

CURRICULUM VITAE**ALI MAHTA, MD****Current Position:** Associate Professor of Neurology and Neurosurgery at Brown University**Business Address:** Department of Neurology
Rhode Island Hospital
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Providence, RI 02903**Tel:** 401-444-6478**Fax:** 401-606-8555**Email:** ali.mahta@lifespan.org
ali_mahta@brown.edu**EDUCATION**1996–2003 MD, *Summa Cum Laude*, Combined Undergraduate/MD Degree
Tehran University of Medical Sciences**POSTGRADUATE TRAINING**

2003-2007 Neurosurgery Resident/Post-doctoral Research Fellow
Shariati Hospital, Tehran University of Medical Sciences

2007-2008 Research Fellow in Neuroendocrinology
Massachusetts General Hospital, Harvard Medical School

2008-2009 Research Fellow in Neurosurgery
Louisiana State University Health Sciences Center-New Orleans

2009–2010 Clinical Spine Fellowship, Department of Neurosurgery
Lewis Katz School of Medicine of Temple University

2010-2011 Research Fellow in Neuro-oncology
Department of Neurosciences, UC San Diego

2011–2012 Internship in Internal Medicine (Preliminary-PGY1)
Temple University Hospital, Lewis Katz School of Medicine of Temple University

2012–2015 Resident in Neurology
Temple University Hospital, Lewis Katz School of Medicine of Temple University

2015–2017 Clinical Fellow in Neurocritical Care
Columbia University Medical Center/Weill Cornell Medical College

POSTGRADUATE HONORS AND AWARDS

2006 Tehran University Grant for Brain Tumor Research

2011 2nd place - American College of Physicians' Abstract at Pennsylvania Southwestern Annual ACP meeting

2011 Travel Award to attend American College of Physician's National Meeting

2012 Outstanding PGY1 "**Intern of the Year**" Award, Department of Medicine, Temple University School of Medicine

2013 Neurology Residency In-service Training Exam (RITE): **100 percentile ranking score** among all PGY2's

6/2014 **Matthew T. Moore Award**: Best Research Presentation at 12th Annual Neurology

6/2014 Conference, Temple University, Philadelphia, PA
Resident Excellence in Teaching Award: Temple University Hospital
 2014 Neurology Residency In-service Training Exam (RITE): **100 percentile ranking score for all examinees nationwide**

6/2015 **Matthew T. Moore Award:** Best Research Presentation at 13th Annual Neurology Conference, Temple University, Philadelphia, PA

6/2015 **Resident Excellence in Teaching Award:** Temple University Hospital
 6/2015 **Neurology Chief Resident** Certificate for academic year 2014-2015
 2015 Neurology Residency In-service Training Exam (RITE): **100 percentile ranking score for all examinees nationwide**

3/2019 Interviewed by both American Heart Association and Emphysema Foundation for article in Stroke (lead author)

6/2021 **Dean's Excellence in Teaching Award:** Brown University, Academic Year 2020-2021
 10/2021 **Cristanne Wijman Young Investigation Award** for research presentation at the Neurocritical Care Society annual meeting in Chicago (**senior author**)

3/2022 Awarded by **Brown Physicians Incorporated Academic Assessment Grant** Program (**\$50,000**)

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

10/2003 Iran Medical License, No: 100108
 6/2007 Partners Program in the Responsible Conduct of Research
 6/2008 Research Fellowship Certificate from Harvard Medical School/Massachusetts General Hospital

6/2010 Neurosurgery Spine Fellowship certificate, Temple University
 2011–2016 Pennsylvania State Medical License, No: MD453400; MT196067
 2015-Present **ABPN Neurology Board Certificate (#59575)**
 2015-2018 New York State Medical License, No# 278880
 2015-Present **DEA# FA5095066**
 2017-Present **UCNS Neurocritical Care Board Certificate** (NO: NCC1493-17)
 2017- Present Rhode Island State Medical License (MD15746)
 2018 Collaborative Institutional Training Initiative (**CITI**) Re-certified
 2018 **ENLS** (Emergency Neurological Life Support) Re-certified (Initial certificate 3/2015)
 2021 **BLS/ACLS** Re-certified

ACADEMIC APPOINTMENTS

2017–2022 Assistant Professor of Neurology and Neurosurgery
 Alpert Medical School of Brown University
 2022-Present Director, Sub-Internship in Neurocritical Care (Neuro-3775), Alpert Medical School of Brown University
 2022-Present Director, Elective in Neurocritical Care (Neuro-3776), Alpert Medical School of Brown University
 2023-Present Associate Professor of Neurology and Neurosurgery
 Alpert Medical School of Brown University

HOSPITAL APPOINTMENTS

2014-2015 Neurology Chief Resident
 Lewis Katz School of Medicine of Temple University

2015–2017 Assistant Attending in Neurology
Columbia University Medical Center/Weill Cornell Medical College
2017–Present Attending Neurointensivist, Division of Neurocritical Care, Departments of Neurology
and Neurosurgery, Rhode Island Hospital

Ad Hoc Reviewer:

2016–Present *Neurology*
2018–Present *Stroke*
2018–Present *Hypertension*
2020–Present *Journal of Cardiology and Clinical Research*
2020–Present *Journal of the American College of Cardiology*
2021–Present *Journal of Stroke and Cerebrovascular Diseases*
2021–Present *Neurohospitalist*
2021–Present *Headache*
2021–Present *Journal of Clinical Medicine*
2021–Present *BMC Neurology*
2021–Present *International Journal of Environmental Research and Public Health*
2021–Present *Front Neurol*
2022–Present *Annals of Medicine*
2022–Present *Nature Scientific Report*
2022–Present *International Journal of Emergency Medicine*
2022–Present *Stroke: Vascular and Interventional Neurology*
2022–Present *Front Oncol*
2022–Present *Journal of Inflammation Research*
2022–Present *International Journal of Molecular Sciences*
2022–Present *Biomedicines*
2022–Present *Neurosurgical Review*
2022–Present *International Medical Case Report Journal*

2022 Invited to be the **Guest Editor** in a special issue in “Biomedicines”

HOSPITAL COMMITTEES

2017–Present Comprehensive Stroke Center Executive Committee, Brown
Neurology, Rhode Island Hospital,
2017–Present Neurocritical Care Unit Council, Departments of Neurology and
Neurosurgery, Rhode Island Hospital
2018–Present Lifespan Stroke Center EPIC Committee, Rhode Island Hospital
2018–Present Neurocritical Care Quality Improvement Committee, Rhode Island Hospital

UNIVERSITY COMMITTEES

2018–Present Neurocritical Care Faculty Search Committee, Alpert Medical School of Brown University
2019–Present Vascular Neurology Faculty Search Committee, Alpert Medical School of Brown
University

MEMBERSHIP IN SOCIETIES AND NATIONAL COMMITTEES

2003–Present Iran Medical Council, Role: member

2009-Present American Association of Neurological Surgeons, Role: member
2011-Present American College of Physicians, Role: member
2012-Present American Academy of Neurology, Role: member
2015-Present Neurocritical Care Society, Role: member
2015-Present Society of Critical Care Medicine, Role: member
2015-Present American Heart Association/American Stroke Association, Role: member
2017-Present Rhode Island Neurological Society, Role: member
2018-Present Neurocritical Care Abstract Review Committee (invited to review abstracts for annual meeting)
2020-Present Neurocritical Care Board Question Bank Review Committee of Neurocritical Care Society, Role: member

PUBLICATIONS

ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS (*published and indexed in PubMed plus In Press*)

(2207 citations on Google Scholar; H-index:17)

Google Scholar link: <https://scholar.google.com/citations?user=Plj8BogAAAAJ&hl=en>

PubMed link: <https://pubmed.ncbi.nlm.nih.gov/?term=mahta+a>

1. Baumgartner K, Meyer A, Mandel D, Moody S, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (*senior and corresponding author*)**. Radiographic predictors of aneurysmal etiology in patients with aneurysmal pattern subarachnoid hemorrhage. *J Neurosurg.* (In Press)
2. Meyer A, Forman E, Moody S, Stretz C, Potter NS, Subramaniam T, Top I, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (*senior and corresponding author*)** Cisternal Score (CISCO): A Radiographic Score to Predict Ventriculoperitoneal Shunt Requirement in Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery* (In Press)
3. Shu L, Havenon A, Liberman AL, Henninger N, Goldstein E, Reznik ME, **Mahta A**, Al-Mufti F, Frontera J, Furie K, Yaghi S. Trends in Venous Thromboembolism Readmission Rates after Ischemic Stroke and Intracerebral Hemorrhage. *J Stroke.* 2023 Jan 3. PMID: 36592970
4. Shah AH, Snow R, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (*senior and corresponding author*)**. Association of hemoglobin trend and outcome in aneurysmal subarachnoid hemorrhage: a single center cohort study. *J Clin Neurosci.* 2022 Dec 13;107:77-83. PMID: 36521368
5. Shamshad A, Persad-Paisley EM, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (*senior and corresponding author*)**. Association of asymptomatic cerebral vasospasm and outcomes in aneurysmal subarachnoid hemorrhage. *J Stroke and Cerebrovasc Dis.* 2022 Oct 11;31(12):106821. PMID: 36240674
6. Persad-Paisely EM, Shamshad A, Stretz C, Potter NS, Wendell LC, Thompson BB, Furie KL, Reznik ME, **Mahta A. (*senior and corresponding author*)**. Association of Preadmission Anti-hypertensive Agents and Outcomes in Aneurysmal Subarachnoid Hemorrhage. *J Clin Neurosci.* 2022 Jul 19;103:119-123. PMID: 35868228

