

Gautam Unmeel Mehta, M.D.

11/01/2018

Contact Information

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Current Appointments

10/2018 – Present Neurosurgeon and Associate, House Clinic, Los Angeles, CA
08/2018 – Present Clinical Scientist, House Ear Institute, Los Angeles, CA

Education

07/2017 – 06/2018 Skull Base Surgery, MD Anderson Cancer Center, Houston, TX
Mentor – Franco DeMonte, MD
CAST accreditation – Neurosurgical Oncology

06/2010 – 06/2017 Neurosurgery, University of Virginia and National Institutes of Health,
Charlottesville, VA and Bethesda, MD

08/2005 – 05/2010 M.D., Georgetown University, Washington, DC
08/2004 – 06/2005 M.S., Georgetown University, Washington, DC (Physiology and Biophysics)
08/1999 – 05/2003 B.A., University of California, Berkeley, CA (Molecular and Cell Biology)

Experience

01/2013 – 06/2016 Tumor Immunotherapy Research, Surgery Branch, National Cancer Institute,
Bethesda, MD

03/2013 – 06/2013 Neuroscience Laboratory Instructor, Georgetown University School of Medicine,
Washington, DC

07/2008 – 06/2009 Clinical Research Training Program, Clinical Center, National Institutes of Health,
Bethesda, MD

05/2006 – 08/2006 Summer Research Fellowship, Surgical Neurology Branch, National Institute of
Neurological Disorders and Stroke, Bethesda, MD

06/2000 – 08/2000 Immunology Research, Lung Biology Center, University of California, San
Francisco, CA

Awards and Funding

05/2018 American Brain Tumor Association Young Investigator Award
03/2015 American Association of Immunologists Trainee Abstract Award
07/2013 – 06/2017 General LRP Grant, Office of the Director, National Institute of Health, Bethesda,
MD

09/2011 Fellows Award for Research Excellence, National Institute of Health, Bethesda,
MD

05/2011 Young Scientist Award, University of Virginia Health System, Charlottesville, VA
07/2010 – 06/2013 ACGME LRP Grant, Office of the Director, National Institute of Health, Bethesda,

05/2009 MD
2nd place, Basic Science Award, Department of Medicine, Georgetown University,
Washington, DC
08/2006 Exceptional summer student research award, National Institute of Neurological
Disorders and Stroke, Bethesda, MD

Licensure

California – A156598 (Exp. 08/31/2019)
- Fluoroscopy X-ray supervisor and operator permit – RHC00204182 (Exp. 10/31/2020)
Texas – R2170 (Exp. 05/31/2020)

Journal activities

Editorial

2017 – present *Journal of Neuro-oncology*
- Social media lead editor

Ad hoc referee

2017 – present *Journal of Neuro-oncology*
2017 – present *Journal of Spinal Cord Medicine*
2014 – present *Journal of Immunotherapy*
2014 – present *PLOS One*

Protocols

1. R-16-10: SRS for Cushing disease, International Gamma Knife Research Foundation (IGKRF) – completed
2. R-16-07: SRS for foramen magnum meningiomas, International Gamma Knife Research Foundation (IGKRF) – completed

Professional Memberships/Leadership

09/2018 – present International Radiosurgery Research Foundation
– Site PI (09/2018 – present)
01/2016 – present North American Skull Base Society
– Surgical Education committee (05/2016 – 2019)
– Website and Publications Committee (05/2016 – 2019)
– 2019 Annual meeting abstract reviewer
– 2018 Annual meeting abstract reviewer
01/2015 – 01/2017 American Association of Immunologists
08/2010 – present American Association of Neurological Surgeons
– Rhoton Collection contributor (5/2016 – present)
08/2010 – present AANS/CNS Section on Tumors
06/2010 – present Congress of Neurological Surgeons
– Scientific Program committee (10/2010 – 10/2011)
– Self-Assessment in Neurological Surgery committee (10/2010 – 10/2013)

