Fukui, Lior Gonen, Thomas Wolfe, Thomas Gardner, Jonathan Jennings, Juanita Celix, Richard A Rovin, **Amin B. Kassam**. (2018). *Robotically-operated video optical telescopic (ROVOT-m) resection of an arteriovenous malformation with port- assisted intraoperative surgical devascularization: 2-Dimensional Operative Video*. *Oper Neurosurgery (Hagerstown)*. 2018 Sep 1;15(3):350-351. doi: 10.1093/ons/opx267.
22. Singh M, Konduri SD, Bobustuc GC, **Kassam AB**, Rovin RA. Racial Disparity Among Women Diagnosed With Invasive Breast Cancer in a Large Integrated Health System. [J Patient Cent Res Rev](#). 2018 Jul 30;5(3):218-228. doi: 10.17294/2330-0698.1621. eCollection 2018 Summer.
23. George Bobustuc, **Amin B. Kassam**, Richard Rovin, Sheila Jeudy, Joshua Smith, Beth Isley, Maharaj Singh, Ameya Paranjpe, Kalkunte Srivenugopal, Santhi Konduri. (2018). *MGMT Inhibition in ER Positive Breast Cancer leads to CDC2, TOP2A, AURKB, CDC20, KIF20A, Cyclin A2, Cyclin B2, Cyclin D1, ERα and Survivin Inhibition and Enhances Response to Temozolomide*. *Oncotarget*. Jul 3;9(51):29727-29742. eCollection 2018 Jul 3. doi: 10.18632/oncotarget.25696.
24. Srikant Chakravarthi, Alejandro Monroy-Sosa, Lior Gonen, Melanie Fukui, Nathaniel Kojis, Mark Lindsay, Sammy Khalili, Juanita Celix, Richard Rovin, Martin Corsten, **Amin Kassam**. (2018). *Re-analyzing the “Far Medial” (Transcondylar – Transtubarcular) Approach Based on Three Anatomical Vectors: The Ventral Posterolateral Corridor*. *Journal of Neurosurgical Sciences*. Jun;62(3):347-355. doi: 10.23736/S0390-5616.18.04356-4.
25. Alejandro Monroy-Sosa, Jonathan E. Jennings, Srikant Chakravarthi, Melanie Fukui, Juanita Celix, Sarika Walia, Richard Rovin, **Amin Kassam**. (2017). *Microsurgical anatomy of the vertical rami of the superior longitudinal fasciculus: An intraparietal dissection study*. *Operative Neurosurgery*. 2018 Jun 5. doi: 10.1093/ons/opy077.
26. Akshay Sharma, Gabrielle E. Reith, Joseph E. Tanenbaum, James S. Williams, Nakao Ota, Srikant Chakravarthi, Sunil Manjila, **Amin Kassam**, Bulent Yapticilar (2017). *A morphometric survey of the parasellar region in more than 2700 skulls: emphasis on the middle clinoid process variants and implications in endoscopic and microsurgical approaches*. *Journal of Neurosurgery*, 2018 Jul;129(1):60-70. doi: 10.3171/2017.2.JNS162114. *cover article
27. Jonathan E. Jennings, **Amin B. Kassam**, Melanie Fukui, Srikant Chakravarthi, Alejandro Monroy-Sosa, Richard Rovin. *The Surgical White Matter Chassis: A Practical 3-D Atlas*

- for Planning Subcortical Surgical Trajectories*. Oper Neurosurgery (Hagerstown). 2018 May 1;14(5):469-482. doi: 10.1093/ons/oxp177.
28. **Amin B. Kassam**, Richard A. Rovin, Sarika Walia, Srikant Chakravarthi, Juanita Celix, Jonathan E. Jennings, Sammy Khalili, Lior Gonen, Alejandro Monroy-Sosa, Melanie Fukui. *The Operating Room of the Future vs. The Future of the Operating Room*. Otolaryngologic Clinics of North America. Amsterdam: Elsevier/Academic Press; 2017. Jun;50(3):655-671. doi: 10.1016/j.otc.2017.01.016.
 29. Lior Gonen, Srikant Chakravarthi, Alejandro Monroy-Sosa, Juanita Celix, Nathaniel Kojis, Maharaj Singh, Jonathan Jennings, Melanie B. Fukui, Richard Rovin, **Amin B. Kassam**. *Initial experience with a robotically-operated video optical telescopic microscope in cranial neurosurgery: feasibility, safety, and clinical applications*. Neurosurg Focus. May;42(5):E9. doi: 10.3171/2017.3.FOCUS1712
 30. Srikant S. Chakravarthi, Lior Gonen, A Monroy-Sosa, Sammy Khalili, **Amin B. Kassam**. (2017). *Endoscopic reconstructive methods of the anterior skull base*. Seminars in Plastic Surgery. Nov;31(4):203-213. doi: 10.1055/s-0037-1607274.
 31. Srikant Chakravarthi, Srivathsa Veeraraghavan, Melanie Fukui, Jonathan Jennings, Richard Rovin, **Amin B. Kassam**. (2017). *Diagnostic Dilemma: An Unusual Case of Primary Intracranial, Intraparenchymal Epithelioid Hemangioma*. J Neurol Stroke. 2018;8(5):263–265. DOI: 10.15406/jnsk.2018.08.00322
 32. Srikant S. Chakravarthi, Anthony Zbacnik, Jonathan Jennings, Melanie B. Fukui, Nathaniel Kojis, Richard A. Rovin, **Amin B. Kassam**. *White matter tract recovery following medial temporal lobectomy and selective amygdalohippocampectomy for tumor resection via a ROBOT-m port-guided technique: A case report and review of literature*. Interdisciplinary Neurosurgery. 2016;6:55-61. doi:10.1016/j.inat.2016.07.004.
 33. Zev A. Binder, Kelli M. Wilson, Vafi Salmasi, Brent A. Orr, Charles G. Eberhart, I-Mei Siu, Michael Lim, Jon D. Weingart, Alfredo Quinones-Hinojosa, Chetan Bettegowda, **Amin B. Kassam**, Alessandro Olivi, Henry Brem, Gregory J. Riggins, Gary L. Gallia. *Establishment and Biological Characterization of a Panel of Glioblastoma Multiforme (GBM) and GBM Variant Oncosphere Cell Lines*. PLoS ONE. 2016;11(3): e0150271. doi: 10.1371/journal.pone.0150271.
 34. Mohamed A. Labib, Mitesh Shah, **Amin B. Kassam**, Ronald Young, Lloyd Zucker, Anthony Maioriello, Gavin Britz, Charles Agbi, JD Day, Gary Gallia, Robert Kerr, Gustavo Pradilla, Richard Rovin, Charles Kulwin, Julian Bailes. *The Safety and Feasibility of Image-Guided BrainPath-Mediated Transsulcal Hematoma Evacuation: A Multicenter Study*. Neurosurgery. 2017;80(4):515-524. doi:10.1227/NEU.0000000000001316. *cover article
 35. Javed Khader Eliyas, Ryan Glynn, Charles G. Kulwin, Richard Rovin, Ronald Young, Juan Alzate, Gustavo Pradilla, Mitesh V. Shah, **Amin Kassam**, Ivan Ciric, Julian Bailes. *Minimally-invasive trans-sulcal resection of Intra-ventricular and Peri-ventricular*

- lesions through a tubular retractor system: Multi-centric experience and results.* World Neurosurgery 01/2016; DOI: 10.1016/j.wneu.2015.12.100
36. Daniel M. Prevedello, Leo F.S. Ditzel Filho, Juan C. Fernandez-Miranda, Domenico Solari, Marcelo Prudente do Espírito Santo, Allison M. Wehr, Ricardo L. Carrau, **Amin B. Kassam.** *Magnetic Resonance imaging fluid-attenuated inversion recovery sequence signal reduction after endoscopic endonasal transcribiform total resection of olfactory groove meningiomas* Surg Neurol Int. 2015 Oct 7; 6:158. doi: 10.4103/2152-7806.166846. eCollection 2015.
37. Dae-Hee Lee, Ying Zhang, **Amin B Kassam**, Myung-Jin Park, Paul Gardner, Daniel Prevedello, Stephanie Henry, Craig Horbinski, Jan H Beumer, Hussein Tawbi, Brian J Williams, Mark E Shaffrey, Merrill J Egorin, Roger Abounader, Deric M Park: *Combined PDGFR and HDAC inhibition overcomes PTEN disruption in Chordoma.* PLoS ONE 08/2015; 10(8). DOI: 10.1371/journal.pone.0134426
38. Daniel M. Prevedello, Domenico Solari, Ricardo L. Carrau, Paul Gardner, **Amin B. Kassam:** *Endoscopic Endonasal Approach for Craniopharyngiomas.* Volume 26, Issue 3, July 2015, Pages 363–375, doi:10.1016/j.nec.2015.03.013
39. Daniela Iancu, Cheemum Lum, Muhammad E Ahmed, Rafael Glikstein, Marlise P Dos Santos, Howard Lesiuk, Mohamed Labib, and **Amin B Kassam:** *Flow diversion in the treatment of carotid injury and carotid-cavernous fistula after transsphenoidal surgery.* Interventional Neuroradiology 05/2015; 21(3). DOI:10.1177/1591019915582367
40. **Amin B. Kassam**, Mohamed A. Labib, Mohammed Bafaquh, Diana Ghinda, Joseph Mark, David Houlden, Melanie B. Fukui, Thanh Nguyen, Martin Corsten, Cameron Piron, Richard Rovin: *Part I: The challenge of functional preservation: an integrated systems approach using diffusion-weighted, image-guided, exoscopic-assisted, transulcal radial corridors.* Innovative Neurosurgery. 01/2015; DOI:10.1515/ins-2014-0011
41. **Amin B. Kassam**, Mohamed A. Labib, Mohammed Bafaquh, Diana Ghinda, Melanie B. Fukui, Thanh Nguyen, and Martin Corsten: *Part II: an evaluation of an integrated systems approach using diffusion-weighted, image-guided, exoscopic-assisted, transulcal radial corridors.* Innovative Neurosurgery. 01/2015; DOI:10.1515/ins-2014-0012
42. Danielle de Lara, Leo F S Ditzel Filho, Daniel M Prevedello, Ricardo L Carrau, Pornthep Kasemsiri, Bradley A Otto, **Amin B Kassam:** *Endonasal Endoscopic Approaches to the Paramedian Skull Base.* World Neurosurgery 12/2014; 82(6S). DOI:10.1016/j.wneu.2014.07.036
43. Pornthep Kasemsiri, Ricardo L Carrau, Leo F S Ditzel Filho, Daniel M Prevedello, Bradley A Otto, Matthew Old, Danielle de Lara, **Amin B Kassam:** *Advantages and Limitations of Endoscopic Endonasal Approaches to the Skull Base.* World Neurosurgery 12/2014; 82(6S). DOI:10.1016/j.wneu.2014.07.022
44. Alexander Gont, Jennifer E L Hanson, Sylvie J Lavictoire, Manijeh Daneshmand, Garth Nicholas, John Woulfe, **Amin Kassam**, Vasco F Da Silva, Ian A.J. Lorimer: *Inhibition of*