7. Mandel D, Moody S, Pan K, Subramaniam T, Thompson BB, Wendell LC, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)** A Quantitative Model to Differentiate Perimesencephalic Subarachnoid Hemorrhage from Aneurysmal Etiology. *J Neurosurg* 2022 May 6: 1-8. PMID: 35523263
8. Lin N, Mandel D, Chuck CC, Kalagara R, Doelfel SR, Zhou H, Dandapani H, Mahmoud L, Stretz C, Wendell LC, Thompson BB, Furie KL, **Mahta A**, Reznik ME. Risk Factors for Opioid Utilization in Patients with Intracerebral Hemorrhage. *Neurocrit Care* 2021 Dec 20, PMID: 34931281
9. Mahmoud L, Zullo AR, Blake C, Dai X, Thompson BB, Wendell LC, Furie KL, Reznik ME, **Mahta A. (senior and corresponding author)** Safety of Modified Nimodipine Dosing in Aneurysmal Subarachnoid Hemorrhage. *World Neurosurg.* 2021 Nov 11:S1878-8750(21)01716-2. doi: 10.1016/j.wneu.2021.11.016. Epub ahead of print. PMID: 34775086.
10. **Mahta A**, Reznik ME, Thompson BB, Wendell LC, Furie KL. *In Reply to the Letter to the Editor Regarding "Association of Early White Blood Cell Trend with Outcomes in Aneurysmal Subarachnoid hemorrhage"*. *World Neurosurg.* 2021 Oct; 154:205 PMID: 34583497
11. Chung DY, Thompson BB, Kumar MA, **Mahta A**, Rao SS, Lai JH, Tadevosyan A, Kessler K, Locascio JJ, Patel AB, Mohamed W, DaiWai MO, John S, Rordorf GA. Association of External Ventricular Drain Wean Strategy with Shunt Placement and Length of Stay in Subarachnoid Hemorrhage: A Prospective Multicenter Study. *Neurocrit Care.* 2021 Sep 8. PMID: 34498207
12. Doelfel SR, Kalagara R, Han EJ, Chuck CC, Dandapani H, Stretz C, **Mahta A**, Wendell LC, Thompson BB, Yaghi S, Furie KL, Madsen TE, Reznik ME. Gender Disparities in Stroke Code Activation in Patients with Intracerebral Hemorrhage. *J Stroke Cerebrovasc Dis.* PMID: 34560379
13. Reznik ME, Margolis SA, **Mahta A**, Wendell LC, Thompson BB, Stretz C, Rudolph JL, Boukrina O, Barrett AM, Daiello LA, Jones RN, Furie KL. The impact of delirium on outcomes after intracerebral hemorrhage. *Stroke* 2022 Feb;53(2):505-513. PMID: 34607468
14. Dakay KB, Azher I, **Mahta A**, Furie K, Yaghi S, Cutting SM. Multifocal Atraumatic Convexity Subarachnoid Hemorrhage. *Cureus* 13(7): e16091. doi:10.7759/cureus.16091.PMID: 34345565
15. **Mahta A**, Anderson MN, Azher AI, Mahmoud LN, Dakay K, Abdulrazeq H, Abud A, Moody S, Reznik ME, Yaghi S, Thompson BB, Wendell LC, Rao SS, Potter NS, Cutting S, Mac Grory B, Stretz C, Doberstein CE, Furie KL. Short- and Long-term opioid use in patients with aneurysmal subarachnoid hemorrhage. *Clin Neurol Neurosurg.* 2021 Jun 22;207:106770. doi: 10.1016/j.clineuro.2021.106770.
16. **Mahta A**, Murray K, Reznik ME, Thompson BB, Wendell L, Furie KL. Early Neurological Changes and Interpretation of Clinical Grades in Aneurysmal Subarachnoid Hemorrhage. *J Stroke Cerebrovasc Dis.* 2021 Jun 22;30(9):105939. doi: 10.1016/j.jstrokecerebrovasdis.2021.105939.
17. **Mahta A**, Azher AI, Moody S, Spinney M, Andrews N, Chen J, Dakay KB, Dai X, Reznik ME, Thompson BB, Wendell LC, Rao SS, Potter NS, Stretz C, Burton T, Cutting S, Furie KL. Association of Early White Blood Cell Trend with Outcomes in Aneurysmal Subarachnoid hemorrhage. *World Neurosurg.* 2021 May 5: 1878-8750 (21) 00667-7. PMID: 33964501
18. Reznik ME, Kalagara R, Moody S, Drake J, Margolis SA, Cizginer S, **Mahta A**, Rao SS, Stretz C, Wendell LC, Thompson BB, Asaad WF, Furie KL, Jones RN, Daiello LA. Common biomarkers of physiologic stress and associations with delirium in patients with intracerebral hemorrhage. *J Crit Care.* 2021 Mar 23; 64:62-67. PMID: 33794468

19. Reznik ME, Moody S, Murray K, Costa S, Mac Grory B, Madsen T, **Mahta A**, Wendell L, Thompson BB, Rao S, Stretz C, Sheth K, Hwang D, Zahuranec D, Schrag M, Daiello L, Asaad W, Jones R, and Furie K. The Impact of Delirium on Withdrawal of Life-Sustaining Treatment after Intracerebral Hemorrhage. *Neurology*, 2020 September 10. PMID: 32913011
20. Miller MM, Dakay K, Henninger N, Mayasi Y, **Mahta A**, Yakhkind A, Hannoun A, Thompson BB, Wendell LC, Carandang R. Association of dexamethasone with shunt requirement, early disability and medical complications in aneurysmal subarachnoid hemorrhage. *Neurocrit Care* 2020 August 26. PMID: 32851604
21. Reznik ME; Fakhri N, Moody S, Murray K, Costa S, Yaghi S, Schrag M, Burton TM, Cutting S, **Mahta A**, Wendell LC, Thompson BB, Rao SS, Furie KL, Mac Grory B. Arrival Blood Pressure in Hypertensive and Non-Hypertensive Spontaneous Intracerebral Hemorrhage. *J Neurol Sci*, 2020 June 19; 416:117000. PMID: 32593888
22. Reznik ME, Drake J, Margolis SA, **Mahta A**, Wendell LC, Thompson BB, Rao SS, Daiello LA, Furie KL, Jones RN. The authors reply: Diagnosing Delirium in Neurocritically Ill Patients *Crit Care Med.* 2020 Jul;48(7):e636-e637. PMID: 32568921
23. **Mahta A**, Yaghi S, Reznik ME, Thompson BB, Wendell LC, Rao S, Potter NS, Dakay KB, Cutting S, Mac Grory B, Burton T, Saad A, Sacchetti DC, Stretz C, El Jamal S, Mahmoud LN, Moody S, Murray K, Costa S, Sellke FW, Kamel H, Furie KL. Serum alpha-1 antitrypsin in acute ischemic stroke: A prospective pilot study. *J Clin Neurosci.* 2020 Apr 20. PMID: 32327380
24. Reznik ME, Daiello LA, Thompson BB, Wendell LC, **Mahta A**, Potter NS, Yaghi S, Levy MM, Fehnel CR, Furie KL, Jones RN. Fluctuations of consciousness after stroke: Associations with the confusion assessment method for the intensive care unit (CAM-ICU) and potential undetected delirium. *J Crit Care.* 2019 Dec 10; 56:58-62. PMID: 31855707
25. Reznik ME, Drake J, Margolis SA, Moody S, Murray K, Costa S, **Mahta A**, Wendell LC, Thompson BB, Rao S, Barret AM, Boukrina O, Daiello LA, Asaad WF, Furie KL, Jones RN. Deconstructing Post-Stroke Delirium in a Prospective Cohort of Patients with Intracerebral Hemorrhage. *Crit Care Med.* 2019 Sep 25. PMID: 31567406
26. Montalvo M, Mistry E, Chang AD, Yakhkind A, Dakay K, Azher I, Kaushal A, Mistry A, Chitale R, Cutting S, Burton T, Mac Grory B, Reznik M, **Mahta A**, Thompson BB, Ishida K, Frontera J, Riina HA, Gordon D, Parella D, Scher E, Farkas J, McTaggart R, Khatri P, Furie KL, Jayaraman M, Yaghi S. Predicting symptomatic intracranial haemorrhage after mechanical thrombectomy: the TAG score. *J Neurol Neurosurg Psychiatry.* 2019 Dec. 90(12):1370-1374. PMID: 31427365
27. Johnston KC, Bruno A, Pauls Q, Hall CE, Barrett KM, Barsan W, Fansler A, Van de Bruinhorst K, Janis S, Durkalski-Mauldin VL; **Neurological Emergencies Treatment Trials Network and the SHINE Trial Investigators.** Intensive vs Standard Treatment of Hyperglycemia and Functional Outcome in Patients with Acute Ischemic Stroke: The SHINE Randomized Clinical Trial. *JAMA.* 2019 Jul 23;322(4):326-335. PMID: 31334795
28. Dakay K, **Mahta A**, Rao S, Reznik ME, Wendell L, Thompson BB, Yaghi S, Furie K, Cutting S. Atraumatic Convexity Subarachnoid Hemorrhage: Clinical Features and Yield of Diagnostic Imaging. *Journal of Neurointerventional Surgery* 2019 Dec; 11(12):1222-1226. PMID: 31076550
29. **Mahta A**, Merkler AE, Reznik ME, Burch J, Yaghi S, Sellke F, Furie KL, Kamel H. Emphysema: A potential risk factor for subarachnoid hemorrhage and ruptured aortic aneurysms. *Stroke.* 2019 April 50(4):992-994. PMID: 30885079
30. Azher I, Kaushal A, Chang A, Cutting S, Mac Grory B, Burton T, Dakay K, Thompson B, Reznik M, Wendell L, Potter NS, **Mahta A**, Rao S, Paciaroni M, Elkind MSV, Jayaraman M, Atalay M, Furie K, Yaghi S. Serum Troponin Level in Acute Ischemic Stroke Identifies Patients with Visceral Infarcts. *J Stroke Cerebrovasc Dis.* 2019 May; 28(5):1173-1177. PMID: 30665837

31. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, Mac Grory BC, Burton TM, Cutting SM, Siket MS, Madsen TE, Thompson BB, Wendell LC, **Mahta A**, Potter NS, Furie KL. Baseline NIH Stroke Scale is an inferior predictor of functional outcome in the era of acute stroke intervention. *Int J Stroke*. 2018 Jan 1;1747493018783759. PMID: 29956598
32. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, Mac Grory BC, Burton TM, Cutting SM, Thompson BB, Wendell LC, **Mahta A**, Potter NS, Daiello LA, Kosar CM, Jones RN, Furie KL. Level of consciousness at discharge and associations with outcome after ischemic stroke. *J Neurol Sci*. 2018 July 15; 390:102-7. PMID: 29801867
33. Johnston SC, Easton JD, Farrant M, Barsan W, Conwit RA, Elm JJ, Kim AS, Lindblad AS, Palesch YY; Clinical Research Collaboration, Neurological Emergencies Treatment Trials Network, and **the POINT Investigators**. Clopidogrel and Aspirin in Acute Ischemic Stroke and High-Risk TIA. *N Engl J Med*. 2018 Jul 19; 379(3):215-225. PMID: 29766750
34. Miranda C, **Mahta A**, Wheeler LA, Tsiouris AJ, Kamel H. Tension pneumocephalus mimicking septic shock: a case report. *Radiol Case Rep*. 2017 Nov 7; 13(1):241-243. PMID: 29487661
35. James B, Chang AD, McTaggart RA, Hemendinger M, Mac Grory B, Cutting SM, Burton TM, Reznik ME, Thompson B, Wendell L, **Mahta A**, Siket M, Madsen TE, Sheth KN, Nouh A, Furie KL, Jayaraman MV, Khatri P, Yaghi S. Predictors of symptomatic intracranial haemorrhage in patients with an ischaemic stroke with neurological deterioration after intravenous thrombolysis. *J Neurol Neurosurg Psychiatry*. 2018 Aug; 89(8):866-869. PMID: 29487169
36. Reznik ME, **Mahta A**, Schmidt JM, Frey HP, Park S, Roh DJ, Agarwal S, Claassen J. Duration of Agitation, Fluctuations of Consciousness, and Associations with Outcome in Patients with Subarachnoid Hemorrhage. *Neurocrit Care*. 2018 Jan 8. PMID: 29313314
37. Reznik ME, Merkler AE, **Mahta A**, Murthy SB, Claassen J, Kamel H. Long term risk of seizures in survivors of sepsis. *Neurology*. 2017 Oct 3; 89(14):1476-1482. PMID: 28878047
38. Reznik ME, Schmidt JM, **Mahta A**, Agarwal S, Roh DJ, Park S, Frey HP, Claassen J. Agitation After Subarachnoid Hemorrhage: A Frequent Omen of Hospital Complications Associated with Worse Outcomes. *Neurocrit Care*. 2016 Dec 22. PMID: 28008563
39. **Mahta A**, Katz PM, Kamel H, Azizi S.A. Intracerebral hemorrhage with intraventricular extension without hydrocephalus may not increase mortality or severe disability. *J Clin Neurosci*. 2016 March 10. PMID: 26972705
40. Ansari R, **Mahta A**, Mallack E, Luo JJ. Hyperhomocysteinemia and neurologic disorders: a Review. *J Clin Neurol*. 2014 Oct; 10(4):281-8. PMID: 25627960
41. **Mahta A**, Borys E, Vandenberg SR, Carter B, Kesari S. 72 year old female with leg weakness. *Brain Pathol*. 2014 Mar;24(2):195-6. PMID: 25121191
42. **Mahta A**, Du Z, Borys E, Carter B, Vandenberg SR, Kesari S. 78 year old male with Dysphagia and dysarthria. *Brain Pathol*. 2013 Nov;23(6):705-6. PMID: 24118489
43. **Mahta A**, Kim RY, Saad AG, Kesari S. 47-year old man with left leg numbness. *Brain Pathol*. 2013 Mar;23(2):223-4. PMID: 23432649
44. Rosenberg J, **Mahta A**, Koppula K, Borys E, Kesari S. Cyclophosphamide responsive primary angiitis of the CNS in a 61-year-old female. *Clin Neuropathol*. 2012 Sep 24. PMID: 23006473
45. Srinivasan S, **Mahta A**, Kesari S. Cardioembolic stroke following a fractured transeptal wire. *QJM*. 2012 May 29. PMID: 22645378
46. **Mahta A**, Buhl R, Huang H, Jansen O, Kesari S, Ulmer S. Sellar and supra-sellar glioblastoma masquerading as a pituitary macroadenoma. *Neurol Sci*. 2012 May 9. PMID: 22569569
47. Fan X, **Mahta A**, De Jager PL, Kesari S. Rituximab for tumefactive inflammatory demyelination. *Clin Neurol Neurosurg*. 2012 Apr 2. PMID: 22475882
48. **Mahta A**, Hu A, Kim RY, Kesari S. Decompensated Chronic Congenital Hydrocephalus. *Acta Neurol Belg*. 2011 Dec;111(4):373. PMID: 22368987