Peer-Reviewed Publications

1. Mastorakos P, **Mehta GU**, Chatrath A, Moosa S, Lopes M-B, Payne SC, Jane JA Jr. Tumor to Cerebellar Peduncle T2-weighted imaging intensity ratio fails to predict pituitary adenoma consistency. *Journal of Neurological Surgery Part B – Skull Base*. (Accepted)
2. Cordeiro D, Xu Z, **Mehta GU**, Ding D, Vance ML, Kano H, Sisterson N, Yang W, Kondziolka D, Lunsford LD, Mathieu D, Barnett GH, Chiang V, Lee J, Sneed P, Su Y-H, Lee C-C, Krsek M, Liscak

- R, Nabeel AM, El-Shehaby A, Karim KA, Reda WA, Martinez-Moreno N, Martinez-Alvarez R, Blas K, Grills I, Lee K, Kosak M, Cifarelli CP, Katsevman GA, Sheehan JP. Hypopituitarism after Gamma Knife radiosurgery for pituitary adenomas: A multicenter, international study. *Journal of Neurosurgery*. (Accepted)
3. **Mehta GU**, DeMonte F, Su S, Kupferman M, Hanna EY, Raza SM. Endoscopic endonasal transpterygoid – transnasopharyngeal management of petroclival chondrosarcomas. *Journal of Neurosurgery*. (pmid 30074455, in press)
 4. Shepard MJ, **Mehta GU**, Xu Z, Kano H, Sisterson N, Su YH, Krsek M, Nabeel AM, El-Shehaby A, Kareem KA, Martinez-Moreno N, Mathieu D, McShane BJ, Blas K, Kondziolka D, Grills I, Lee JY, Martinez-Alvarez R, Reda WA, Liscak R, Lee CC, Lunsford LD, Vance ML, Sheehan JP. Techniques of whole-sellar stereotactic radiosurgery for Cushing’s disease: Results from a multicenter, international cohort study. *World Neurosurgery* 116: e670-e679, 2018. (pmid 29783006)
 5. Ding D, **Mehta GU**, Patibandla MR, Lee C-C, Liscak R, Kano H, Pai F-Y, Kosak M, Sisterson ND, Martinez R, Mathieu D, Grills IS, Blas K, Cifarelli CP, Katsevman GA, Lee JYK, McShane B, Kondziolka D, Lunsford LD, Vance ML, Sheehan JP. Stereotactic radiosurgery for acromegaly: An international, multicenter study. *Neurosurgery*. (pmid 29757421, in press)
 6. **Mehta GU**, Malekzadeh P, Shelton T, White DE, Butman JA, Yang JC, Kammula US, Goff SL, Rosenberg SA, Sherry RM. Outcomes of adoptive cell transfer with tumor-infiltrating lymphocytes for metastatic melanoma patients with and without brain metastases. *Journal of Immunotherapy*. 41 (5): 241-247. (pmid 29672342)
 7. Huang C, Zhang Z, Chen L, Lee HW, Ayrapetov MK, Zhao TC, Hao Y, Gao J, Yang C, **Mehta GU**, Zhuang Z, Zhang X, Hu G, Chin YE. Acetylation within the N- and C-terminal domains of Src regulate distinct roles of STAT3-mediated tumorigenesis. *Cancer Research*. 78 (11): 2825-2838. (pmid 29531159)