- glioblastoma malignancy by Lgl1*. *Oncotarget* 10/2014; 5(22). DOI:10.18632/oncotarget.2580
45. Benjamin Ritsma, **Amin Kassam**, Dariush Dowlatshahi, Thanh Nguyen, Grant Stotts: *Minimally Invasive Subcortical Parafascicular Transsulcal Access for Clot Evacuation (Mi SPACE) for Intracerebral Hemorrhage*. 08/2014; 2014. DOI:10.1155/2014/102307
 46. D Bresson, N McLaughlin, L F S Ditzel Filho, C F Griffiths, R L Carrau, D F Kelly, and **A.B. Kassam**: *Endoscopic endonasal approach for the treatment of schwannomas of the pterygopalatine fossa: Case report and review of the literature*. *Neurochirurgie* 06/2014; 60(4). DOI:10.1016/j.neuchi.2014.03.009
 47. Juan Antonio Simal-Julián, Pablo Miranda-Lloret, Carlos Botella-Asunción, and **Amin Kassam**: *Erratum to: Full endoscopic endonasal expanded approach to the petroclival region: optimizing the carotid-clival window*. *Acta Neurochirurgica* 06/2014; 156(10). DOI:10.1007/s00701-014-2154-1
 48. Sung-Joo Yuh, John Woulfe, Martin J Corsten, Ricardo L Carrau, Daniel M Prevedello, **Amin B Kassam**: *Diagnostic Imaging Dilemma of a Clival Lesion and Its Clinical Management Implications*. *Journal of Neurological Surgery, Part B: Skull Base* 06/2014; 75(3). DOI:10.1055/s-0033-1363171
 49. Mohamed A Labib, Daniel M Prevedello, Ricardo Carrau, Edward E Kerr, Cristian Naudy, Hussam Abou-Al Shaar, Martin Corsten, **Amin Kassam**: *A Road Map to the Internal Carotid Artery in Expanded Endoscopic Endonasal Approaches to the Ventral Cranial Base*. *Neurosurgery* 04/2014; 10. DOI:10.1227/NEU.0000000000000362
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 65. Carrau RL, Snyderman CH, Vescan AD, **Kassam AB**. Surgery of the anterior cranial base. pp. 979-996. In Myers EN (ed): *Operative Otolaryngology-Head and Neck Surgery, 2nd Edition*. Elsevier, Philadelphia, 2008
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 67. Snyderman CH, **Kassam A**. Transcervical approaches to the cervical spine. pp. 709-718. In Myers EN (ed): *Operative Otolaryngology-Head and Neck Surgery, 2nd Edition*. Elsevier, Philadelphia, 2008.
 68. Carrau RL, Snyderman CH, **Kassam AB**. Complications of endoscopic sinus surgery: CSF leak. pp. 131-137. In Myers EN (ed): *Operative Otolaryngology-Head and Neck Surgery, 2nd Edition*. Elsevier, Philadelphia, 2008.
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 70. Carrau RL, Snyderman CH, **Kassam AB**. Juvenile angiofibroma. pp. 39-50. In Myers EN (ed): *Operative Otolaryngology-Head and Neck Surgery, 2nd Edition*. Elsevier, Philadelphia, 2008.
 71. Prevedello DM, **Kassam AB**, Gardner P*, Mintz A, Snyderman CH, Carrau RL. Endoscopic endonasal approach for craniopharyngiomas: nuances and limitations of treatment, classification and indications of pituitary transposition. In Nader R and Sabbagh AJ (eds): *Cases in Neurosurgery*. Thieme, New York, August 2007.
 72. Carrau RL, Snyderman CH, **Kassam A**. Complications of endoscopic endonasal skull base surgery. In Anand VK and Schwartz TH (eds): *Practical Endoscopic Skull Base Surgery*. Plural Publishing, San Diego, 2007.
 73. Gardner PA*, Snyderman CH, Carrau RL, Mintz A, **Kassam A**. The endoscopic endonasal transpterygoid approach. In Anand VK and Schwartz TH (eds): *Practical Endoscopic Skull Base Surgery*. Plural Publishing, San Diego, 2007.
 74. **Kassam AB**, Mintz AH, Thomas A, Snyderman CH, *Gardner P, Carrau RL. Preauricular transzygomatic subtemporal and infratemporal approaches to the skull base. pp. 261-269. In Badie B (ed): *Neurosurgical Operative Atlas, 2nd Edition*. Thieme, New York, 2007.
 75. **Kassam AB**, Mintz AH, Snyderman CH, Gardner PA*, Carrau RL, Maroon JC. Expanded endonasal approach to the sella and anterior skull base. pp. 21-30. In Badie B (ed): *Neurosurgical Operative Atlas, 2nd Edition*. Thieme, New York, 2007.

76. **Kassam AB**, Peters D, Horowitz M. Molecular pathogenesis of cerebral aneurysms: current concepts and future directions. pp. 26-41. In Pinsky MR (ed): *Update in Intensive Care and Emergency Medicine*. Springer
 77. Duvvuri U*, Carrau RL, **Kassam AB**. Vascular tumors of the head and neck. pp. 1811-1825. In Bailey BJ, Johnson JT (eds): *Head & Neck Surgery-Otolaryngology, 4th Edition*. Lippincott Williams & Wilkins, Philadelphia, 2006.
 78. Zimmer LA*, Carrau RL, Snyderman CH, **Kassam AB**. Endoscopic management of neoplasms of the nose and paranasal sinuses. pp. 447-457. In Bailey BJ, Johnson JT (eds): *Head & Neck Surgery-Otolaryngology, 4th Edition*. Lippincott Williams & Wilkins, Philadelphia, 2006.
 79. **Kassam AB**, Horowitz M. Posterior fossa surgery for cranial nerve disorders. Pp. 232-236. In Follet KA (ed): *Neurosurgical Pain Management*. Saunders, Philadelphia, 2004.
 80. Carrau R, Snyderman C, **Kassam A**. Reconstruction after anterior craniofacial resection plastic and reconstructive surgery. *Facial Plastic And Reconstructive Surgery*. 1st ed. Baker S, Sykes J, Frodel J, Larrabee W, Wang T, Tardy E, editors. 2003
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Selected Peer Reviewed Published Abstracts

Available upon request.

Other Publications

Available upon request.

Editorials

Cited

1. Endonasal resection of craniopharyngiomas. Division of Neurosurgery. The University of Toronto and the Hospital for Sick Children, Toronto, Ontario, Canada. *J Neurosurg* 109:1–5, 2008
 2. Endoscopic endonasal surgery. Swedish Neuroscience Institute, Swedish Medical Center, Seattle, Washington. *J Neurosurg* 114:1541–1543, 2011
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Response

- a. Monroy-Sosa A, Jennings J, Chakravarthi SS, Fukui MB, Celix JM, Kojis N, Lindsay M, Rovin R, **Kassam AB**. In Reply: Microsurgical Anatomy of the

Vertical Rami of the Superior Longitudinal Fasciculus: An Intraparietal Sulcus Dissection Study. *Oper Neurosurg (Hagerstown)*. 2019;16(2):75-77. doi:10.1093/ons/opy339.

- b. Chakravarthi S, Rovin R, **Kassam A.** (2018). Letter: Microsurgical Clipping of an Anterior Communicating Artery Aneurysm Using a Novel Robotic Visualization Tool in Lieu of the Binocular Operating Microscope: Operative Video. *Oper Neurosurgery (Hagerstown)*. Sep 1;15(3):E28. doi: 10.1093/ons/opy076.
- c. **Amin Kassam**, Mohamed A Labib, Daniel M Prevedello, Ricardo Carrau: *In Reply: An Endoscopic Roadmap of the Internal Carotid Artery*. *Neurosurgery* 06/2015; 77(1). DOI:10.1227/NEU.0000000000000770
- d. Daniel M. Prevedello, Ricardo L. Carrau, **Amin B. Kassam**: *Endoscopic endonasal surgery Response*. *Journal of Neurosurgery* 06/2011; 114(6).
- e. Emiro Caicedo-Granados, Ricardo Carrau, **Amin Kassam**, Carl H Snyderman, Daniel Prevedello, Juan Fernandez-Miranda, Paul Gardner: *In Response to Pedicled Nasoseptal Flap Is Not the Standard of Care for Skull Base Defects*. *The Laryngoscope* 04/2011; 121(4). DOI:10.1002/lary.21552
- f. Prevedello, Daniel M.D., Carrau, Ricardo L. M.D., **Kassam, Amin B. M.D.** Endoscopic endonasal surgery. Department of Neurological Surgery, The Ohio State University, Columbus, Ohio; Neuroscience Institute, John Wayne Cancer Institute at Saint John's Health System, Santa Monica, California; and University of Ottawa, Ontario, Canada. This paper: published online December 17, 2010; DOI: 10.3171/2010.6.JNS10691.
- g. **Kassam, Amin B. M.D.**, Prevedello, Daniel M. M.D., Gardner, Paul A M.D. Endonasal resection of craniopharyngiomas. Division of Neurosurgery. The University of Toronto and the Hospital for Sick Children, Toronto, Ontario, Canada. *J Neurosurg* 109:1–5, 2008.
- h. Welch, William C., **Kassam, Amin**. Preoperative Evaluation of Neurovascular Compression in Patients with Trigeminal Neuralgia by Use of Three-dimensional Reconstruction from Two Types of High-Resolution Magnetic Resonance Imaging. *Neurosurgery* 40:958–964, 1997.

Conference Proceedings

Available upon request.