49. Kanamedalla MR, **Mahta A**, Kesari S. Late Temporal Lobe Necrosis after Conventional Radiotherapy for Carcinoma of Maxillary Sinus. *Med Oncol.* 2012 Jan 15. PMID: 22246565
50. Cai P, **Mahta A**, Kim RY, Kesari S. Paranglioma with intracranial metastasis: Case report. *Neurol Sci*, 2012 Dec 21. PMID: 22187335
51. **Mahta A**, Kaasam S, Kesari S. Ischemic stroke appearing as a tumor. *Transl Neurosci.* 2012; 3 (3) 303-4. PMID: 22645378
52. **Mahta A**, Vijayvergia N, Bhavsar T, Ward LD. Diagnostic approach to a patient with paraneoplastic neurological syndrome. *World J Oncol.* 2012 Oct. 3(5). 243-246. PMID: 29147315
53. Li JC, **Mahta A**, Kim RY, Saria M, Kesari S. Cerebral syphilitic gumma: case report and review of the literature. *Neurol Sci* 2011 Dec 14. PMID: 22167653
54. **Mahta A**, Kim RY, Brown T, Kesari S. Levetiracetam induced interstitial nephritis in a glioma patient. *J Clin Neurosci* 2011 Nov 7. PMID: 22071460
55. **Mahta A**, Kim RY, Kesari S. Radiation induced myelopathy in a patient with tongue cancer: a case report. *Acta Oncol* 2011 Nov 7. PMID: 22060135
56. **Mahta A**, Kesari S. Blues of Minocycline. *QJM* 2013 Jan;106(1):77. PMID: 22052957
57. **Mahta A**, Kesari S. Greens of lead. *QJM* 2012 Dec;105(12):122. PMID: 22052958
58. **Mahta A**, Borys E, Kim RY, Kesari S. Cerebellar glioneuronal tumor: A case report and review of the literature. *Med Oncol* 2011 Oct 13. PMID: 21993631
59. **Mahta A**, Kim RY, Kesari S. Progressive Multifocal Leukoencephalopathy with Wallerian degeneration. *Eur Neurol* 2011 Sep 29; 66(4):242. PMID: 21967919
60. **Mahta A**, Kim RY, Qu Y, Saria M, Nastic D, Sundstrom M, Santagata S, Friedlander R, Wen PW, Kesari S. Relapsing tumefactive lesion in an adult with medulloblastoma after stem cell transplantation. *Pathol Oncol Res* 2011 Sep 28. PMID: 21953324
61. Zeng X, **Mahta A**, Kim RY, Saad AG, Kesari S. Refractory seizures due to a dural-based cavernoma masquerading as a meningioma. *Neurol Sci* 2011 Sep 15. PMID: 21918878
62. **Mahta A**, Kim RY, Fanta PT, Lawson JD, Kesari S. Leptomeningeal Metastasis from Appendiceal Adenocarcinoma: Case Report and Literature Review. *J Gastrointest Cancer.* 2011 Aug 9. PMID: 21826409
63. **Mahta A**, Kim RY, Kesari S. Fourth Ventricular Choroid Plexus Papilloma. *Med Oncol.* 2011 Jun 1. PMID: 21630054
64. Zhang M, **Mahta A**, Kim RY, Akar S, Kesari S. Durable remission of leptomeningeal metastases from hormone-responsive prostate cancer. *Med Oncol.* 2011 Mar 20. PMID: 21424585
65. Hu XQ, Imitola J, Kim RY, **Mahta A**, Kesari S. Brain metastasis from ovarian cancer: case report and review of the literature. *Med Oncol.* 2011 Mar 6. PMID: 21380785
66. Zhang X., Gejman R, **Mahta A**, Zhong Y, Rice K, Zhou Y, Cheunsuchun P, Louis DN, Klibanski A. Maternally Expressed Gene 3, an imprinted non-coding RNA gene, is associated with meningioma pathogenesis and progression. *Cancer Res.* 2010 Mar 15;70(6):2350-8. PMID: 20179190
67. Cui JG, Zhao Y, Sethi P, Li YY, **Mahta A**, Culicchia F, Lukiw WJ. Micro-RNA-128 (miRNA-128) down-regulation in glioblastoma targets ARP5 (ANGPTL6), Bmi-1 and E2F-3a, key regulators of brain cell proliferation. *J Neurooncol.* 2009 Nov 26. PMID: 19941032
68. **Mahta A**, Haghpanah V, Lashkari A, Heshmat R, Larijani B, Tavangar SM. Non-functioning Pituitary Adenoma: Immunohistochemical analysis of 85 cases. *Folia Neuopathol.* 2007; 45(2):72-7. PMID: 17594597
69. Tavangar SM, **Mahta A**, Haghpanah V, Larijani B. Extranodal Rosai-Dorfman disease involving the meninges in a 79 year-old man. *Ann Saudi Med.* 2006 Nov-Dec;26(6):474-6. PMID: 17146206
70. Tavangar SM, Larijani B, **Mahta A**, Hosseini SM, Mehrazine M, Bandarian F. Craniopharyngioma: a clinicopathological study of 141 cases. *Endocr Pathol.* 2004 winter; 15(4):339-44. PMID: 15681858

BOOK CHAPTERS

1. **Mahta A**, Claassen J. Hemorrhagic Stroke and Critical Care Seizures. In: Seizures in Critical Care: A Guide to Diagnosis and Therapeutics, 3rd Ed. 2018
2. Kim RY, **Mahta A**, Kesari S. Glioma Stem Cells-The cutting edge. In: Cancer Stem Cells, Intech, ISBN 978-953-307-1454-5. August 2011
3. **Mahta A**, Crino PB. Focal Cortical Dysplasia. In: **Neurobiology of diseases** 2016 Oxford University Press
4. **Mahta A**, Kesari S. Chapter 8: Systemic Therapy for Cancer of the Nervous System. In: **Adult Neuro-oncology: A multi-disciplinary evidence base approach with case studies**. Eds: Jeyapalan S, Kasper E, Mahadevan A. Springer 2014

ABSTRACTS/PRESENTATIONS

1. Haripottawekul A; Paracha S; Haque D; Persad-Paisley EM; Shamshad A; Subramaniam T; Reznik ME; Furie KL; Yaghi S; **Mahta A. (senior and corresponding author)**. Association of blood pressure parameters in unsecured aneurysmal subarachnoid hemorrhage and outcomes. Accepted for poster presentation at the **International Stroke Conference**, Dallas, TX, 2023 Feb
2. Meyer A, Forman E, Moody S, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of cisternal blood clot burden and ventriculoperitoneal shunt requirement in subarachnoid hemorrhage. Accepted for **Oral presentation** at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr.
3. Persaud BH, Joudi K, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of antiplatelet use and outcomes in aneurysmal subarachnoid hemorrhage. Accepted for **Oral presentation** at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr.
4. Baumgartner K, Meyer A, Mandel D, Moody S, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Radiographic predictors of aneurysmal etiology in patients with aneurysmal pattern subarachnoid hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr.
5. Shah AH, Snow R, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of hemoglobin trend and outcome in aneurysmal subarachnoid hemorrhage: a single center cohort study. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr.
6. Joudi K, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Effects of demographics and socioeconomic status on opioid use in patients with aneurysmal subarachnoid hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr
7. Helliwell A, Snow R, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Impacts of Dysnatremia on Outcomes in Aneurysmal Subarachnoid Hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr
8. Gonzalez W, Forman E, Stretz C, Potter NS, Wendell LC, Reznik ME, Furie KL, Thompson BB, **Mahta A. (senior and corresponding author)**. Association of cerebrospinal fluid drainage prolongation and outcomes in aneurysmal subarachnoid hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr
9. Mandel D, Moody S, Pan K, Thompson BB, Wendell LC, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Computational analysis of subarachnoid hemorrhage pattern can

- indicate the presence of aneurysm. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr
10. Shamshad A, Persad-Paisley EM, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of asymptomatic cerebral vasospasm and outcomes in aneurysmal subarachnoid hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr
 11. Persad-Paisely EM, Shamshad A, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Preadmission Anti-hypertensive Agents May Affect Cerebral Vasospasm Risk in Aneurysmal Subarachnoid Hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr
 12. Snow R, Shamshad A, Helliwell A, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Early Neurological Improvement Can Reduce Intensive Care Unit Length of Stay in Aneurysmal Subarachnoid Hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr.
 13. Baktha A, Shu L, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Delirium and Older Age: Two Independent Predictors of Worse Outcome in Low-intermediate Grade Subarachnoid Hemorrhage. Accepted for poster presentation at the **American Academy of Neurology** annual meeting in Seattle, WA, 2022 Apr
 14. Shah AH, Snow R, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of hemoglobin trend and outcome in aneurysmal subarachnoid hemorrhage: a single center cohort study. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
 15. Shamshad A, Persad-Paisley EM, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of asymptomatic cerebral vasospasm and outcomes in aneurysmal subarachnoid hemorrhage. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
 16. Gonzalez W, Forman E, Stretz C, Potter NS, Wendell LC, Reznik ME, Furie KL, Thompson BB, **Mahta A. (senior and corresponding author)**. Association of cerebrospinal fluid drainage prolongation and outcomes in aneurysmal subarachnoid hemorrhage. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
 17. Helliwell A, Snow R, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Impacts of Dysnatremia on Outcomes in Aneurysmal Subarachnoid Hemorrhage. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
 18. Baumgartner K, Meyer A, Mandel D, Moody S, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Radiographic predictors of aneurysmal etiology in patients with aneurysmal pattern subarachnoid hemorrhage. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
 19. Persaud BH, Joudi K, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of antiplatelet use and outcomes in aneurysmal subarachnoid hemorrhage. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
 20. Snow R, Shmashad A, Helliwell A, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Early Neurological Improvement Can Reduce Intensive Care Unit Length of Stay in Aneurysmal Subarachnoid Hemorrhage. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb

21. Meyer A, Forman E, Moody S, Stretz C, Potter NS, Wendell LC, Thompson BB, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)**. Association of cisternal blood clot burden and ventriculoperitoneal shunt requirement in subarachnoid hemorrhage. Accepted for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
22. Mandel D, Moody S, Pan K, Thompson BB, Wendell LC, Reznik ME, Furie KL, **Mahta A. (senior and corresponding author)** Blood Clot Burden Can Differentiate Peri-mesencephalic Subarachnoid Hemorrhage from Aneurysmal Etiology. **Oral/Platform Presentation** at Neurocritical Care Society Annual meeting, 2021 Oct. (Received **Cristanne Wijman Young Investigation Award** and **Travel Award** by Neurocritical Care Society)
23. Abrantes T, **Mahta A**, Assad W, Rudolf J, Ely EW, Furie KL, Daiello L, Jones R, Reznik ME. Cerebrospinal Fluid Protein and Associations with Delirium in Patients with Intracerebral Hemorrhage. American Academy of Neurology, 2021 Virtual Annual Meeting. (poster presentation)
24. Kalagara R; Chuck CC; Doelfel S; Han E; Stretz C; **Mahta A**; Wendell LC; Thompson BB; Asaad W; Reznik ME. Ventriculostomy Duration and Associations with Fever Burden in Patients with Intracerebral Hemorrhage. American Association of Neurological Surgeons annual meeting (virtual) 2021. (abstract# 2535)
25. Doelfel SR, Kalagara R, Chuck CC, Han EJ, Dandapani H, Stretz C, **Mahta A**, Wendell LC, Thompson BB, Madsen T, Furie KL, Reznik ME. Gender Disparities in Stroke Code Activation in Patients with Intracerebral Hemorrhage. American Academy of Neurology, 2021 Virtual Annual Meeting. (poster presentation)
26. Lin NF, **Mahta A**, Chuck C, Kalagara R, Doelfel SR, Zhou H, Mahmoud LN, Stretz C, Wendell LC, Thompson BB, Furie KL, Reznik ME. Risk Factors for Opioid Use in Patients with Intracerebral Hemorrhage. **Stroke** 2021; 52, Suppl 1, P 393.
27. Stretz C, Mc Grory BC, **Mahta A**, El Jamal S, Sacchetti DC, Burton T, Cutting S, Madsen T, Wendell LC, Thompson BB, Furie KL, Reznik M. A Reassessment of Hemoglobin and Hematoma Expansion in Intracerebral Hemorrhage. **Stroke** 2021; 52, Suppl 1, P 438.
28. Doelfel SR, Moody S, Kalagara R, Chuck CC, Han EJ, Stretz C, Madsen T, **Mahta A**, Wendell LC, Thompson BB, Furie KL, Reznik ME. Dizziness-related Symptoms Are Associated with Delayed Imaging in Patients with Intracerebral Hemorrhage. **Stroke** 2021; 52, Suppl 1, P 175.
29. Kalagara R, Lin NF, Chuck C, Doelfel SR, Zhou H, Dandapani H, Moody S, Stretz C, **Mahta A**, Wendell LC, Thompson BB, Furie KL, Reznik M. Impact of Socioeconomic Status in Intracerebral Hemorrhage. **Stroke** 2021; 52, Suppl 1, P 452.
30. Chuck C, Kalagara R, Abrantes T, Doelfel SR, Lin NF, Zhou H, Kim D, Madsen T, Stretz C, **Mahta A**, Wendell LC, Thompson BB, Furie KL, Reznik M. Time to Blood Pressure Control and Associations with Outcomes in Intracerebral Hemorrhage. **Stroke** 2021; 52, Suppl 1, P 455.
31. Blake C, Zullo A, Xing D, **Mahta A**, Mahmoud L. Factors Influencing Nimodipine Dose Modification in Aneurysmal Subarachnoid Hemorrhage. American Society of Health System Pharmacists (**ASHP**) annual meeting, 2020 December, poster SP-211
32. Azher I, Anderson M, Dakay K, Mac Grory BC, Moody S, Kaushal A, Reznik ME, Thompson BB, Wendell LC, Rao SS, Potter NS, Mahmoud L, Cutting S, Yaghi S, Furie KL, **Mahta A. (senior and corresponding author)** Long term opioid use in patients with aneurysmal subarachnoid hemorrhage. **Neurology** 94 (15 Suppl) April 2020, **Oral presentation**, at American Academy of Neurology annual meeting.
33. **Mahta A**, Yaghi S, Reznik ME, Thompson BB, Wendell LC, Rao S, Potter NS, Dakay KB, Cutting S, Mac Grory B, Burton T, Saad A, Sacchetti DC, Stretz C, El Jamal S, Mahmoud LN, Moody S, Murray K, Costa S, Sellke FW, Kamel H, Furie KL. Serum Alpha-1 Antitrypsin and atherosclerosis burden in patients with acute ischemic stroke (4745). **Neurology** 94 (15 Suppl) April 2020

34. Azher I, Anderson M, Dakay K, Mac Grory BC, Moody S, Kaushal A, Reznik ME, Thompson BB, Wendell LC, Rao SS, Potter NS, Mahmoud L, Cutting S, Yaghi S, Furie KL, **Mahta A. (senior and corresponding author)** Long term opioid use in patients with aneurysmal subarachnoid hemorrhage, presented as poster at **International Stroke Conference**, Los Angeles, Feb 2020
35. Reznik ME, Moody S, Madsen TE, Yaghi S, Schrag M, **Mahta A**, Rao S, Stretz C, Wendell LC, Thompson BB, Furie KL, Brian Mac Grory. Headache at Onset of Intracerebral Hemorrhage and Associations with Outcome (5118) **Neurology** 94 (15 Suppl) April 2020
36. Dakay K, Didion J, Knopf L, **Mahta A**, Yaghi S, Cutting S. Incidence and Significance of EEG Abnormalities in Atraumatic Convexity Subarachnoid Hemorrhage (2573) **Neurology** 94 (15 Suppl) April 2020
37. Dakay K, Azher I, **Mahta A**, Furie KL, Yaghi S, Cutting S. Acute Multifocal Atraumatic Convexity Subarachnoid Hemorrhage (920) **Neurology** 94 (15 Suppl) April 2020
38. Azher I, Dakay K, Jayaraman M, McTaggart RA, **Mahta A**, Furie K, Yaghi S, Cutting S. FLAIR Hyperintense Vessels Do Not Correlate with MRI Perfusion Deficit (2557) **Neurology** 94 (15 Suppl) April 2020
39. Montalvo M, Ayoub D, Byrd K, McGary M, **Mahta A**, Rao S, Potter NS, Reznik M, Mermel L, Anthony D, Thompson B, Wendell LC. Eastern Equine Encephalitis: Case Series in Southern New England (4141) **Neurology** 94 (15 Suppl) April 2020
40. Reznik M, Moody S, Mac Grory B, Stretz C, Madsen TE, **Mahta A**, Rao S, Wendell LC, Thompson BB, Furie KL. Long-term Outcomes in Patients with Intracerebral Hemorrhage and Delayed Hospital Presentation (5317) **Neurology** 94 (15 Suppl) April 2020
41. Montalvo M, Mitry E, Chang A, Dakay K, Azher I, Kaushal A, Mistry A, Chiatle R, Cutting S, Burton T, Mac Grory B, Reznik M, **Mahta A**, Thompson BB, Ishida K, Frontera J, Riina H, Gordon D, Parrella D, Scher E, Farkas J, McTaggart R, Khatri P, Furie K, Jayaraman M, Yaghi S. Predicting Symptomatic Intracranial Hemorrhage after Mechanical Thrombectomy: The TAG Score. Oral Presentation at **International Stroke Conference**, Los Angeles, Feb 2020
42. Dakay K, Ricci B, Chang AD, Cutting S, Mac Grory B, Burton TM, Thompson BB, Reznik ME, **Mahta A**, Jayaraman M, Lord A, Khatri P, Furie K, Yaghi S. Asymptomatic Hemorrhage Predicts Delayed Symptomatic Hemorrhage After Alteplase in Acute Ischemic Stroke. Presented as poster at **International Stroke Conference**, Los Angeles, Feb 2020
43. Dakay K, Ng A, Fraser JF, **Mahta A**, Reznik M, Boyanpally A, Jayaraman M, Mc Taggart RA, Jindal G, Wendell LC, Thompson BB, Furie K, Yaghi S, Cutting S. MRI Based Scores Outperform CTA Based Scores in Predicting Outcome After Basilar Artery Occlusion. Presented as poster at **International Stroke Conference**, Los Angeles, Feb 2020
44. Delamerced A, Boyanpally A, El Jamal S, Burton T, Cutting S, Stretz C, Sacchetti D, Reznik ME, **Mahta A**, Madsen T, Yaghi S, Furie K, Mac Grory BC. The Yield of Inpatient Cardiac Telemetry in Ischemic Stroke Patients with Ipsilateral Large Artery Stenosis. Moderated Poster presentation at **International Stroke Conference**, Los Angeles, Feb 2020
45. Reznik ME, Kalagara R, Moody S, Drake J, Margolis S, **Mahta A**, Rao SS, Stretz C, Wendell L, Thompson BB, Asad WF, Furie KL, Jones RN, Daiello LA. Serum Markers of Delirium Physiologic Stress and Associations with Delirium in Patients with Intracerebral Hemorrhage. Moderated Poster presentation at **International Stroke Conference**, Los Angeles, Feb 2020
46. Reznik ME, Moody S, Mac Grory B, Stretz C, Madsen T, **Mahta A**, Rao SS, Thompson BB, Wendell L, Furie KL. Long-Term Outcomes in Patients with Intracerebral Hemorrhage and Delayed Hospital Presentation. Presented as poster at **International Stroke Conference**, Los Angeles, Feb 2020
47. Boyanpally A, El Jamal S, Reznik ME, Burton T, Cutting S, Stretz C, Sacchetti D, Sarafin J, Harmon M, **Mahta A**, Wendell LC, Thompson BB, Rao SS, Jayaraman M, McTaggart R, Madsen T, Schrag