 8. **Mehta GU**, Ding D, Gupta A, Kano H, Sisterson ND, Martinez-Moreno N, Krsek M, Yang H-C, Lee C-C, Liscak R, Martinez-Alvarez R, Lunsford LD, Vance ML, Sheehan JP. Repeat stereotactic radiosurgery for Cushing’s disease: Outcomes of an international, multicenter study. *Journal of Neurooncology*. 138 (3): 519-525. (pmid 29500664)
 9. Taylor DG, Ilyas A, **Mehta GU**, Chen CJ, Schiff D, Oldfield EH, Asthagiri AR. Variable response of CNS hemangioblastomas to Pazopanib in a single patient with von Hippel-Lindau disease: Case report. *Journal of Clinical Neuroscience*. 50: 154-156. (pmid 29396065)
 10. **Mehta GU**, Hanna EY, DeMonte F, Raza SM. Endoscopic endonasal resection of sinonasal/anterior skull base malignancy (Kadish C Esthesioneuroblastoma). *Acta Neurochirurgica*. 160 (2): 361-366. (pmid 29277853)
 11. **Mehta GU**, Ding D, Patibandla MR, Kano H, Sisterson N, Su Y-H, Krsek M, Nabeel AM, El-Shehaby A, Kareem KA, Martinez-Moreno N, Mathieu D, McShane B, Blas K, Kondziolka D, Grills I, Lee JY, Martinez-Alvarez R, Reda WA, Liscak R, Lee C-C, Lunsford LD, Vance ML, Sheehan JP. Stereotactic radiosurgery for Cushing’s Disease: Results of an international, multicenter study. *Journal of Clinical Endocrinology and Metabolism*. 102 (11): 4284-4291. (pmid 28938462)
 12. **Mehta GU**, Zenonos G, Patibandla MR, Lin CJ, Wolf A, Grills I, Mathieu D, McShane B, Lee JY, Blas K, Kondziolka D, Lee C, Lunsford LD, Sheehan JP. Outcomes of stereotactic radiosurgery for foramen magnum meningiomas: An international multicenter study. *Journal of Neurosurgery*. 129 (2): 383-389. (pmid 28862549)
 13. **Mehta GU**, Montgomery BK, Maggio DM, Chittiboina P, Oldfield EH, Lonser RR. Functional outcome after resection of von Hippel-Lindau disease-associated cauda equina hemangioblastomas: an observational cohort study. *Operative Neurosurgery*. 13 (4): 435-440. (pmid 28838111)
 14. Patel SJ, Kishton RJ, Eidizadeh A, Vodnala SK, Cam M, Gartner JJ, Jia L, Steinberg SM, Yamamoto TN, Merchant AS, **Mehta GU**, Chichura A, Tran E, Eil RL, Sukumar M, Robbins P, Feldman S, Zhang F, Sanjana NE, Restifo NP. A genome-scale CRISPR screen to identify essential genes for cancer immunotherapy. *Nature*. 538 (7669): 537-42. (pmid 28783722)