Professional Activities

Teaching

Invited Keynote/Plenary Addresses (selected)

1. “360 Orbit: Algorithmic Orbital Access.” Endoscopic Transorbital Society Annual International Meeting, Hong Kong, China. November 14-16 2025.
2. “Future Perspective of Endoscopic Surgery.” The 30th Annual Meeting of the Japanese Congress for Brain Tumor Surgery. Tokyo, Japan. September 12-13 2025.
3. “Advances in Skull-Base Surgery Applied to Intra-Axial Suborbital Tumors.” 12th Annual SSG Meeting, Boulder, Colorado. July 18-19 2025.
4. “360 Orbit: A Contemporary Anatomical Surgical Management Algorithm.” McMaster Transorbital & Multiportal Course, Burlington, Ontario. June 20-22 2025.
5. “Surgical Approaches to Craniopharyngiomas.” North American Skull Base Society (NASBS) 34th Annual Meeting, New Orleans, Louisiana. February 13-15 2025.
6. “360 Surgery of the Orbit Contemporary Circumferential Access Through a Multi Corridor Algorithm Approach.” 35th Annual Meeting of All India Rhinology Society, Mumbai Powai Lake, India. November 22-24, 2024.
7. “Lessons Learned Over a Quarter Century & 2,500 Subcortical Surgical Procedures – How to Get from Here to There – Technical and Anatomic Nuances.” Subcortical Surgery Group (SSG) 11th Annual Meeting. Boulder, Colorado. August 1-3, 2024.
8. Updates in Endovascular Procedures for Vascular and Oncologic Lesions, Society for Brain Mapping and Therapeutics. Los Angeles, California. March 16, 2024.
9. “White Matter Driven Parafascicular Approaches to Cavernomas of the CNS Axis” Society for Brain Mapping and Therapeutics. Los Angeles, California. March 15, 2024.
10. Pituitary Transposition Approach to Meckel’s Cave & Cavernous Sinus and Transclival Approach; Upper and Middle/Petrous Apex, Korean Society of Endoscopic Neurosurgery (KOSEN). Taiwan. January 18, 2024.
11. Endoscopic Skull Base Surgery: Past, Present, and Future, Korean Society of Endoscopic Neurosurgery (KOSEN). Taiwan, January 18, 2024.
12. “Plenary Speech-Lifetime Achievements” Neurosurgery International Masterclass. Dubai Marina, Dubai. November 25, 2023.
13. Expanded Endoscopic Skull Base Surgery: Complications Avoidance, Neurosurgery International Master Class. Dubai Marina, Dubai. November 24, 2023.
14. “My Personal Journey and Evolution over a Quarter Century: Owed to My Patients and My Mentors” 10th World Congress of Neuroendoscopy, Marina Bay Sands, Singapore. November 21, 2023.
15. Endonasal Perspective on Midline Skull Base Lesions, 10th IFNE World of Congress of Neuroendoscopy. Singapore. November 18, 2023.
16. Schola Anatomica Salernitana 2.0 – Transorbital Translational Masterclass: A Neurosurgical Perspective. Salerno, Italy. September 14, 2023.

17. The True Pioneers – Our Patients. 19th Annual SBMT World Congress. Los Angeles, California. March 13, 2022.
18. An Algorithmic Fascicular Driven Corridor Approach to Cavernous of the Brainstem and Spinal Cord. 19th Annual World Congress. Los Angeles, California. March 10, 2022.
19. Evolution of Specific Current Endoscopic Endonasal Techniques Over Two Decades and Two Thousand Cases: What Our Patients Have Taught Us, 19th Annual World Congress. Los Angeles, California. March 10, 2022.
20. My Algorithm for Endoscopic Skull Base Reconstruction: An Evolution Over Two Decades and Two Thousand Cases. Rhino, Egypt. March 5, 2022.
21. When and How I use Local, Regional and Distant Free Flaps, Rhino Egypt March 5, 2022.
22. The Brain Connectivity: The Invisible Anatomy. National Congress of Neurosurgery, Mexico City. October 2, 2021.
23. My Personal Optical Journey Over Two Decades: Microscopy, Endoscopy, and Robotic Exoscopy. 2021 International Federation of Neuroendoscopy-JSNE-GLEN-NESI-CSNE Naples, Virtual Workshop. April 9, 2021.
24. My Personal Optical Journey Over Two Decades: Microscopy, Endoscopy, and Robotic Exoscopy. 2021 International Federation of Neuroendoscopy-JSNE-GLEN-NESI-CSNE Naples, Virtual Workshop. April 9, 2021.
25. My Personal Journey With My Patients Over Two Decades And 2,000 Skull Base Cases: Key Complications That Have Led To The Evolution Of Specific Current Endoscopic Endonasal Techniques. 3RD International Conference on Complications in Neurosurgery. India. March 6, 2021.
26. My Algorithm for Skull Base Reconstruction: An Evolution Over Two Decades and Two Thousand Cases. When and How I use Local, Regional and Distant Free Flaps. Rhino Egypt. Cairo, Egypt. March 5, 2021.
27. Preservation of Neuroendocrine Function in Parasellar, World Federation of Neurological Surgery– Neuroendocrine Symposium 2021. January 30-31, 2021.
28. Invisible Anatomy. Subcortical Surgery Group. Boulder Colorado. July 23-24, 2019.
29. Disruption in Neurosurgery. The 34th Annual Congress of Neurological Surgeons of Thailand 2019. Bangkok, Thailand. February 18, 2019.
30. Invisible Anatomy. Vietnam Neurosurgical Technology Overview. Ho Chi Minh City, Vietnam. February 15, 2019.
31. Minimally Invasive Subcortical Surgery: Principles and Practice. Vietnam Neurosurgical Technology Overview. Ho Chi Minh City, Vietnam. February 14, 2019.
32. Invisible anatomy: The Next Frontier. 8th World Congress of Endoscopic Surgery of the Paranasal Sinuses, Skull Base, Brain, and Spine. Barcelona, Spain. July 5, 2018.
33. Invisible anatomy: The Next Frontier. Argentina Neurosurgery Society Annual Congress. Buenos Aires, Argentina. November 27, 2018.

34. Innovative solutions looking toward the future. 20 years of Endoscopic Endonasal Surgery - history, ideas and friends on the gulf of Naples. May 5, 2017.
35. Technological Innovations in Skull Base Surgery. 9th International Milano Masterclass. March 24, 2017.
36. Perpetual Innovation and integrated service line delivery model. 2016 Neuroscience Symposium. Boca Raton. May 14, 2016.
37. Innovation and the Emerging World. Aga Khan University. Karachi, Pakistan. April 10-12, 2016.
38. White Matter Mapping Based Endoscopy: the 13 Cranial Nerve – Could it be? Endovienna 5th World Congress of Endoscopic Skull Base Surgery. Vienna, Austria. March 29, 2012.
39. Lessons Learned from the first decade of endoscopic skull base surgery and 1000 patients: 360°corridor surgery. Neurosurgery Past, Present and the Future. McMaster University Research Day, Oct 2011. (Adjudicator).
40. Lessons Learned from the first decade of endoscopic skull base surgery and 1000 patients: 360°corridor surgery. Neurosurgery Past, Present and the Future. Minimally Invasive Neurological Society Conference, Mackinaw Island, Michigan, 19-Jul-11.
41. Expanded Endoscopic Approaches to the Paramedian Skull Base and Management of the Carotid Artery at the Skull Base, Mastery of Advanced Head and Neck Reconstruction, Houston Texas, Feb 23, 2011.
42. Lessons Learned from the first decade of endoscopic skull base surgery and 1000 patients: 360°corridor surgery. Asian Pacific Congress of Neurological Surgery, Kula Lampoor, Nov 22, 2010.
43. Lessons Learned from the first decade of endoscopic skull base surgery and 1000 patients: 360°corridor surgery. Bronson Neurosciences Symposium, Kalamazoo Michigan. June 24, 2010.
44. Lessons Learned from the first decade of endoscopic skull base surgery and 1000 patients: 360°corridor surgery. 9th Congress of the Spanish Society Skull Base. June 10, 2010.
45. The lessons I learned from Minimally Invasive Brain and Skull Base Surgery after the first decade and 1000 cases. V Rhinology Congress. Sao Paulo, Brazil, May 13, 2010.
46. Minimally Invasive Skull Base Surgery: Lessons Learned from the 1,000 patients and first decade of endoscopic skull base surgery. 30th Annual Meeting of Japanese Congress of Neurological Surgeons, Yokohama, Japan, May 7-10, 2010.
47. Multiple corridors to the skull base: a combination of microscopy and endoscopy. 15th Annual Meeting of the Japanese Society for Neuroendoscopy, Tokyo, Japan, November 21, 2008.
48. The first decade of endoscopic skull base surgery. Personal experience in 1,000 patients: outcomes, complications and results. XXVII Congress of the Brazilian Neurosurgery Society, Iguassu Falls, Brazil, September 16, 2008.

49. Endoscopic skull base surgery: from the crista galli to the odontoid. Experience over a decade and 1,000 cases – lessons learned. 20th Memorial Meeting of the Japanese Society for Skull Base Surgery, Tokyo, Japan, July 7, 2008.
 50. The evolution of endoscopic skull base surgery. 20th Memorial Meeting of the Japanese Society for Skull Base Surgery, Tokyo, Japan, July 6, 2008.
 51. A decade of personal experience of endoscopic skull base surgery, with special emphasis on meningioma surgery. Reunion Annuelle, Société de Neurochirurgie de Langue Française, Paris, France, November 26, 2007.
 52. Endoscopic skull base surgery. The first decade: my personal experience in 700 patients – outcomes and complications. 8th Congress of the European Skull Base Society, Prague, Czech Republic, May 5, 2007.
 53. Modular approach along the coronal plane from the foramen ovale to the foramen ovale. 4th Biennial Milano Masterclass, Milan, Italy, March 25, 2007.
 54. Transcendent leadership: advocacy through innovation and critical review of treatment options: endoscopic cranial surgery for tumor: ready for prime time? 56th Annual Meeting, Congress of Neurological Surgeons, Chicago, Illinois, October 10, 2006.
 55. Principles and current limitations of endo-neurosurgery. Interurban Neurosurgical Society Annual Meeting, Chicago, Illinois, March 3, 2006.
 56. Minimally invasive neurosurgery. Montreal, Quebec, Canada, June 12, 2006.
 57. Principles of endoNeurosurgery. 1st World Congress for Endoscopic Surgery of the Brain, Skull Base and Spine. Pittsburgh, PA, September 30, 2005.
 58. Principles of endoNeurosurgery. President's Invited Lecture, International Society of Pediatric Neurosurgery, Vancouver, BC, Canada, September 15, 2005.
 59. Expanded endonasal approach: an evolving paradigm to the anterior and central skull base. 7th Congress of the European Skull Base Society, Fulda, Germany, May 19, 2005.
 60. Update on stroke management: evidenced based management of carotid stenosis. The Harkim Keynote Address, Neurosciences Conference, Washington, Pennsylvania, May 5, 2000.
 61. New concepts in vascular compression of the cranial nerves and brain stem; mainstreaming neurosurgery. Southern Medical Association Annual Meeting, New Orleans, Louisiana, November 20, 1998.
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Selected Peer-Reviewed Platform Lectures

Available upon request.