- M, Yaghi S, Furie K, Mac Grory BC. Prevalence of Carotid Web in Patients with Cryptogenic Stroke. Presented as poster at **International Stroke Conference**, Los Angeles, Feb 2020
48. Andere A, Boyanpally A, Collins S, Reznik M, **Mahta A**, Jindal G, Burton T, Mac Grory B, El Jamal S, Sacchetti D, Stretz C, Saad A, Yaghi S, Furie K, Cutting SM. Fazekas Scores Correspond With Specific Volumes of White Matter Hyperintensity. Presented as poster at **International Stroke Conference**, Los Angeles, Feb 2020
 49. Mac Grory BC, Stretz C, El Jamal S, Burton T, Cutting S, Boyanpally A, Madsen T, **Mahta A**, Wendell LC, Thompson B, Rao SS, Jayaraman M, McTaggart R, Schrag M, Yaghi S, Furie K, Reznik ME. Yield of Interval Magnetic Resonance Imaging in Determining Cryptogenic Etiologies of Spontaneous Intracerebral Hemorrhage. Presented as poster at **International Stroke Conference**, Los Angeles, Feb 2020
 50. Azher I, Riggio R, Kaushal A, Murray K, Moody S, Costa S, Dakay K, Thompson BB, Reznik ME, Wendell LC, Potter NS, Rao S, Yaghi S, Mac Groy BC, Burton T, Cutting S, McTaggart R, Jayaraman M, Furie KL, **Mahta A. (senior and corresponding author)** Early uptrending white blood cell count can be a predictor of poor outcome in patients with aneurysmal subarachnoid hemorrhage. **Neurology** 2019; 92 (15 Supplement), P5. 9-041.
 51. Fakhri NH, Moody S, Murray K, Costa S, Yaghi S, Burton TM, Cutting S, **Mahta A**, Wendell LC, Thompson BB, Rao S, Potter NS, Furie KL, Mac Grory B, Reznik ME. Blood Pressure at Hospital Arrival Does Not Reliably Distinguish Hypertensive Intracerebral Hemorrhage. **Neurology** 2019; 92 (15 Supplement), P5. 3-002
 52. Azher I, Kaushal A, Chang A, Cutting S, Mac Grory B, Burton T, Dakay K, Thompson B, Reznik M, Wendell L, Potter NS, **Mahta A**, Rao S, Paciaroni M, Elkind MSV, Jayaraman M, Atalay M, Furie K, Yaghi S. Serum Troponin Level in Acute Ischemic Stroke Identifies Patients with Concomitant Visceral Infarcts. **Neurology** 2019; 92 (15 Supplement), P2. 3-030.
 53. Montalvo M, Yakhkind A, Jayaraman M, McTaggart R, Chang AD, Akiki R, Mac Grory B, Cutting S, Burton T, Reznik ME, Thompson B, Wendell LC, Roa S, Potter NS, **Mahta A**, Sheth K, Willey J, Khatri P, Furie KL, Yaghi S. Diabetes Mellitus Predicts Symptomatic Intracerebral Hemorrhage Following Thrombectomy in Acute Ischemic Stroke. **Neurology** 2019; 92 (15 Supplement), P1. 3-035.
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 55. Mac Grory B, Yaghi S, Cutting S, Burton T, Sacchetti D, Dakay K, Reznik M, Wendell L, Thompson B, Jayaraman M, McTaggart R, **Mahta A**, Furie KL, Schrag M. Cerebral Microhemorrhages and the Risk of Symptomatic Intracerebral Hemorrhage After Intravenous Thrombolysis. **Stroke** 2019; 50, Suppl 1, ATP 106.
 56. Fakhri NH, Moody S, Murray K, Costa S, Yaghi S, Burton TM, Cutting S, **Mahta A**, Wendell LC, Thompson BB, Rao S, Potter NS, Furie KL, Mac Grory B, Reznik ME. Blood Pressure at Hospital Arrival Does Not Reliably Distinguish Hypertensive Intracerebral Hemorrhage. **Stroke** 2019; 50, Suppl 1, AWP 458.
 57. Reznik ME, Mac Grory BC, Moody S, Murray K, Costa S, Yaghi S, Burton TM, Cutting TM, **Mahta A**, Wendell LC, Thompson BB, Rao SS, Asaad WF, Jones RN, Furie KL. The Impact of Delirium and Impaired Consciousness on Withdrawal of Life-Sustaining Treatment after Spontaneous Intracerebral Hemorrhage. **Stroke** 2019; 50, Suppl 1, AWP 443.
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60. Ricci BA, Chang AD, Mac Grory B, Cutting S, Burton T, Dakay K, McTaggart R, Jayaraman M, Reznik ME, Thompson BB, Wendell LC, **Mahta A**, Rao S, Potter NS, Sheth K, Willey J, Khatri P, Furie KL, Yaghi S. Asymptomatic Hemorrhagic Infarction on 24-hour CT Post Intravenous Recombinant Tissue Plasminogen Activator for Acute Ischemic Stroke Predicts Symptomatic Intracerebral Hemorrhage After Initiation of Antiplatelet therapy. *Stroke* 2019; 50, Suppl 1, ATP 418.
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62. Paddock J, Burton T, Cutting S, Sacchetti D, Dakay K, Reznik M, Wendell L, Thompson B, **Mahta A**, Yaghi S, Furie K, Jayaraman M, McTaggart R, Mac Grory B. Venous sinus stenting: a therapeutic alternative for idiopathic intracranial hypertension. *2019 North American Neuro-ophthalmology Society Annual Meeting*.
63. Rao SS, Chung DY, John S, Kumar M, Olson D, **Mahta A**, Mohamad W, Sherriff F, Sherma A, Thompson B, White J, Patel AB, Rordof GA. A rapid EVD wean is associated with shorter ICU length of stay-Interim results of a multicenter prospective observational study of EVD wean practices in subarachnoid hemorrhage. Presented at 16th Neurocritical Care Society annual meeting, Boca Raton, FL, September 2018.
64. Reznik M, Yaghi S, Jayaraman M, McTaggart R, Hemendinger M, Mac Grory B, Burton T, Cutting S, Thompson B, Wendell L, **Mahta A**, Potter NS, Daiello L, Kosar C, Jones R, Furie K. Level of Consciousness at Discharge and Associations with Outcome After Ischemic Stroke. *Neurology* 2018; 90, 15, Suppl 2.211
65. Wendell L, Reznik M, Lindquist D, Saad A, Cahill J, Burton T, Cutting S, Mac Grory B, **Mahta A**, Siket M, Yaghi S, Jayaraman M, Thompson B, Furie K. Code Stroke Simulation Training Benefits Junior Neurology Residents. *Neurology* 2018; 90, 15, Suppl 3. 016
66. **Mahta A**, Reznik ME, Park S, Agarwal S, Roh DJ, McKhan GM, Lassman AB, Claassen J. Post-operative hemorrhage: A possible predictor of delirium in brain tumor patients. Neurocritical Care Society Meeting, National Harbor, MD September 2016
67. **Mahta A**, Merkler AE, Reznik ME, Kamel H. Emphysema: A potential risk factor for cerebral and aortic aneurysms. International Stroke Conference meeting, Houston, TX 2017
68. Reznik ME, Schmidt MJ, **Mahta A**, Lesch C, Agarwal S, Roh DJ, Park S, Claassen J. Agitation after subarachnoid hemorrhage: A frequent omen of hospital complications associated with worse outcome. Neurocritical Care Society Meeting, National Harbor, MD September 2016
69. Reznik ME, Merkler AE, **Mahta A**, Murthy SB, Claassen J, Kamel H. Long term risk of seizures in survivors of sepsis. Platform presentation at American Academy of Neurology annual meeting, Boston, MA. April 2017
70. **Mahta A**, Katz PM, Kamel H, Azizi S.A. Modified ICH score: Intraventricular extension without hydrocephalus does not increase mortality or severe disability. *Crit Care Med*. 2015; 43 (12 Suppl 1), 119
71. **Mahta A**, Kueppers F, Weaver M. Alpha-1 antitrypsin deficiency in cerebral saccular aneurysms. *Neurology* April 6, 2015 vol. 84 no. 14 Supp P3.109
72. **Mahta A**, Sultan F, Kueppers F, Weaver M. Alpha-1 antitrypsin deficiency in cerebral saccular aneurysms. *Neurocrit Care*. 2013 Sep;19,1,supp 258