15. Trifiletti DM, **Mehta GU**, Grover S, Sheehan JP. Clinical management and survival of patients with central nervous system hemangiopericytoma in the National Cancer Database. *Journal of Clinical Neuroscience*. 44: 169-74. (pmid 28711294)
16. **Mehta GU**, Panackal AA, Murayi R, Bennett JE, Williamson PR, Chittiboina P. Corticosteroids for previously-healthy patients with non-HIV cryptococcal meningoencephalitis. *Journal of Neurology, Neurosurgery and Psychiatry*. 89 (2): 219-220. (pmid 28550070)
17. Pratt D, **Mehta GU**, Wang H-W, Chittiboina P, Quezado M. A 47-year old female with a destructive sellar mass. *Brain Pathology*. 27 (2): 241-242, 2017. (pmid 28217954)
18. **Mehta GU**, Lonser RR. Management of hormone-secreting pituitary adenomas. *Neuro-Oncology*. 19 (6): 762-73, 2017. (pmid 27543627)
19. Lonser RR, **Mehta GU**, Kindzelski BA, Ray-Chaudhury A, Vortmeyer AO, Dickerman R, Oldfield EH. Surgical management of Carney Complex-associated pituitary pathology. *Neurosurgery*. 89 (5): 780-6, 2017 (pmid 27509071)
20. **Mehta GU**, Feldman MJ, Wang H, Ding D, Chittiboina P. Unilateral vestibular schwannoma in a patient with schwannomatosis in the absence of *LZTR1* mutation. *Journal of Neurosurgery*. 125 (6): 1469-71, 2016. (pmid 26848914)
21. Roychoudhuri R, Eil RL, Clever D, Klebanoff CA, Sukumar M, Grant F, Yu Z, **Mehta G**, Liu H, Jin P, Ji Y, Palmer DC, Pan JH, Chichura A, Crompton JG, Patel SJ, Stroncek D, Wang E, Marincola FM, Okkenhaug K, Gattinoni L, Restifo NP. The transcription factor BACH2 promotes tumor immunosuppression. *Journal of Clinical Investigation*. 126 (2): 599-604, 2016. (pmid 26731475)
22. Montgomery BK, Alimchandani M, **Mehta GU**, Dewan R, Nesvick CL, Miettinen M, Heiss JD, Asthagiri AR, Quezado M, Germanwala AV. Tumors displaying hybrid schwannoma and neurofibroma features in patients with neurofibromatosis type 2. *Clinical Neuropathology*. 35 (2): 78-83, 2016 (pmid 26709712)
23. Perera AP, **Mehta GU**, Pratt D, Quezado MM, Gilbert MR, Heiss JD. Diagnosis of a growing radiation-induced skull lesion: An unusual scar. *Journal of Neurosurgery*. 125 (3): 561-4, 2016. (pmid 26684773)
24. Sukumar M, Liu J, **Mehta GU**, Patel SJ, Roychoudhuri R, Crompton J, Klebanoff CA, Ji Y, Li P, Yu Z, Whitehill GD, Palmer D, Clever D, Mitra S, Mahadev R, Keyvanfar K, Schrupp D, Wang E, Marincola F, Gattinoni L, Muranski P, Finkel T, Restifo NP. Metabolic-sorting of cells with enhanced stem-like properties for cell therapy. *Cell Metabolism*. 23 (1): 63-76, 2016. (cover article, pmid 26674251)
25. Nesvick CL, Khan NR, **Mehta GU**, Klimo P. Image guidance in ventricular cerebrospinal fluid shunt catheter placement: a systematic review and meta-analysis. *Neurosurgery*. 77 (3): 321-31, 2015. (pmid 26103441)
26. **Mehta GU**, Montgomery BK, Raghavan P, Sharma S, Nieman LK, Patronas N, Oldfield EH, Chittiboina P. Coincident pituitary adenomas in a patient with Cushing's disease demonstrating different imaging characteristics. *Journal of Clinical Neuroscience*. 22 (5): 891-4, 2015. (pmid 25827866)
27. Acquavella N, Clever D, Yu Z, Roelke-Parker M, Palmer DC, Xi L, Pflücke H, Ji Y, Gros A, Hanada KI, Goldlust IS, **Mehta GU**, Klebanoff CA, Crompton JG, Sukumar M, Morrow JJ, Franco Z, Gattinoni L, Liu H, Wang E, Marincola F, Stroncek DF, Lee CC, Raffeld M, Bosenberg MW, Roychoudhuri R, Restifo NP. Type I Cytokines Synergize with Oncogene Inhibition to Induce Tumor Growth Arrest. *Cancer Immunology Research*. 3 (1): 37-47, 2015. (pmid 25358764)
28. **Mehta GU**, Bakhtian KD, Oldfield EH. The effect of primary empty sella syndrome on pituitary surgery for Cushing's disease. *Journal of Neurosurgery*. 121 (3): 518-26, 2014. (pmid 24857241)
29. **Mehta GU**, Sheehan JP, Vance ML. Stereotactic radiosurgery before bilateral adrenalectomy for Cushing's disease reduces the incidence of Nelson's syndrome. *Journal of Neurosurgery*. 119 (6): 1493-7, 2013. (pmid 23952749)
30. Ding D, **Mehta GU**, Liu KC. Pituitary insufficiency from large unruptured supraclinoid internal carotid artery aneurysm. *British Journal of Neurosurgery*. 28 (2): 290-2, 2014. (pmid 23944707)