Invited Lectures: International

Available upon request.

Invited Lectures: National

Available upon request.

Invited Lectures: Local

Available upon request.

Panel Moderator

Available upon request.

Panel Lectures

Available upon request.

Eponymous Lectures

1. Rhinocon Lecturer: Smt. Udhi Devi Sood & Dr. V.P Sood Oration- 35th Annual Meeting of All India Rhinology Society, Mumbai Powai Lake, India. November 22-24, 2024.
2. Cambridge Anatomic Orator/Lecturer: Lectures in Neurosurgical Anatomy- Emmanuel College, Cambridge, U.K., June 17, 2011.
3. Ginde Oration: Lessons Learned from the first decade of endoscopic skull base surgery and 1000 patients: 360° corridor surgery. Bombay Hospital April 9-10, 2010.
4. Penfield Lecture: Principles of endoscopic neurosurgery: outcomes and complications over a decade and 700 patients. Annual Congress of the Canadian Neurological Sciences Federation, Edmonton, Ontario, Canada, June 21, 2007.
5. Sally Letson Lecture: Suprasellar space invaders. Sally Letson Symposium, Department of Ophthalmology, University of Ottawa, Ottawa, ON, Canada, September 14, 2006.
6. Michael T. Richard Lecturer: An obituary to craniotomies, University of Ottawa. November, 2004.
7. Inaugural William Hitselberger Lecture. Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New York, NY, September 2004.

Visiting Professorships

1. “My Personal Journey With My Patients Over Two Decades And 2,000 Skull Base Cases: Key Complications That Have Led To The Evolution Of Specific Current Endoscopic Endonasal Techniques.” Loma Linda University, Loma Linda, CA. August 18, 2021.
2. “The Thirteenth Cranial Nerve; could it be?” University of Louisville, Louisville, KY. February 9, 2017.
3. "Anatomy and Physics the two Truths.” NorthShore University Health System, Evanston IL Hospital. May 27, 2016.
4. Kassam, A. Visiting Professorship, Henry Ford Health System, Detroit Michigan. "Anatomy and Physics the two Truths.” April 27, 2016.
5. Anatomy as a Substrate for Innovation: 360-degree approaches to the extra and intraxial space. The Johns Hopkins University, Baltimore, Maryland. April 4, 2013
6. The first decade of endoscopic skull base surgery. Lessons learned in 1,000 patients: outcomes, complications and results. Department of Neurological Surgery, Toranomon Hospital, Tokyo, Japan, July 9, 2008.
7. The first decade of endoscopic skull base surgery. Lessons learned in 1,000 patients: outcomes, complications and results. Departments of Otolaryngology and Neurological Surgery, Juntendo University, Tokyo, Japan, July 8, 2008.
8. The first decade of endoscopic skull base surgery. Lessons learned in 1,000 patients: outcomes, complications and results. Division of Neurosurgery, Dalhousie University, Halifax, Nova Scotia, Canada, June 25, 2008.
9. The first decade of endoscopic skull base surgery: personal experience in 800 patients. Outcomes, complications and results. Division of Neurosurgery, University of California-Los Angeles, Los Angeles, California, January 16, 2008.
10. Principles of endoNeurosurgery. Department of Neurological Surgery, Massachusetts General Hospital/Harvard, Boston, Massachusetts, April 12, 2007.
11. Principles of endoNeurosurgery. Department of Neurological Surgery, University of Florida-Gainesville, Gainesville, Florida, March 30, 2007.
12. Principles of endoNeurosurgery. Department of Neurological Surgery, Stanford University, Stanford, California, December 15, 2006.
13. The expanded endonasal approach: principles of endoNeurosurgery. University of Texas, San Antonio, Texas, May 12, 2006.
14. Principles of endoNeurosurgery. University of Illinois, Chicago, Illinois, March 4, 2006.
15. Principles of endoNeurosurgery. University of Toronto, Toronto, Ontario, Canada, February 24, 2006.

16. Principles of endoNeurosurgery. New York University, New York, New York, January 26, 2006.
 17. Evolution in Neurosurgery. Cedars Sinai Medical Center, Los Angeles, California, September 8-9, 2005.
 18. Evolution of endoNeurosurgery. Memorial Sloan-Kettering Cancer Center, New York, New York, May 16, 2005.
 19. Evolution of endoNeurosurgery. University of Virginia, Charlottesville, Virginia, April 21-23, 2005.
 20. An obituary to craniotomies? Loyola University, Chicago, Illinois, March 23, 2005.
 21. Evolution of endoNeurosurgery. Sacramento University, Sacramento, California, February 11-12 2005.
 22. Evolution of endoneurosurgery. Trillium Health Center, Mississauga, Ontario, Canada, December 4, 2004.
 23. The expanded endonasal approach: from the crista gali to the dens via a fully endoscopic transnasal approach. Cedars Sinai Medical Center, Los Angeles, California, October 15, 2004.
 24. The expanded endonasal approach from the crista gali to the dens. Providence St. Johns Health System, Southfield, Michigan, June 2004.
 25. The expanded endonasal approach to the ventral skull base. University of Washington, Seattle, Washington, June 2004.
 26. Innovations in cranial neurosurgery. University of Rochester, Rochester, New York, April 16, 2004.
 27. Management of cranial base trauma and tumors. TriService General Hospital, Taichung, Taiwan, November 21, 2003.
 28. Evolution of skull base surgery. TriService General Hospital, Tai Pai, Taiwan, November 20, 2003.
 29. Microvascular decompression for cranial neuropathy: when and when not to do it. Wayne State University, Detroit, Michigan, November 21, 2001.
 30. Advances in cranial base surgery. Department of Neurosurgery, Montefiore Medical Center, Bronx, New York, January 25, 1999.
 31. Genetics of cerebral aneurysms. Department of Neuroscience, Ottawa General Hospital, Ottawa, Ontario, Canada, June 26, 1998.
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Cadaveric, “Hands-On” and Live Surgery/Instructional Courses Taught

1. Cadaveric Lab Workshop. 2nd Annual International Meeting of Endoscopic Transorbital Society. 6th International Workshop Endoscopic Transorbital Skull Base Surgery. Hong Kong, China. **Guest Faculty: Dr. Amin Kassam.** November 14-16, 2025. (Cadaver Lab)

2. Cadaver Dissection Demonstration. 35th Annual Meeting of All India Rhinology Society, Mumbai Powai Lake, India. Faculty: **Dr. Amin Kassam**. November 22-24, 2024. (Live Surgery)
3. Cadaveric Lab Workshop. 15th Scientifica Conference. Goa, India. Faculty: **Dr. Amin Kassam**. November 18-20, 2024. (Cadaver Lab)
4. Live Dissection Demonstration: Endoscopic Endonasal Approach to the Sella Turcica & Tranposition of Pituitary. 9th World Congress for Endoscopic Surgery of the Paranasal Sinuses, Skull Base, Brain and Spine. Kuala Lumpur, Malaysia. **Dr. Amin Kassam**. April 25th, 2024. (Live Surgery)
5. 21st Annual World Congress of the Society for Brain Mapping & Therapeutics (SBMT). Cerebrovascular and Skull Base Bioskills Lab. Los Angeles, California. Faculty: **Dr. Amin Kassam**. March 14-17, 2024 (Cadaveric Dissection)
6. Korean Society of Endoscopic Neurosurgery (KOSEN). Annual Cadaver Workshop. Guest Faculty: **Dr. Amin Kassam**. January 18-20, 2024 (Cadaveric Dissection)
7. Neurosurgery International Master Class. Cadaveric Lab Workshop: Endoscopic Skull Base – Transclival Approach & Pterygoid/Trans Cavernous Endoscopic Approach. **Dr. Amin Kassam**. November 24-26, 2023. (Cadaveric Dissection)
8. Endoscopic Approaches to the Skull Base. 10th IFNE World Congress of Neuroendoscopy. Marina Bay Sands, Singapore. Faculty: **Dr. Amin Kassam**. November 19-22, 2023. (Hands-On Training)
9. EXO/Endoscopic Live Transorbital Dissection on a Pre-Dissected Specimen. Transorbital Translational Masterclass: A Neurosurgical Perspective. Fondazione Ebris Salerno, Italy. Faculty: **Dr. Amin Kassam**. September 14-15, 2023. (Cadaveric Dissection)
10. Endoscopic Skull Base Surgery. McMaster University; Minimal Invasive Skull Base Surgery Course. Dr. Kesh Reddy, Dr. Almunder Algird, Dr. Doron Sommer, Dr. Justin Khetani, Dr. Smriti Nayan, Dr. Sarfaraz Banglawala, Dr. Amadeo Rodriguez; Guest Faculty: **Dr. Amin Kassam**. April 14-16, 2023. (Cadaveric Dissection)
11. State-of-the-Art Endoscopic Skull Base Surgery: A Hands-on Course. Ohio State University, Columbus, OH. Carrau, Ricardo MD., Otto, Bradley MD., Prevedello, Daniel MD., **Kassam, Amin MD**. November 1-3, 2019. (Cadaveric Dissection)
12. Endoscopic Skull Base Surgery. McMaster University; Minimal Invasive Skull Base Surgery Course. Dr. Kesh Reddy, Dr. Almunder Algird, Dr. Doron Sommer, Dr. Justin Khetani, Dr. Smriti Nayan, Dr. Sarfaraz Banglawala, Dr. Amadeo Rodriguez; Guest Faculty: **Dr. Amin Kassam**. April 25-27, 2019. (Cadaveric Dissection)
13. Robotically-operated video optical telescopic microscope system (ROVOT-m) Intraaxial Surgery, Ho Chi Minh City-based Nhan Dan (People's) 115 Hospital. Dr. Chu Tan Si; Guest Faculty: **Dr. Amin Kassam**. February, 15, 2019 (Live Surgery, Proctorship)