73. **Mahta A**, Vijayvergia N, Bhavsar T, Ward LD. Paraneoplastic encephalopathy and ataxia in a patient with small cell lung cancer. American College of Physicians annual meeting, October 2011 (Won 2nd place in ACP abstract competition contest in southeastern PA state)
74. **Mahta A**, Vijayvergia N, Bhavsar T, Ward LD. Paraneoplastic encephalopathy and ataxia in a patient with small cell lung cancer. *Neuro-Oncology* 2012; 14,83
75. **Mahta A**, Hong S, Bazan NG, Richter EO. Neurolipidomics in Traumatic Brain Injury. Southern Neurosurgical Society 60th Annual meeting, March 25-28,2009, Greensboro, GA. (Platform presentation)
76. **Mahta A**, Hong S, Lu Y, Bazan NG, Richter EO. Docosahexaenoic acid: Endogenous neuroprotection in Traumatic Brain Injury, LSUHSC Research day, January 30th, 2009. New Orleans LA. (poster presentation)
77. Robert E, **Mahta A**, Richter EO, Musto AE, Bazan NG. Temporal Lobe Epilepsy: A Novel Animal Model for Sampling of CA1 In Vivo Microdialysis. Louisiana Association of Neurological Surgeons, Annual meeting, January 17-18, 2009, New Orleans, LA. (Platform presentation)
78. **Mahta A**, Robert E, Richter EO, Culicchia F, Musto AE, Bazan NG. In Vivo Microdialysis: A method to study molecular events in epilepsy. 21st Annual retreat of the Neuroscience Center of Excellence, LSUHSC-New Orleans, March 21st, 2009.
79. Lukiw WJ, Culicchia F, **Mahta A**. Pro-inflammatory genes are up-regulated in Glioblastoma Multiforme (GBM). 2009 Annual meeting. Congress of Neurological Surgeons. New Orleans, LA. 2009 Oct.24-29 (poster presentation #214)
80. Cui JG, Li YY, **Mahta A**, Sethi P, Zhao P, Culicchia F, Lukiw WJ. Micro-RNA-128 (miRNA-128; chr 2q21.3) down-regulation targets Bmi-1-mediated polycomb silencing and transcription factor E2F3a, key regulators of cell cycle progression. 2009 Society of Neuro-oncology Annual meeting, New Orleans, LA. 2009 Oct. 22-24 (Platform presentation, abstract#171)
81. Zhang X., Batista DL, Gejman R, **Mahta A**, Zhong Y, Zhou Y, Louis DN, Klibanski A. MEG 3 non-coding RNA gene, is associated with meningioma pathogenesis and progression. American Association of Neurological Surgeons (AANS) annual meeting, Sept 4th 2008. (article ID: 51565)
82. Batista DL, Gegman R, Zhong Y, **Mahta A**, Chen W, Zhou Y, Zhang X, Swearingen B, Hedley-Whyte ET, Klibanski A. Selective loss of MEG3 expression and IG-DMR hypermethylation in the MEG3 locus in Human Clinically Non-functioning Pituitary Adenomas of a Gonadotroph origin. The Endocrine Society 90th Annual meeting, June 15-18, 2008, San Francisco, CA. (Oral presentation, **won \$500 travel award**)
83. Batista DL, Gegman R, Zhong Y, **Mahta A**, Chen W, Zhou Y, Zhang X, Swearingen B, Hedley-Whyte ET, Klibanski A. Selective loss of MEG3 expression and IG-DMR hypermethylation in the MEG3 locus in Human Clinically Non-functioning Pituitary Adenomas of a Gonadotroph origin. 3rd annual MGH Research poster presentation, June 24th 2008, Boston, MA

News/Published Interviews:

- 3/2019 Interview with American Heart Association:
<https://www.heart.org/en/news/2019/03/19/emphysema-may-increase-risk-of-ruptured-aneurysms>
- 3/2019 Interview with Emphysema Foundation:
<https://www.emphysemafoundation.org/index.php/component/content/article/83-copd-emphysema-articles/403-emphysema-might-increase-risk-of-aneurysms>
- 12/2020 Interview with Neurocritical Care Society:

[Blog Viewer - Currents \(neurocriticalcare.org\)](https://www.pathlms.com/ncs-ondemand/courses/30676)

- Neurocritical Care Board Exam Review:
<https://www.pathlms.com/ncs-ondemand/courses/30676>

Publications not indexed in PubMed

1. Fu D, Dai X, Jones RN, Wu M, Cutting S, Mac Grory B, Sacchetti D, El Jamal S, Stretz C, Reznik ME, **Mahta A**, Yaghi S, Furie KL, Burton T. Clinical Utility of Insertable Cardiac Monitors In Detecting Incidental Arrhythmias in Patients with Cryptogenic Stroke and Transient Ischemic Attack. *J Atr Fibrillation EP. (In Press)*

INVITED GRAND ROUNDS/PRESENTATIONS (Selected)

1. Department of Medicine Grand Rounds: “Neurological Emergencies.” Temple University Hospital, Philadelphia, PA, 2014 July.
2. Critical Care Grand Rounds: “Emphysema, a potential risk factor for cerebral and aortic aneurysms.” Columbia University, New York, NY, 2017 March.
3. Morbidity and Mortality Conference/Neurology Grand Rounds. Rhode Island Hospital/Alpert Medical School of Brown University, Providence, RI, 2017 September.
4. Morbidity and Mortality Conference/Neurology Grand Rounds, Rhode Island Hospital/Alpert Medical School of Brown University, Providence, RI, 2018 November
5. Combined Neurology and Emergency Medicine Grand Rounds, Rhode Island Hospital/Alpert Medical School of Brown University, Providence, RI, 2020 January
6. Basic Translational Research (BTR) symposium, “Clinical Research in Aneurysmal Subarachnoid Hemorrhage”, Brown University, 2021 June
7. Rhode Island Stroke Symposium, Providence, RI, 2021 September
8. Morbidity and Mortality Conference/Neurology Grand Rounds, Rhode Island Hospital/Alpert Medical School of Brown University, Providence, RI, 2022 May
9. Basic Translational Research (BTR) symposium, “Research Update in Aneurysmal Subarachnoid Hemorrhage”, Alpert Medical School of Brown University, 2022 June
10. Invited to be a judge for poster presentations at Alpert Medical School of Brown University annual research symposium, 2022 November

GRANTS

Current

1. “Non-invasive ICP monitoring with IPASS device.” (Sponsor: Vivonics)
Funding: Department of Defense
Amount: \$40,000
Years: 2018-Present

Role: Site co-I

2. "Outcome predictors in Subarachnoid Hemorrhage"
Funding: Brown Neurology Foundation, Inc.; role: PI
Amount: Salary for research assistants
Years: 2017-Present
Role: PI
3. "SATURN: Statin Use in Intracerebral Hemorrhage Patients; A multicenter clinical trial."
Funding: NIH-NINDS 1U01NS102289-01A1
Amount: \$42,600
Years: 2020-Present
Role: Site PI
4. "Association of Alpha-1 antitrypsin level and ischemic stroke mechanism"
Funding: Brown Physicians Inc.
Amount: \$ 50,000
Years: 2022-Present
Role: PI

Completed

"Alpha-1 antitrypsin serum level and genetic status in patients with ischemic stroke."
Funding: Brown Neurology Foundation, Inc.
Amount: \$ 5,000
Years: 2018-2019
Role: PI

Other funded research activities:

1. ASPIRE (Anticoagulation in ICH Survivors for Stroke Prevention and Recovery
Funding: NINDS
Role: Site-coinvestigator
2. INTREPID (Impact of fever prevention in brain injured patients)
Funding: C.R. Bard
Role: Site-coinvestigator
3. CHARM (Cirara in Large Hemispheric Infarction Analyzed for Modified Rankin Scale and Mortality)
Funding: Remedy Pharmaceutical
Role: Site-coinvestigator

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

Alpert Medical School of Brown University

2017-Present Brain Science Course Annual Lecture Series, Role: Lecturer/Faculty Supervisor

2017-Present Neuro-Engineering Master Class in Neurologic Devices, Role: Lecturer/Faculty Supervisor

Columbia University Medical Center

2015-2017 Neurocritical Care Lecture Series, Role: Organizer

List of mentees and supervised research projects:

2021-2022 Academic Year

1. Rahul Sastry (PGY4 Neurosurgery resident)
Project: "Utility of surveillance diagnostic cerebral angiogram in vasospasm detection in high grade subarachnoid hemorrhage patients."
2. Joshua Feler (PGY2 Neurosurgery resident)
Project: "Risks and benefits of post procedural anti-platelet therapy in aneurysmal subarachnoid hemorrhage patients"
3. Daniel Strauss (second year medical student)
Project: "Risks and benefits of post procedural anti-platelet therapy in aneurysmal subarachnoid hemorrhage patients with external ventricular drain"
4. Natalie Nieves (PGY1 Neurosurgery resident)
Project: "Utility of surveillance diagnostic cerebral angiogram in vasospasm detection in high grade aneurysmal subarachnoid hemorrhage patients"
5. **John Pham** (first year medical student)
Received NIH T35 Grant (Basic & Translational Research program)
Project: "Association of anatomical variations of the circle of Willis and vasospasm risk in aneurysmal subarachnoid hemorrhage."
6. **Evrin Ozcan** (Sc.B candidate in Biomedical Engineering)
Received SPRINT UTRA award
Project: "Association of anatomical variations of the circle of Willis and aneurysm related features in subarachnoid hemorrhage"
7. **Deena Haque** (A.B Health and Biology candidate)
Received SPRINT UTRA award
Project: "Association of anatomical variations of the circle of Willis and aneurysm related features in subarachnoid hemorrhage"
8. Alice Lin (second year medical student)
Project: "Association of post procedural anti-platelet therapy and hospital length of stay in aneurysmal subarachnoid hemorrhage patients"
9. Carlin Chuck (third year medical student)
Project: "Association of post procedural anti-platelet therapy and functional outcome in aneurysmal subarachnoid hemorrhage patients"
10. Ariyaporn, Harripotawekul (Sc.B candidate in Biochemistry and Molecular Biology)
Project: "Association of blood pressure parameters and outcomes in subarachnoid hemorrhage". Accepted for poster presentation at the international stroke Conference in 2023 Feb

2020-2021 Academic Year

1. **Daniel Mandel, MD** (PGY3 Neurology Resident)
Project: "Blood Clot Burden Can Differentiate Perimesencephalic Subarachnoid Hemorrhage from Aneurysmal Etiology", **awarded as top 2% abstracts**, accepted for **platform presentation** at

Neurocritical Care Society meeting in Chicago 2021 Oct, received both **Cristanne Wijman Young Investigation Award** and **Travel Award**

2. Alizeh Shamshad (first year medical student)
Project: “Association of asymptomatic vasospasm and outcomes in aneurysmal subarachnoid hemorrhage.” Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb. Received **Medical Student Scholarship Award** to attend American Academy of Neurology annual meeting in Seattle, 2022 April
3. Asghar Shah (PLME student)
Project: “Association of hemoglobin trend and outcome in aneurysmal subarachnoid hemorrhage.” Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
4. **Elijah Persad-Paisley** (first year medical student),
Received NIH T35 (grant #HL094308) Award (Basic & Translational Research program)
Project: “Association of prehospital use of anti-hypertensive agents and aneurysmal subarachnoid hemorrhage outcome.”
5. **Alexandra Helliwell** (first year medical student),
Received Summer Research Assistantship Award
Project: “Association of dysnatremia and outcome in aneurysmal subarachnoid hemorrhage.”
Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
6. Elyse Forman (first year medical student)
Project: “Association of intracranial blood clot burden and refractory hydrocephalus in aneurysmal subarachnoid hemorrhage.” Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
7. Bianca Persaud (PLME student),
Project: “Risks and benefits of antiplatelet use in patients with aneurysmal subarachnoid hemorrhage.” Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb. Received **Medical Student Scholarship Award** to attend American Academy of Neurology annual meeting in Seattle, 2022 April
8. **Aiden Meyer** (PLME student)
Received SPRINT UTRA Award
Project: “Identification of predictors of shunt dependency in aneurysmal subarachnoid hemorrhage.” Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
9. Kareem Joudi (PLME student)
Project: “Association of EVD duration and vasospasm in aneurysmal subarachnoid hemorrhage.” Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
10. Kelly Pan (first year medical student)
Project: “Blood clot burden and pattern comparison between non-aneurysmal perimesencephalic subarachnoid hemorrhage from aneurysmal etiology.” **awarded as top 2% abstracts**, accepted for **platform presentation** at Neurocritical Care Society meeting in Chicago 2021 Oct
11. Karl Baumgartner (first year medical student)
Project: “Identification of radiographic predictors of non-aneurysmal subarachnoid hemorrhage.” Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb

12. Liqi Shu, MD (Neurology Resident)
Project: "Predictors of worse outcome in patients with low clinical grade subarachnoid hemorrhage."
13. Xing Dai (Cathy), MD (Neurology Resident)
Project: "White blood cell count trend and outcome measures in subarachnoid hemorrhage."
14. **Ryan Snow** (first year medical student)
Received Summer Research Assistantship Award
Project: "Predictors of prolonged hospital length of stay in patients with subarachnoid hemorrhage." Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
15. **Wendy Gonzalez** (first year medical student)
Received Summer Research Assistantship Award
Project: "Association of cerebrospinal fluid (CSF) drainage duration and outcome in patients with aneurysmal Subarachnoid Hemorrhage (SAH)." Abstract **accepted** for poster presentation at the **International Stroke Conference** in New Orleans, 2022 Feb
16. **Anisha Baktha** (Brown PLME student)
Received SPRINT UTRA Award
Project: "Identification of Predictors of Worse Outcome in Patients with Low-Grade subarachnoid Hemorrhage."
17. Saba Paracha (PLME student)
Project: Association of asymptomatic elevation of transcranial Doppler velocities and ICU length of stay in subarachnoid hemorrhage."

2019-2020 Academic Year

1. Aidan Azher, MD (PGY4 Neurology Resident)
Projects: "White blood cell trend and outcome in aneurysmal subarachnoid hemorrhage."
"Short-term and long-term opioid use in patients with aneurysmal subarachnoid hemorrhage."
Platform/Oral Presentation at American Academy of Neurology Annual Meeting 2020
2. Matthew Anderson (PGY5 Neurosurgery Resident)
Project: "Short-term and long-term opioid use in patients with aneurysmal subarachnoid hemorrhage."
3. Hael Abdulrazeq (PGY2 Neurosurgery Resident)
Project: "Short-term and long-term opioid use in patients with aneurysmal subarachnoid hemorrhage."
4. Xing Dai, MD (PGY3 Neurology Resident)
Project: "White blood cell trend and outcome in aneurysmal subarachnoid hemorrhage."
5. Leana Mahmoud, PharmD (Clinical Pharmacist and Director of Pharmacy Clerkship)
Project: "Nimodipine dose modification in aneurysmal subarachnoid hemorrhage."
6. Alexander Abud, MD (PGY4 Neurology Resident)
Project: "Short-term and long-term opioid use in patients with aneurysmal subarachnoid hemorrhage."

2018-2019 Academic Year

1. Aidan Azher, MD (PGY3 Neurology Resident)
Projects: "White blood cell trend and outcome in aneurysmal subarachnoid hemorrhage."
"Short-term and long-term opioid use in patients with aneurysmal subarachnoid hemorrhage."
2. Katarina Dakay (PGY5 Vascular Neurology Fellow)
Project: "Association of steroid use and outcome in aneurysmal subarachnoid hemorrhage."

2017-2018 Academic Year

1. Aidan Azher, MD (PGY2 neurology resident), project: comparison of Hunt and Hess grade with WFNS grade in outcome prediction in aneurysmal subarachnoid hemorrhage
2. Ashutosh Kaushal, MD (PGY3 neurology resident), project: comparison of Hunt and Hess grade with WFNS grade in outcome prediction in aneurysmal subarachnoid hemorrhage

List of mentees for clinical performance

1. Aidan Azher, MD (Neurology Resident 2017-2020, current position: Vascular neurology attending at University of Texas, Houston)
2. John Paddock, MD (Neurology Resident 2018-2021, current position: Neuro-ophthalmology fellow at Weill Cornell Medical College)
3. Kevin Pallapati, MD (Neurology Resident, 7/2021-present)

HOSPITAL TEACHING, ADVISING and MENTORING ROLES

Rhode Island Hospital

- 2017-Present RITE/Board Review Lecture Series
Neurology Residents
Role: Director, Faculty Advisor
and lecturer
- 2017-Present Critical Care Bedside Ultrasound teaching
Role: Faculty Supervisor and Lecturer
- 2017-Present Neurocritical Care Lecture Series
Role: Faculty Supervisor and Lecturer

Diversity, Equity and Inclusion

My contribution to Diversity, Equity and Inclusion falls into the following categories:

1) **Teaching, mentoring and advising:** I have frequently incorporated race, ethnicity, sex and gender concept into my daily rounds in our neurocritical care unit with a particular focus on disparities in sex, race and ethnicity in stroke patients. In addition, I'm the diversity officer for faculty recruitment for the Neurocritical care division at Rhode Island Hospital/Alpert Medical School of Brown University.

2) **Research and scholarship:** I have been actively mentoring a wide range of mentees from students (both undergraduate and medical students), neurology and neurosurgery residents from under-represented and minority groups. In addition, I recently mentored a medical student on two research projects specifically about racial and ethnic diversity in neurology residency applicants. We recently submitted two abstracts to the American Academy of Neurology 2023 annual meeting. We're currently preparing two manuscripts to be submitted to peer review journals. The titles of these projects are: 1) Racial/ethnic and Gender Trends of Applicants and Matriculants to Neurology Residency Programs from 2007–2021; 2) Using a Multidimensional Statistical Approach to Evaluate Diversity Trends Among U.S. Neurology Residents Between 2008–2020.

3) **Clinical work:** I have served vulnerable and under resourced patients' populations throughout my career.