31. Ding D, **Mehta GU**, Medel R, Liu KC. Utility of intraoperative angiography during subaxial foramen transversarium decompression for bow hunter's syndrome. *Interventional Neuroradiology*. 19 (2): 240-4, 2013. (pmid 23693050)
32. Lu J, Ksendzovsky A, Yang C, **Mehta GU**, Yong RL, Weil RJ, Park DM, Mushlin HM, Fang X, Balgley BM, Lee DH, Lee CS, Lonser RR, Zhuang Z. CNTF receptor subunit α is a marker for glioma cancer stem cells and correlates with tumor grade. *Journal of Neurosurgery*. 117 (6): 1022-31, 2012. (pmid 23061382)
33. Vortmeyer AO, Gläscher S, **Mehta GU**, Abu-Asab MS, Smith JH, Zhuang Z, Collins MT, Oldfield EH. Somatic GNAS mutation causes widespread and diffuse pituitary disease in acromegalic patients with McCune-Albright Syndrome. *Journal of Clinical Endocrinology and Metabolism*. 97 (7): 2404-13, 2012. (pmid 22564667)
34. **Mehta GU**, Oldfield EH. Prevention of intraoperative cerebrospinal fluid leaks by lumbar CSF drainage during transsphenoidal surgery for pituitary macroadenomas. *Journal of Neurosurgery*. 116 (6): 1299-303, 2012. (cover article, pmid 22482793)
35. **Mehta GU**, Lonser RR, Oldfield EH. The history of pituitary surgery for Cushing's disease. *Journal of Neurosurgery*. 116 (2): 261-8, 2012. (pmid 21962161)
36. Asthagiri AR, **Mehta GU**, Butman JA, Baggenstos MA, Oldfield EH, Lonser RR. Long-term stability after multilevel cervical laminectomy for spinal cord tumor resection in von-Hippel Lindau disease. *Journal of Neurosurgery: Spine*. 14 (4): 444-52, 2011. (cover article, pmid 21275550)
37. Wind JJ, Bakhtian KD, Sweet JA, **Mehta GU**, Thawani JP, Asthagiri AR, Oldfield EH, Lonser RR. Long-term outcome after resection of brainstem hemangioblastomas in von Hippel-Lindau disease. *Journal of Neurosurgery*. 114 (5): 1312-8, 2011. (pmid 20932100)
38. Lonser RR, Kindzelski B, **Mehta GU**, Jane J Jr., Oldfield EH. Acromegaly without imaging evidence of pituitary adenoma. *Journal of Clinical Endocrinology and Metabolism*, 95 (9): 4192-6, 2010. (pmid 20610592)
39. **Mehta GU**, Asthagiri AR, Bakhtian KD, Auh S, Oldfield EH, Lonser RR. Functional outcome after surgical resection of spinal cord hemangioblastomas associated with von Hippel-Lindau disease. *Journal of Neurosurgery: Spine*. 12 (3): 233-42, 2010. (cover article, pmid 20192620)
40. Asthagiri AR, **Mehta GU**, Zach L, Li X, Butman JA, Camphausen KA, Lonser RR. Prospective evaluation of radiosurgery for hemangioblastomas in von Hippel-Lindau disease. *Neuro-Oncology*, 12 (1): 80-6, 2010. (pmid 20150370)
41. Lu J, Zhuang Z, Song DK, **Mehta GU**, Ikejiri B, Mushlin H, Park DM, Lonser RR. The effect of a PP2A inhibitor on the nuclear receptor corepressor pathway in glioma. *Journal of Neurosurgery*, 113 (2): 225-233, 2010. (pmid 20001590)
42. **Mehta GU**, Shively SB, Duong H, Tran MGB, Moncrief TJ, Smith J, Li J, Edwards NA, Lonser RR, Zhuang Z, Merrill MJ, Raffeld M, Maxwell PH, Oldfield EH, Vortmeyer AO. Progression of epididymal maldevelopment into hamartoma-like neoplasia in VHL disease. *Neoplasia*. 10 (10):1146-53, 2008. (pmid 18813354)
43. Jagannathan J, Sherman JH, **Mehta GU**, Chin LS. Radiobiology of brain metastases: Applications in stereotactic radiosurgery. *Neurosurgical Focus*. 22 (3): E4, 2007. (pmid 17608357)
44. **Mehta GU**, Shively S, Gläscher S, Bechert CJ, Zhuang Z, Raffeld M, Lonser RR, Oldfield EH, Vortmeyer AO. von Hippel-Lindau disease: Epididymal cystadenoma targeted by metastatic events. *Urology*. 69 (6): 1209.e9-12, 2007. (pmid 17572225)