14. Pacific Rim Master Class in Endoscopic Endonasal and Keyhole Surgery. Pacific Neurosciences Institute, Santa Monica. Dr. Dan Kelly, Dr. Ricardo Carrau, Dr. **Amin Kassam**. January, 24-26, 2019. (Cadaveric Dissection)
15. Endoscopic Endonasal Approaches, Dissection/2018 EndoBarcelona World Congress for Endoscopic Surgery of the Skull Base and Brain; Chicago, IL. **Amin Kassam**, Martin Corsten, Sammy Khalili. July 5-8, 2018. (Cadaveric Dissection)
16. Endoscopic Skull Base Surgery. McMaster University; Minimal Invasive Skull Base Surgery Course. Dr. Kesh Reddy, Dr. Almunder Algird, Dr. Doron Sommer, Dr. Justin Khetani, Dr. Smriti Nayan, Dr. Sarfaraz Banglawala, Dr. Amadeo Rodriguez; Guest Faculty: **Dr. Amin Kassam**. April 27-28, 2018. (Cadaveric Dissection)
17. State-of-the-Art Endoscopic Skull Base Surgery: A Hands-on Course. Ohio State University, Columbus, OH. Carrau, Ricardo MD., Otto, Bradley MD., Prevedello, Daniel MD., **Kassam, Amin MD**. October 20-22, 2017. (Cadaveric Dissection)
18. Endo Skull Base and White Matter Surgery Workshop, Bombay Hospital and Nair Hospital, Mumbai, India, **Kassam AB**, Nishit Shah, C. Chandrashekar Deopujargi. May 18-20, 2017. (Cadaveric Dissection and Live Surgery).
19. Endoscopic Skull Base Surgery. McMaster University; Minimal Invasive Skull Base Surgery Course. Dr. Kesh Reddy, Dr. Almunder Algird, Dr. Doron Sommer, Dr. Justin Khetani, Dr. Smriti Nayan, Dr. Sarfaraz Banglawala, Dr. Amadeo Rodriguez; Guest Faculty: **Dr. Amin Kassam**. April 22-23, 2017. (Cadaveric Dissection)
20. A Collaborative event featuring Cadaveric Demonstrations and hands-on experience with our robotically-operated video optical telescopic microscope system. Aurora Health Care, Milwaukee, WI. **Amin Kassam**, . August 2, 2016. (Cadaveric Dissection)
21. Endoscopic Endonasal Transclival Approach, Dissection/2016 EndoChicago World Congress for Endoscopic Surgery of the Skull Base and Brain; Chicago, IL. **Amin Kassam**, Martin Corsten, Sammy Khalili. May 15-18, 2016. (Cadaveric Dissection)
22. Endoscopic Skull Base Surgery. McMaster University; Minimal Invasive Skull Base Surgery Course. Dr. Kesh Reddy, Dr. Almunder Algird, Dr. Doron Sommer, Dr. Justin Khetani, Dr. Smriti Nayan, Dr. Sarfaraz Banglawala, Dr. Amadeo Rodriguez; Guest Faculty: **Dr. Amin Kassam**. April 15 & 16, 2016. (Cadaveric Dissection and Prosections)
23. Live Surgery: Robotic Surgery. Aga Khan University, Karachi, Pakistan. Enam, Ather, **Kassam, Amin**. April 10-12, 2016. (Live Surgery and Proctorship)
24. State-of-the-Art Endoscopic Skull Base Surgery: A Hands on Course. Ohio State University, Columbus, OH. Carrau, Ricardo MD., Otto, Bradley MD., Prevedello, Daniel MD., **Kassam, Amin MD**. October 8-10, 2015. (Cadaveric Dissection)
25. 6 Pillar Approach: Parafascicular Surgery of the White Matter; with emphasis on: Economic Resource Optimization through Surgical Biometrics, Milwaukee, Wisconsin.

- Kassam, Amin B.**, Pradilla, Gustavo, Rovin, Richard. September 18-19, 2015. (Hands-On training)
26. Pituitary and Anterior Skull Base Workshop. Kuala Lumpur, Malaysia. Prof. Vicknes Waran, Prof. Dr. Prepageran Narayanan, **Prof. Dr. Amin Kassam**. August 7-17, 2015 (Cadaveric Dissections)
 27. Subcortical Surgery Group, 2nd Annual Meeting, Park City, Utah. Bailes, Julian, Zucker, Lloyd, Gallia, Gary, **Kassam, Amin**, Pradilla, Gustavo, Young, Ronald, Labib, Mohamed, Zada, Gabriel, Youseff, A. Samy. July 31, 2015-August 1, 2015. (Hands-On Training)
 28. 10th Endoscopic Endonasal Skullbase Workshop. Bombay Hospital and Nair Hospital, Mumbai, India. **Kassam, Amin**, Corsten, Martin, Sethi, Dhanambir, Kirtane, M.V., Sharma, B. S., Banerji, Deepu (prof). June 5-6, 2015. (Cadaveric Dissection, Live Surgery)
 29. State-of-the-Art Endoscopic Skull Base Surgery: A Hands-on Course. Ohio State University, Columbus, OH. Carrau, Ricardo MD., Otto, Bradley MD., Prevedello, Daniel MD., **Kassam, Amin MD.**, May 14-16, 2015. (Cadaveric Dissections)
 30. 6 Pillar Approach: Parafascicular Surgery of the White Matter; with emphasis on: Economic Resource Optimization through Surgical Biometrics, Milwaukee, Wisconsin. **Kassam, Amin B.**, April 17-18, 2015. (Hands-On Training)
 31. 6 Pillar Approach: Parafascicular Surgery of the White Matter; with emphasis on: Economic Resource Optimization through Surgical Biometrics, Milwaukee, Wisconsin. **Kassam, Amin B.**, March 6-7, 2015. (Hands-On Training)
 32. 6 Pillar Approach: Parafascicular Surgery of the White Matter; with emphasis on: Economic Resource Optimization through Surgical Biometrics, Milwaukee, Wisconsin. **Kassam, Amin B.**, February 6-7, 2015. (Hands-On Training)
 33. 6 Pillar Approach: Parafascicular Surgery of the White Matter; with emphasis on: Economic Resource Optimization through Surgical Biometrics, Milwaukee, Wisconsin. **Kassam Amin B.**, December 5-6, 2014. (Hands-On Training)
 34. State-of-the-Art Endoscopic Skull Base Surgery A Hands-On Course. Ohio State University, Columbus, OH. **Kassam, Amin**, Ricardo Carrau, Bradely Otto, Daniel Prevedello, October 16-18, 2014. (Cadaveric Dissections)
 35. 6 Pillar Approach: Parafascicular Surgery of the White Matter; Access to Intraaxial Subcortical White Matter pathology with emphasis on Economic Resource Optimization through Surgical Biometrics, Milwaukee, WI. **Kassam, Amin B.**, September 12-13, 2014. (Hands-On Training)
 36. 6 Pillar Approach: Parafascicular Surgery of the White Matter. Aurora Research Institute, Milwaukee, WI. **Kassam, Amin**, Guenther, Neil, Wlodarski, John, Labib, Mohamed, Young, Ronald II. July 25-26, 2014 (Hands-On Training)

37. State-of-the-Art Endoscopic Skull Base Surgery A Hands-On Course. Ohio State University, Columbus, OH. **Kassam, Amin**, Ricardo Carrau, Bradely Otto, Daniel Prevedello, May 29-31, 2014. (Cadaveric Dissections)
38. 6 Pillar Approach: Parafascicular Surgery of the White Matter; with emphasis on: Economic Resource Optimization through Surgical Biometrics, Milwaukee, Wisconsin. **Kassam, Amin B.**, May 16-17, 2014. (Hands-On Training)
39. 6 Pillar Approach: Parafascicular Surgery of the White Matter with emphasis on Economic Resource Optimization through Surgical Biometrics, Milwaukee, WI. **Kassam, Amin B.**, February 28-March 1, 2014.
40. 6 Pillar Approach, Parafascicular Surgery of the White Matter: Access & Cannulation of Intraaxial Subcortical White Matter Pathology. Science Care, Phoenix, AZ. **Kassam, Amin**. December 6-7, 2013. (Hands-On Training)
41. State-of-the-Art Endoscopic Skull Base Surgery A Hands-On Course. Ohio State University, Columbus, OH. **Kassam Amin**, Ricardo Carrau, Bradely Otto, Daniel Prevedello, October 31-November 3, 2013. (Cadaveric Dissections)
42. 6 Pillar Approach: Parafascicular Surgery of the White Matter; Access to Intraaxial Subcortical White Matter pathology with emphasis on Economic Resource Optimization through Surgical Biometrics, University of Ottawa Canada. **Kassam Amin**, Corsten Martin, Agbi Charles, September 6-8, 2013. (Hands-On Training, Live Surgery)
43. Endoscopic Sinus and Skull Base Surgery Hands-On Course. Lithuanian, ENT and Neurosurgery Departments, Universtiy of Health Sciences, Kuanas, Lithuania. Aug23-25, 2013. (Cadaveric Dissections)
44. 6 Pillar Approach: Parafascicular Surgery of the White Matter; Access to Intraaxial Subcortical White Matter pathology with emphasis on Economic Resource Optimization through Surgical Biometrics, University of Ottawa Canada. **Kassam Amin**, Corsten Martin, Agbi Charles, July 19-21, 2013. (Hands-On Training, Live Surgery)
45. 15th Annual Advanced Endoscopic Skull Base Surgery Course, Trier, Germany. Bettag M, **Kassam AB**. June 12-14, 2013. (Cadaveric Dissections)
46. Dandy Society Residents Review Course, St. Louis University, St. Louis. Missouri, Abdulrauf S, **Kassam AB**, June 9-10, 2013. (Cadaveric Dissections and Prosections)
47. State-of-the-Art Endoscopic Skull Base Surgery A Hands-On Course. Columbus OH. **Kassam Amin**, Ricardo Carrau, Bradely Otto, Daniel Prevedello, May 23-26, 2013 repeated May 29-31, 2014. (Cadaveric Dissections)
48. 6 Pillar Approach: Parafascicular Surgery of the White Matter; Access to Intraaxial Subcortical White Matter pathology with emphasis on Economic Resource Optimization through Surgical Biometrics, University of Ottawa Canada. **Kassam Amin**, Corsten Martin, Agbi Charles, May 17-19, 2013. (Hands-On Training, Live Surgery)
49. Endoscopic Skull Base Surgery Workshop, Jaipur, India. Kassam Amin MD., April 25-29, 2013. (Cadeveric Dissection),

50. Endoscopic Skull Base Surgery workshop, McMaster University, Reedy K, **Kassam AB**, April 15-16, 2013. (Cadaveric Dissection),
51. Skull base surgery: Indications for and limitations of the endoscopic approach Masters Dissection Course in Endoscopic Anterior Skull Base Surgery, University Hospitals Coventry & Warwickshire, **Kassam AB**, March 26, 2013. (Cadaveric Dissections)
52. 6 Pillar Approach: Parafascicular Surgery of the White Matter; Access to Intraaxial Subcortical White Matter pathology with emphasis on Economic Resource Optimization through Surgical Biometrics, University of Ottawa Skills and Simulation, Ottawa, ON **Kassam Amin**, Corsten Martin, Agbi Charles, March 8-10, 2013. (Hands-On Training, Live Surgery)
53. Advanced Endoscopic Skull base surgery, Bogotá, Columbia, Herra Alfredo, Carrau R, **Kassam AB**, Feb 20-24, 2013 (Cadaveric Dissections, Live Surgery)
54. Live Endonasal Endoscopic Cadaveric Prosection Symposium, NANOS, Snowbird, Utah, **Kassam Amin**, February 13, 2013. (Cadaveric Dissections and Prosection)
55. 6 Pillar Approach: Parafascicular Surgery of the White Matter: Access to Intraaxial Subcortical White Matter Pathology with Emphasis on Economic Resource Optimization through Surgical Biometrics, University of Ottawa Skills and Simulation Centre, Ottawa, ON. **Kassam Amin**, Corsten Marten, Agbi Charles, November 3-4, 2013. (Hands-On Training, Live Surgery)
56. 2nd Endoscopic Masters Class, Barcelona, Spain, **Kassam Amin**, Bernal-Sprekelsen, November 2012. (Cadaveric Dissections)
57. State-of-the-Art Endoscopic Skull Base Surgery A Hands-On Course. Columbus Convention Center, Columbus, OH. **Kassam Amin**, Ricardo Carrau, Bradely Otto, Daniel Prevedello, October 25 – 28, 2012. (Cadaveric Dissections)
58. 6 Pillar Approach: an Integrated Systematic Approach for Minimally Invasive Access to the Intraaxial Subcortical White Matter Pathology Course, University of Ottawa Skills and Simulation, Ottawa, ON. **Kassam Amin**, Agbi, Charles, Corsten Marten, August 18-19, 2012. (Hands-On Training, Live Surgery)
59. 360 Minimally Invasive Surgery Endoscopic Endonasal Course-Pituitary/Skull Base Approaches, University of Ottawa Skills and Simulation Centre, Ottawa, ON. **Kassam AB**, Corsten M, Agbi C, Lamonth, Andre. May 31-June 4, 2012. (Cadaveric Dissections, Hands-On Training, Live Surgery)
60. State-of-the-Art Endoscopic Skull Base Surgery A Hands-On Course. **Kassam Amin**, Ricardo Carrau, Bradely Otto, Daniel Prevedello, May 23 – 26, 2012. (Cadaveric Dissections)
61. Canadian Society of Otolaryngology, Toronto, ON. **Kassam AB**, May 2012. (Cadaveric Dissections)

62. 2nd Endoscopic Skull Base Surgery Course, Columbus Convention Center, Columbus, OH. **Kassam AB**, Carrau, R, Prevedello D, Otto B, April 26-29, 2012. (Cadaveric Dissections)
63. McMaster Annual Course on Endoscopic Skull Base Surgery, **Kassam AB**, K Reddy, A Algrid, April 13-14, 2012. (Cadaveric Dissections)
64. 6th Keyhole & Endonasal Surgery Course, 6th Keyhole & Endonasal Surgery Course, Medical Innovations and Training Institute, Las Vegas, NV. Kelly D., Carrau RL, **Kassam AB**, Feb 2-5, 2012. (Cadaveric Dissections)
65. 1st Endoscopic Masters Class, Barcelona, Spain, **Kassam Amin**, Bernal-Sprekelsen, Nov 2012. (Cadaveric Dissections)
66. 1st Endoscopic Skull Base Surgery Course, OHIO State University Comprehensive Cancer Center, Columbus, Ohio, Carrau RL, Prevedello D, Otto B., **Kassam AB**, Oct 5, 2011. (Cadaveric Dissections)
67. Endoscopic Skull Base Workshop, Trichy Hospital, Trichy, India, **Kassam AB**, Carrau RL, Prevedello August 17-20, 2011. (Cadaveric Dissection and Live Surgery)
68. The 1st Congress of the Confederation of the European Otorhinolaryngology, Head & Neck Surgery, Precongress Workshop, **Kassam AB**, Carrau RL, Prevedello. June 30, 2011. (Cadaveric Dissections)
69. Live Surgery Dissection Course. International Society of Surgery Anatomy Bristol (UK) and European Skull Base Society. Paris, France. **Kassam AB**, Carrau RL, June 26-28, 2011. (Cadaveric Dissections, Live Surgery)
70. 360 Mind, 3rd Minimally Invasive (Keyhole) Skull Base Surgery: A Comprehensive Hands-On Course, Santa Monica, CA. **Kassam, Amin**, Fernandez-Miranda, Juan, Malkasian, Dennis. April 25, 2010. (Cadaveric Dissections)
71. Endoscopic Skull base surgery workshop, Macmaster University, Reedy K, **Kassam AB**, April 15-16, 2010. (Cadaveric Dissection)
72. Advances in Endoscopic Cranial Base Surgery: Have we reached the final frontier? Advanced Endoscopic Cranial Base Surgery Course. University of Cincinnati Academic Health Center. March 19-20, 2010. (Cadaveric Dissections)
73. Endo Skull Base Workshop, Bombay Hospital and Nair Hospital, Mumbai, India, **Kassam AB**, Carrau RL. March 9-11, 2010. (Cadaveric Dissection and Live Surgery).
74. Course Director: Endonasal & Keyhole Surgery Course - 360-degree Minimally Invasive Skull Base Access with Hands-on Cadaver Dissection. Palm Beach Gardens, Florida, February, 2010. (Cadaveric Dissections)
75. Advanced Endoscopic Skull Base Surgery, Cadaveric Dissection course. Asian Pacific Congress of Neurological Surgery. **Kassam AB**, Nov. 19-21, 2010. (Cadaveric Dissections)
76. 360 Mind, Endoscopic Endonasal & Keyhole Surgery of the Skull Base, Pituitary Fossa, Orbit and Cranio-Cervical Junction: A Comprehensive Hands-On Course, Santa Monica,

- Los Angeles, **Kassam AB**, Carrau RL, Kelly, Daniel. November 12-15, 2010.(Cadaveric Dissections)
77. Advanced Endoscopic, Cadeveric Dissection Course. Cambridge University, **Kassam AB**, Carrau RL. Oct 30-Nov 2, 2010. (Cadaveric Dissections)
 78. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Adelaide Australia, Wormald PJ, **Kassam AB**, Carrau RL, July 2010. (Cadaveric Dissections)
 79. Cadaveric Dissection Course. International Society of Surgery Anatomy Bristol (UK) and European Skull Base Society. Paris, France. **Kassam AB**, Carrau RL, June 17-18, 2010. (Cadaveric Dissections)
 80. Expanded Endonasal Approach: Minimally invasive skull base surgery: 9th Congress of the Spanish Society Skull Base. **Kassam AB.**, Carrau RL. June 11, 2010. (Cadaveric Dissections)
 81. First Annual 360 MIND Endonasal and KeyHole Surgery. Carrau RL, **Kassam AB**, Kelly DF, Prevedello D. April 21-25, 2010 (Cadaveric Dissection)
 82. Endo Skull Base Workshop, Bombay Hospital and Nair Hospital, Mumbai, India, **Kassam AB**, Carrau RL. April 9-11, 2010. (Cadaveric Dissection and Live Surgery)
 83. USC Endoscopic Skull Base Course, Los Angeles, Worbel B, **Kassam AB**, Carrau R, February 7-8,2010, (Cadaveric Dissection)
 84. Endonasal and Keyhole Surgery. Palm Beach, Florida. Carrau RL, **Kassam AB**, Kelly DF, Prevedello D. February 3-7, 2010 (Cadaveric Dissection)
 85. Endoscopic Endonasal Skull Base Surgery. Hôpital Lariboisière, Paris, France. Geroge B, Carrau RL, **Kassam AB**. September, 2009. (Cadaveric Dissection and Live Surgery)
 86. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa. Vancouver Canada, **Kassam AB**, July 2009. (Cadaveric Dissection)
 87. Minimally Invasive Endoscopic Skull base Surgery, Brisbane, Australia Panizza B., **Kassam AB**, Carrau R L. June 2009 (Cadaveric Dissection, Live Surgery)
 88. Hands-on Course on Endoscopic Endonasal Skull Base Surgery. 9th Congress of the European Skull Base Society, Rotterdam, the Netherlands, Draf W, **Kassam AB**, Snyderman CH. April 18-19, 2009. (Cadaveric Dissection)
 89. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH, Carrau RL. January 14-17, 2009. (Cadaveric Dissection and Live Surgery)
 90. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, 15th Annual Meeting of the Japanese Society for Neuroendoscopy, Tokyo, Japan, **Kassam AB**, Snyderman CH. November 22, 2008. (Cadaver Dissection)
 91. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH, Carrau RL. October 22-25, 2008. (Cadaveric Dissection and Live Surgery)

92. International Skull Base CME and Skull Base Cadaver Workshop, Tata Memorial Hospital, Mumbai, India, **Kassam AB**, Carrau RL. October 9-10, 2008. (Cadaveric Dissection and Live Surgery)
93. Cranial Endoscopic Procedures in Neurosurgery, Annual Meeting, Congress of Neurological Surgeons, Orlando, Florida, Jimenez DF, Luciano MG, Frazee JG, Nakaji P, **Kassam AB**, Gaab MR. September 21, 2008. (Cadaveric Dissection)
94. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH, Carrau RL. September 3-6, 2008. (Cadaveric Dissection and Live Surgery)
95. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Division of Neurosurgery, Dalhousie University, Halifax, Nova Scotia, Canada, **Kassam AB**. June 25-26, 2008. (Cadaveric Dissection)
96. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, 8th Congreso Sociedad Espanola de Base de Craneo, Santander, Spain, **Kassam AB**, Carrau RL. June 11, 2008. (Cadaveric Dissection)
97. 3rd International Hands-On Course on Endoscopic and Microscopic Microsurgery of the Skull Base: Techniques, Combined Approaches and Operations, Nice, France, Danesi G, Panizza B, **Kassam AB**, Carrau RL. June 6-8, 2008. (Cadaveric Dissection)
98. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH, Carrau RL. June 1-3, 2008. (Cadaveric Dissection and Live Surgery)
99. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, McMaster University, Hamilton, Ontario, Canada, **Kassam A**. April 25, 2008. (Cadaveric Dissection)
100. Endoscopic Approaches to Skull Base Lesions, University of Ottawa/Ottawa Hospital, Ottawa, Ontario, Canada, Agbi C, Lamothe A, **Kassam AB**, Carrau RL, Mintz AH. April 11-12, 2008. (Cadaveric Dissection)
101. Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Charing Cross/Imperial College Hospitals, London, United Kingdom, **Kassam A**, Snyderman C. March 26, 2008. (Cadaveric Prosection)
102. Minimally Invasive Endoscopic Endonasal Surgery of the Skull Base, Paranasal Sinuses, and Posterior Fossa, Florida Hospital Neuroscience Institute, Orlando, Florida, Field M, **Kassam A**, Snyderman C. March 7-9, 2008. (Cadaveric Dissection)
103. 2nd Endonasal & Skull Base Key-Hole Surgery Course, Palm Beach Gardens, Florida, Kelly DF, Cappabianca P, **Kassam A**, Teo C, Malkasian D, Cohan P. February 15-16, 2008. (Cadaveric Dissection)
104. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Las Vegas, Nevada, **Kassam AB**, Prevedello D. February 8, 2008. (Cadaveric Prosection)

105. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH, Carrau RL. January 23-25, 2008. (Cadaveric Dissection and Live Surgery)
106. Endoscopic Surgery of the Pituitary Fossa and Cranial Base, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada, **Kassam A**, Carrau R, Gentili F, Witterick I. November 16-17, 2007. (Cadaveric Dissection)
107. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, 58th National Congress of the Sociedad de Otorrinolaringologia y Patologia Cervico-facial, Madrid, Spain, **Kassam AB**, Snyderman CH. November 12, 2007. (Cadaveric Dissection)
108. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. September 23-25, 2007. (Cadaveric Dissection and Live Surgery)
109. Cranial Endoscopic Procedures in Neurosurgery. Congress of Neurological Surgeons Annual Meeting, San Diego, California, Jimenez DF, Luciano MG, **Kassam A**, Frazee JG, Gaab MR, Zuccaro GN. September 16, 2007. (Cadaveric Dissections)
110. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. September 6-8, 2007. (Cadaveric Dissection and Live Surgery)
111. International Workshop on Advanced Transnasal Endoscopic Skull Base Surgery: ENT and Neurosurgical Team Approach, Barcelona, Spain, Carrau RL, **Kassam AB**, Frank G, Pasquini E. July 5-6, 2007. (Cadaveric Dissection)
112. Cirugia Endoscopica Transnasal De La Base Del Craneo, Madrid, Spain, **Kassam AB**, Carrau RL. July 2-3, 2007. (Cadaveric Dissection)
113. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. May 31-June 2, 2007. (Cadaveric Dissection and Live Surgery)
114. Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Centre de Simulation Medicale, Montreal, Quebec, Canada, **Kassam AB**, Carrau RL, Lavigne F, Zeitouni A. May 16-18, 2007. (Cadaveric Dissection)
115. Expanded Endonasal Surgery Training, 8th Congress of the European Skull Base Society, Prague, Czech Republic, **Kassam AB**, Snyderman C. May 5, 2007. (Cadaveric Dissection)
116. Minimally Invasive Endonasal Surgery of the Skull Base, Paranasal Sinuses and Posterior Fossa. Florida Hospital, Orlando, Florida, Field M, **Kassam A**, Snyderman C. February 23-25, 2007. (Cadaveric Dissection)
117. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. January 13-15, 2007. (Cadaveric Dissection and Live Surgery)

118. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Las Vegas, Nevada, **Kassam AB**, Gardner P. December 14, 2006. (Cadaver Prosection)
119. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Karl Storz Endoscopy-America, Inc., Los Angeles, California, **Kassam AB**, November 17, 2006. (Hands-On Training)
120. Skull Base Surgery Workshop, Annual Meeting of the German Society of Skull Base Surgery, Freiburg, Germany, **Kassam AB**, Snyderman CH, Al-Mefty O, Rosahl S. November 9, 2006. (Cadaveric Prosection)
121. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. September 21-23, 2006. (Cadaveric Dissection and Live Surgery)
122. Neuroendoscopy Course, University of Calgary Medical Center/Foothills Hospital, Calgary, Canada, **Kassam AB**, September 8, 2006. (Cadaveric Dissection)
123. Cirugia Endoscopica Transnasal De La Base Del Craneo, Madrid, Spain, **Kassam AB**, Carrau RL. June 16-17, 2006. (Cadaveric Dissection)
124. Endoscopic Approaches to the Cavernous Sinus, Cornell University, New York, New York, **Kassam AB**. June 9-10, 2006. (Cadaveric Dissection)
125. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. June 2-3, 2006. (Cadaveric Dissection and Live Surgery)
126. Principles of endoNeurosurgery. University of Texas, San Antonio, Texas, **Kassam AB**. May 12, 2006. (Cadaveric Dissection)
127. Principles of endoNeurosurgery. 6th International Hands on Workshop Endoscopic Endonasal Skull Base Surgery, Naples, Italy. **Kassam AB**, Castelnuovo P. May 22-23, 2006. (Cadaver Dissection)
128. Minimally Invasive Surgery and Endoscopic Skull Base Dissection Course. University of Toronto, Toronto, Ontario, Canada, **Kassam AB**, Snyderman CH, Carrau RL, Mintz AH, Gardner PA. February 2-3, 2006. (Cadaveric Dissection)
129. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. January 27-28, 2006. (Cadaveric Dissection and Live Surgery)
130. Principles of endoNeurosurgery. McMaster University, Hamilton, Ontario, Canada, **Kassam AB**. December 2, 2005. (Cadaveric Dissection)
131. Pituitary Expanded Endonasal Approach, Savannah, Georgia, **Kassam AB**. November 17-18, 2005. (Cadaveric Dissection)
132. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa. Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. October 3-4, 2005. (Cadaveric Dissection and Live Surgery)

133. Keyhole Techniques in Neurosurgery: Evolution in Neurosurgery, Expanded Endonasal Approach: The Petroclival Space. Prince of Wales Hospital, Sydney, Australia, **Kassam AB**. August 25-27, 2005. (Cadaveric Dissection)
134. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. June 3-4, 2005. (Cadaveric Dissection and Live Surgery)
135. Classification of Surgical Approaches to the Ventral Skull Base. 7th Congress of the European Skull Base Society, Fulda, Germany, **Kassam, AB**, Snyderman CH. May 20, 2005. (Cadaveric Dissection)
136. Expanded Endonasal Approach, University of California-Davis, Davis, California, **Kassam AB**. February 2005. (Cadaveric Dissection)
137. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. January 7-8, 2005. (Cadaveric Dissection and Live Surgery)
138. Expanded Endonasal Approach, University of Ottawa, Ottawa, Canada, **Kassam AB**. November 2004. (Cadaveric Dissection)
139. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. September 10-11, 2004. (Cadaveric Dissection and Live Surgery)
140. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa, Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. June 4-5, 2004. (Cadaveric Dissection and Live Surgery)
141. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa. Pittsburgh, Pennsylvania, **Kassam AB**, Snyderman CH. January 23-24, 2004. (Cadaveric Dissection and Live Surgery)
142. Interdisciplinary Problem solving in cranio-Maxillofacial Surgery. Pittsburgh, Pennsylvania, **Kassam AB**. February 23-24, 2002. (Hands-On Training)
143. Microvascular Decompression for Trigeminal Neuralgia and Hemifacial Spasms, Congress of Neurological Surgeons Annual Meeting, San Diego, California, **Kassam AB**. September 29-October 4, 2001. (Hands-On Training)
144. Endoscopic Skull Base Surgery, VIII Annual South American Advanced Endoscopic Dissection Course of the Paranasal Sinuses, Orbit and Skull Base, Bogota, Columbia, **Kassam AB**. February 23, 2000. (Cadaveric Dissection)

American Boards Resident Review Courses Taught:

1. Innovations in Neurosurgery, Chicago American Boards Review Course, in Neurological Surgery, January 27, 2017.
2. Surgery of the Sellar and ParaSellar Regions, Chicago American Boards Review Course, in Neurological Surgery, January 2016.

3. Surgery of the Sellar and ParaSellar Regions, Chicago American Boards Review Course, in Neurological Surgery, January 2015.
 4. Surgery of the Sellar and ParaSellar Regions, Chicago American Boards Review Course, in Neurological Surgery, January 25, 2014.
 5. Surgery of the Sellar and ParaSellar Regions, Chicago American Boards Review Course, in Neurological Surgery, January 26, 2013.
 6. Endoscopic Skull Base Surgery, Chicago Residents Review Course, Kranser, June 9, 2012.
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On-Site Surgical Proctoring

Have procotored 22 Neurosurgeons on-site (at their home institutions).

Selected Peer Reviewed Poster Presentations

Available upon request.

Clinical Fellows Trained

Neurosurgery:

07/01/18-07/01/19	Bhavani Kura, MD
10/01/15-07/01/17	Juanita Celix, MD
07/01/12-2013	Mohamed Bafaquah, MD
07/16/12-2013	Mohamed Labib, MD
07/01/11-06/30/12	Walid Elgadafi, MD
01/01/10-06/30/10	Kiarash Shalaie, MD, PhD
10/01/09-09/01/11	Nancy McLaughlin, MD, PhD
07/01/08-06/30/09	Juan Fernandez-Miranda, MD
07/01/07-06/30/09	Ricky Madhok, MD
08/01/06-06/30/08	Daniel Prevedello, MD
07/01/05-08/31/07	Ajith Thomas, MD
07/1/05-06/30/07	Johnathan Engh, MD
07/1/05-06/30/07	Paul Gardner, MD

Otolaryngology/Skull Base Surgery:

07/01/08-06/30/09
07/01/07-06/30/08
07/01/06-06/30/07
07/01/04-06/30/05

Amol Bhatki, MD
Adam Zanation, MD
Allan Vescan, MD
Lee Zimmer, MD

Anatomic Fellows Trained:

2016-2019

Alejandro Monro-Sosa, MD

2014-2019

Srikant Chakravarthi, MD

Mentored Post-graduate Students:

2007-2008

Sarah Bradley
Member, Thesis Committee, Masters in Public Health
Thesis: "Economic Issues in Persons with a Primary Malignant Brain Tumor and Their Caregivers"

10/06-2007

Matthew J. Gallek, RN, BSN
Mentor, International Society of Nurses in Genetics Nursing Research Grant Program
"Preproendothelin-1 Polymorphism and its Relationship to Long-Term Outcomes After Subarachnoid Hemorrhage: A Pilot Study"

10/06-2007

Qiang Liu, PhD
Co-Mentor, Pathway to Independence Award, NIH
Application Submitted 9/27/06

01/03-04/03 (72 hrs)

Kirk Foster, SNRA, Research Practicum

01/03-04/03 (72 hrs)

Frank Wilson, SRNS, Research Practicum

05/01-08/01 (72 hrs)

Melissa McConnell, Research Practicum

05/01-08/01 (72 hrs)

Giriraj Sharma, Research Practicum

01/01-05/01 (72 hrs)

James Ermand, Independent Study

01/01-05/01 (72 hrs)

Andrew Hicks, Research Practicum

01/01-05/01 (72 hrs)

Aaron Ostrowski, Research Practicum

01/01-05/01 (72 hrs)

Jim Roupe, Research Practicum

01/01-05/01 (72 hrs)

Amy Hermann, Research Practicum

09/00-11/00 (72 hrs)

James Kelly, Research Practicum

09/00-11/00 (72 hrs)

Linda Ambrose, Research Practicum

2000-2002

Melvin Field, MD
Preceptor, Postgraduate Research Practicum

06/00-09/00

Stephanie Marks, RN
Masters in Nursing Program

2000-2002	Thesis: “Molecular Genetics of Cerebral Aneurysms” Eileen Roach, RN Faculty Mentor, Research Fellowship
1999-2000	Thesis: “Molecular Pathogenesis of Cerebral Aneurysms” Amy Roach, RN Preceptor, Postgraduate Research Practicum, Masters in Nursing Program Thesis: “Outcomes Assessment in Cranial Base Surgery”

Visiting Scholars

Available upon request.