Invited Reviews, Letters

1. Sheehan JP, **Mehta GU**, Ding D, Trifiletti D. Response: Upfront Gamma Knife radiosurgery for Cushing's disease and acromegaly: is it suitable? (in press)
2. **Mehta GU**, McCutcheon I. Stereotactic radiosurgery for pituitary carcinomas. *Acta Neurochirurgica Supplement*. (in press)

3. **Mehta GU**, Raza SM. Endoscopic endonasal transpterygoid approach to petrous pathologies: technique, limitations and alternative approaches. *Journal of Neurosurgical Sciences*. 62(3): 339-346, 2018. (pmid 29327863)
4. **Mehta GU**, Oldfield EH. Response: CSF leak in transsphenoidal surgery. *Journal of Neurosurgery*. 123(4): 1109-10, 2015 (pmid 26697604)
5. **Mehta GU**, Oldfield EH. Response: Lumbar drains in transsphenoidal surgery. *Journal of Neurosurgery*. 118 (2): 481, 2013. (pmid 23495374)
6. **Mehta GU**, Jane J Jr. Pituitary tumors. *Current Opinion in Neurology*. 25(6);751-5, 2012. (pmid 23108246)
7. **Mehta GU**, Lonser RR, Oldfield EH. Response: Cushing disease. *Journal of Neurosurgery*. 116 (5): 1168, 2013. (pmid 22424567)
8. **Mehta GU**, Heiss JD, Park JK, Asthagiri AR, Zaghoul KA, Lonser RR. Neurological Surgery at the National Institutes of Health. *World Neurosurgery*, 74 (1): 49-59, 2010. (pmid 21278842)

Book Chapters

1. **Mehta GU**, Kumar J, Patibandala MR, Sheehan JP. Role of stereotactic radiosurgery in the management of skull base meningiomas. In Cappabianca P, Solari D. (eds): *Meningiomas of the Skull Base*. Thieme, New York. 2018 49-53 (ISBN-13 978-3132412866)
2. Smith L, **Mehta GU**, Lonser RR. Evolution of pituitary surgery and the transsphenoidal approach. In Laws ER, Cohen-Gadol AA, Schwartz TH, Sheehan JP. (eds): *Transsphenoidal Surgery-Complication Avoidance and Management Techniques*. Springer, Berlin. 1-9, 2017 (978-3319566917)
3. **Mehta GU**, Sheehan JP. Radiation therapy and stereotactic radiosurgery for large vestibular schwannomas. In Link MJ. (ed): *Comprehensive Management of Acoustic Neuroma*. Thieme, New York. (in press)
4. **Mehta GU**, Jane J Jr. Pituitary tumors. In Cohen AR. (ed): *Pediatric neurosurgery: Tricks of the trade*. Thieme, New York. 473-7, 2015 (ISBN-13 978-1604068696)
5. **Mehta GU**, Jane J Jr., Oldfield EH. Complete resection of craniopharyngiomas. In Kenning T, Evans J. (eds): *Craniopharyngiomas: A Comprehensive Guide to Diagnosis, Treatment, and Outcome*. Academic Press, Philadelphia. 545-54, 2015 (ISBN-13 978-0124167063)
6. **Mehta GU**, Jane J Jr. Pure endoscopic transsphenoidal surgery. In Laws ER Jr, Ezzat S, Asa SL, Rio LM (eds): *Pituitary Disorders: Diagnosis and Management*. Wiley-Blackwell, Oxford. 243-5, 2013. (ISBN-13 978-0470672013)
7. **Mehta GU**, Lonser RR. Convection-enhanced delivery. In Keating RF, Goodrich JT, Packer RJ (eds): *Tumors of the Pediatric Central Nervous System*. Thieme, New York. 153-8, 2013. (ISBN-13 978-1604065466)
8. **Mehta GU**, Lonser RR. Spinal cord hemangioblastomas: surgical management. In Hayat MA. (ed): *Tumors of the Central Nervous System, Volume 6*. Springer, Heidelberg. 127-34, 2012. (ISBN-13 978-9400728653)