Research (Grant Funding)

Current Active Grants:				
<u>Source Type</u>	<u>Grant Title/Number</u>	<u>Role in Project</u>	<u>Years Inclusive</u>	<u>Amount</u>
Corporate: Canopy Health Innovations	Impact of Social Isolation and Social Determinants of Health on a High Risk Population -- A Cohort Observational Study to Investigate Determinative Social and Interpersonal Network Factors Influencing Quality of Life of National Hockey League Alumni via the Use of a Purpose-built Digital Mobile Wellness Enhancement Platform (Neeke Life Platform)	PI	Period: 03/2019-12/2022	8-Digit amount under Non-disclosure agreement
Vince Lombardi Cancer Foundation	Establishment of Brain Tumor Stem Cell Bank	PI	Period 1:2015-2016	\$25,000
Vince Lombardi Cancer Foundation	Establishment of Brain Tumor Stem Cell Bank	PI	Period 2:2016-2017	\$25,000
Vince Lombardi Cancer Foundation	Development of Neuro-Oncology Research	PI	2015-2020	\$1,000,000

Prior Grant Support:				
<u>Source /Type</u>	<u>Grant Title / Number</u>	<u>Role in Project and % Effort</u>	<u>Years Inclusive</u>	<u>Amount</u>
NIH / R01	Familial Intracranial Aneurysm Study 5 R01 NS39512-05	Site PI <i>0.30 calendar months</i>	8/1/04-7/31/09	\$58,873
NIH / R01	Patient and Healthcare Outcomes Following EEA R01 NR011044 Co-PI: Paula Sherwood, RN, PhD	Co-Principal Investigator 20% effort	12/1/08-11/30/13	\$3,437,002
Baxter (Corporate)	Study of the neurocompatibility of Tisseel Fibrin Sealant in Primates	PI	9/1/00-8/31/01	\$250,000
Macropore, Inc.(Corporate)	Evaluation of MacroPore TS in a Canine Model	Co-Investigator	11/1/01-10/31/02	\$51,062
Seacoast (Corporate)	Safety and Characterization Study of Chiller Button	PI	12/15/00-1/31/02	\$25,872
The Walter L. Copeland Fund of the Pittsburgh Foundation (Private Foundation)	Cerebral aneurysms: Development of a monkey model of hemodynamic stress and gene expression D2001-0281	PI	7/1/01-6/30/02	\$24,750
The Walter L. Copeland Fund of the Pittsburgh Foundation (Private Foundation)	Dizziness After Cranial Nerve Microvascular Decompression and Dizziness After Traumatic Brain Injury: Incidence, Severity and Prognosis D2002-0306	PI	7/1/02-6/30/03	\$24,750
Olympus America, Inc. (Corporate)	Image Fusion	PI	3/1/02-3/31/03	\$10,000
Target Therapeutics, Inc. (Corporate)	Validation of Canine Venous Pouch Aneurysm Model by Comparison to Pathological Specimens of Human Aneurysms	PI	7/1/01-3/31/04	\$52,540
Howmedica Leibinger, Inc. (Corporate)	Image Fusion Technology Systems	PI	9/1/01-8/31/04	\$75,000
Medtronic (Corporate)	Clinical Study of the Medtronic Neurosurgery Durepair Dura Regeneration Matrix	PI	7/2/04-7/1/06	\$50,000
NIH / R01	Video Compression for Remote Monitoring of Neurosurgery 1 R01 EB002309-04 PI: Mingui Sun, PhD	Co-Investigator	9/20/03-7/31/08	\$1,120,237

Clinical Trials

IRB0701107 – **Kassam A (PI)**

Center for Neurological Surgery Research Registry

IRB0708010 – **Kassam A (PI)**

Familial Intracranial Aneurysm Study

PRO08020364 – **Kassam A (PI)**

Unruptured Intracranial Aneurysm: Neurologic Outcome

PRO08100241 – Byers K (PI)

Risk Factors and Incidence of Infection after Skull Base Neurosurgery using An Endonasal Approach

PRO09010055 – Caicedo-Granados E (PI)

Radiologic Findings After Anterior Skull Base Surgery

PRO07030219 – Engh J (PI)

Characterization of Cell Surface Markers within Human Central Nervous System Tumors

PRO08080359 – Horbinski C (PI)

Molecular Alterations in Brain Tumors

PRO08060125 – Horowitz M (PI)

Retrospective Review of Outcomes Following Aneurysm Coiling with EV3 Coils

IRB021222 – Jovin T (PI)

A Prospective Collection of Safety Data Related to Respiratory Slowing and Apnea for Xenon-CT Imaging for the Purposes of Measuring Cerebral Blood Flow (CBF) in Patients with a Spectrum of Neurological Conditions.

PRO08010386 – Kondziolka D (PI)

A Study of Quality Care in Patients Undergoing Brain Tumor Surgery

IRB0403145 – Lieberman F (PI)

A Prospective National Study to Molecularly and Genetically Characterize Human Gliomas: The Glioma Molecular Diagnostic Initiative

IRB0605004 – Lieberman F (PI)

UPCI 06-013: A Phase III Trial Comparing Conventional Adjuvant Temozolomide with Dose-Intensive Temozolomide in Patients With Newly Diagnosed Glioblastoma (RTOG 0525)

PRO06110011 – Lieberman F (PI)

UPCI 06-069: Phase I/II BAY 43-9006/OSI-774/R115777/CCI-779 in Recurrent GBM or Gliosarcoma

PRO06080009 – Lieberman F (PI)

UPCI 05-119: Phase I (SAHA) with Tmz for Malignant Gliomas

PRO06080012 – Lieberman F (PI)

UPCI 05-058: Phase I/II of OSI-774 (eriotinib) and CCI-779 (temsirolimus) in Recurrent Malignant Gliomas

PRO07040204 – Lieberman F (PI)

UPCI 07-026: A Randomized Phase II Trial of Bevacizumab with Irinotecan or Bevacizumab With Temozolomide in Recurrent Glioblastoma (RTOG 0625)

PRO08040043 – Lieberman F (PI)

UPCI 08-062: Phase I Trial of Aflibercept (VEGF Trap) with Radiation Therapy and Concomitant and Adjuvant Temozolomide in Patients with Malignant Glioma (NABTC07-01)

PRO07050016 – Mintz A (PI)

Awake Craniotomy Socio-Economic Impact and Clinical Outcomes

PRO08120394 – Niranjana A (PI)

Retrospective Analyses of Neurosurgery Operative Procedures

PRO06080001 – Okada H (PI)

UPCI# 05-115: Phase I/II Evaluation of Vaccine Type-1 DCs Multiple Peptides HLA-A2s Recurrent Malignant Gliomas

PRO07090226 – Okada H (PI)

UPCI 07-057: A Bi-Institutional Pilot Study to Evaluate the Effects of Vaccinations with HLA-A2-Restricted Glioma Antigen-Peptides in Combination with Poly-ICLC for Adults with WHO Grade II Astrocytomas and Oligo-Astrocytomas

PRO08040105 – Park D (PI)

Identification of Growth and Invasive Mechanisms in Chordomas

IRB0704007 – Sherwood P (PI)

Stress and Aging: Caregiver Outcomes in Neuro-oncology

PRO07120074 – Sherwood P (PI)

Patient and Health Care System Outcomes Following EEA

PRO09030140 – Wechsler L (PI)

Minimally Invasive Surgery for the Treatment of Intracerebral Hemorrhage {MISTIE}; and Intraoperative Stereotactic CT-guided Endoscopic Surgery for Intracerebral Hemorrhage ICES-{Tier 3}

Minimally invasive Subcortical Parafascicular Access for Clot Evacuation (MiSPACE) Registry (PI)

A071102: A Phase II/III Randomized Trial of Veliparib or Placebo in Combination with Adjuvant Temozolomide in Newly Diagnosed Glioblastoma with MGMT Promoter Hypermethylation (Sub-I)

A071401: Phase II Trial of SMO/AKT/NF2 Inhibitors in Progressive Meningioma's with SMO/AKT/NF2 Mutations (Sub-I)

N0577 (CODEL): Phase III Intergroup Study of Radiotherapy with Concomitant and Adjuvant Temozolomide versus Radiotherapy with Adjuvant PCV Chemotherapy in Patients with 1p/19q Co-deleted Anaplastic Glioma or Low Grade Glioma (Sub-I)

DCVax - A Phase III Clinical Trial Evaluating DCVax-L, Autologous Dendritic Cells Pulsed with Tumor Lysate Antigen for the Treatment of Glioblastoma Multiforme (Sub-I)

Expanded Access - An Expanded Access Protocol for the Treatment of Glioblastoma Multiforme in Patients with Already Manufactured DCVax-L, Autologous Dendritic Cells Pulsed with Tumor Lysate Antigen Who Have Screen-Failed Protocol 020221 (Sub-I)

Patents and Inventions (awarded and pending)

Available upon request.

Editorial Board Memberships

Available upon request.

Ad Hoc Reviewer

Available upon request.

Service

Available upon request.