Oral Presentations (National or Regional)

1. **Mehta GU**. Outcomes of surgical management of sinonasal malignancies involving the anterior skull base. North American Skull Base Society Annual Meeting, Orlando, FL, February 2019 (accepted).
2. **Mehta GU**. Repeat Stereotactic radiosurgery for Cushing's disease: Outcomes of an International, Multicenter Study. American Association of Neurological Surgeons Annual Meeting, New Orleans, LA, May 2018.
3. **Mehta GU**, Malekzadeh P, Shelton T, White DE, Butman JA, Yang JC, Kammula US, Goff SL, Rosenberg SA, Sherry RM. Outcomes of adoptive cell transfer with tumor-infiltrating lymphocytes for metastatic melanoma patients with and without brain metastases. American Association of Neurological Surgeons Annual Meeting, New Orleans, LA, May 2018.

4. **Mehta GU**. Adoptive cell transfer with tumor infiltrating lymphocytes for patients with melanoma brain metastases. Department of Neurosurgery Grand Rounds, St. Michaels Hospital, University of Toronto, Toronto, ON, March 2018.
5. **Mehta GU**, Ding D, Patibandla MR, Kano H, Sisterson N, Su Y-H, Krsek M, Nabeel AM, El-Shehaby A, Kareem KA, Martinez-Moreno N, Mathieu D, McShane B, Blas K, Kondziolka D, Grills I, Lee JY, Martinez-Alvarez R, Reda WA, Liscak R, Lee C-C, Lunsford LD, Vance ML, Sheehan JP. Stereotactic radiosurgery for Cushing's Disease: Results of an international, multicenter study. North American Skull Base Society Annual Meeting, San Diego, CA, February 2018.
6. **Mehta GU**. Adoptive Cell Transfer with Tumor Infiltrating Lymphocytes for Patients with Melanoma Brain Metastases. Department of Neurosurgery Grand Rounds, Johns Hopkins Hospital, Baltimore, MD, January 2018.
7. **Mehta GU**, Zenonos GA, Patibandala MR, Lin CJ, Wolf AM, Grills IS, Mathieu D, McShane B, Lee JYK, Blas K, Kondziolka D, Lee C, Lunsford LD, Sheehan JP. Outcomes of stereotactic radiosurgery for foramen magnum meningiomas: an international multicenter study. Congress of Neurological Surgeons Annual Meeting, Boston, MA, October 2017.
8. **Mehta GU**, Walker III RL, Brewer C, King K, Zalewski C, Scott G, Benzo S, Asthagiri A, Butman J, Kim J, Chittiboina P. Hearing loss is more strongly associated with protein accumulation in the labyrinth than with vestibular schwannoma growth in small tumors: A prospective natural history study of Neurofibromatosis Type 2. North American Skull Base Society Annual Meeting, New Orleans, LA, March 2017.
9. **Mehta GU**, Sizardkhani S, Smith C, Hayes C, Smart D, Chittiboina P. Preclinical study and translational application of concurrent radiotherapy and valproic acid for intracranial hemangioblastomas in sporadic hemangioblastomatosis. AANS/CNS Tumor Section Satellite Symposium, San Diego, CA, September 2016.
10. **Mehta GU**, Sukumar M, McGavern DB, Restifo NP. PD-1 blockade reverts motility arrest of transferred tumor-infiltrating CD8+ T cells in adoptive cell transfer immunotherapy. American Association of Immunologists Annual Meeting, New Orleans, May 2015.
11. **Mehta GU**, Oldfield EH. The effect of primary empty sella syndrome on pituitary surgery for Cushing's disease. Neurosurgical Society of the Virginias Annual Meeting, White Sulphur Springs, WV, January 2014.
12. **Mehta GU**, Oldfield EH. Prevention of intraoperative cerebrospinal fluid leaks by lumbar CSF drainage during transsphenoidal surgery for pituitary macroadenomas. Neurosurgical Society of the Virginias Annual Meeting, White Sulphur Springs, WV, January 2012.
13. **Mehta GU**, Oldfield EH. The early history of pituitary surgery for Cushing's disease. American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, May 2010.
14. **Mehta GU**, Asthagiri AR, Lonser RR. Prospective evaluation of stereotactic radiosurgery for central nervous system hemangioblastomas in von Hippel-Lindau disease. Neurosurgical Society of the Virginias Annual Meeting, White Sulphur Springs, WV, January 2009.

Selected Abstracts

1. **Mehta GU**, Kindzelski BA, Ray-Chaudhury A, Vortmeyer AO, Dickerman R, Oldfield EH, Lonser RR. Surgical management of Carney Complex-associated pituitary pathology. Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 2016.
2. **Mehta GU**, Smith C, Hayes C, Smart D, Chittiboina P. Treatment of Hemangioblastomatosis Using a Novel Adjuvant Regimen of Concurrent Fractionated Radiotherapy and Valproic Acid. American Association of Neurological Surgeons Annual Meeting, Chicago, IL, May 2016.
3. **Mehta GU**, Ho SC, Heiss JD. Unilateral vestibular schwannoma in a family with familial schwannomatosis. American Association of Neurological Surgeons Annual Meeting, Washington, DC, May 2015.

4. **Mehta GU**, Oldfield EH. The effect of primary empty sella syndrome on pituitary surgery for Cushing's disease. American Association of Neurological Surgeons Annual Meeting, San Francisco, CA, April 2014.
5. **Mehta GU**, Sheehan JP, Vance ML. Stereotactic radiosurgery before bilateral adrenalectomy for Cushing's disease reduces the incidence of Nelson's syndrome. Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, October 2013.
6. **Mehta GU**, Oldfield EH. Prevention of intraoperative cerebrospinal fluid leaks by lumbar CSF drainage during transsphenoidal surgery for pituitary macroadenomas. American Association of Neurological Surgeons Annual Meeting, Miami, FL, April 2012.
7. **Mehta GU**, Kindzelski BA, Jane JA, Lonser RR, Oldfield EH. Acromegaly without imaging evidence of pituitary adenoma. Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, October 2010.
8. **Mehta GU**, Asthagiri AR, Bakhtian KD, Oldfield EH, Lonser RR. Surgical management of spinal cord hemangioblastomas in von Hippel-Lindau disease. Congress of Neurological Surgeons Annual Meeting, New Orleans, LA, October 2009.
9. **Mehta GU**, Vortmeyer AO, Gläscher S, Lie J, Zhuang Z, Collins MT, Oldfield EH. Non-tumorous pituitary gland disease in acromegalic patients with McCune-Albright syndrome. American Association of Neurological Surgeons Annual Meeting, Washington, DC, April 2007.

Invited Panelist/Lecturer

1. Clinical guidelines – Round table discussion. International VHL Medical/Research Symposium, Houston, TX, October 2018.