

POUYA ENTEZAMI, MD, MS

Associate, University Neurosurgical Associates: Michigan Head and Spine

Adjunct Assistant Professor, Albany Medical Center

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EDUCATION

Jul 2021 to Jun 2022	Neuroendovascular Fellowship
Jul 2018 to Jun 2019	CAST-Accredited Albany Medical Center, Albany, NY
Jun 2021 to Jun 2022	Master of Science in Clinical Investigation Albany Medical Center, Albany, NY
Jul 2018 to Jun 2022	Distinction in Quality and Leadership Quality Improvement and LEAN Training Albany Medical Center, Albany, NY
Jul 2016 to Jun 2022	Neurological Surgery Residency Albany Medical Center, Albany, NY
Jul 2015 to Jun 2016	Integrated Neurological Surgery Internship Albany Medical Center, Albany NY
Aug 2011 to May 2015	Doctor of Medicine University of Toledo College of Medicine, Toledo, OH
Aug 2006 to May 2010	Bachelor of Science Major: Neuroscience University of Michigan, Ann Arbor, MI

CLINICAL POSITIONS

Sep 2022 to Current	University Neurosurgical Associates Michigan Head and Spine Neurosurgeon Detroit, MI
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ACADEMIC APPOINTMENTS

Jul 2022 to Current **Adjunct Assistant Professor, Department of Neurosurgery**
Albany Medical Center, Albany, NY

RESEARCH POSITIONS

Sep 2009 to Aug 2011 **Research Assistant, Department of Plastic Surgery**
University of Michigan, Ann Arbor
Under the mentorship of Kevin C. Chung, M.D., M.S.

Aug 2007 to May 2010 **Research Assistant, Department of Microbiology and Virology**
University of Michigan, Ann Arbor
Under the mentorship of Michael J. Imperiale, Ph.D., M.A.

INTERNATIONAL EXPERIENCES

Dec 2019 to Jun 2020 **Operative Neurosurgical Fellowship**
Christchurch Hospital: Canterbury District Health Board
Christchurch, Canterbury, New Zealand

- Senior registrar of a regional neurosurgical hospital and trauma center, overseeing the South Island of New Zealand.
- Operative, neuroendovascular, clinic, and ward experiences.

Apr 2015 **Pediatric Neurosurgery Clerkship**
Shariati Children's Hospital, Tehran, Iran

- Clinical experience treating underserved populations in Tehran and surrounding areas.

Jun 2012 **Pediatric General and Pediatric Orthopedic Surgery Clerkship**
Shariati Children's Hospital, Tehran, Iran

- Clinical experience treating underserved populations in Tehran.

MEDICAL LICENSURE AND CERTIFICATIONS

Mar 2022 to Mar 2025 **Physician License**
Controlled Substance and Drug Control Licensure
State of Michigan Department of Licensing and Regulatory Affairs

Dec 2019 to Jun 2020

General Provisional Practising Certificate
Medical Council of New Zealand
Reference: 84066

HONORS AND AWARDS

Sep 2021

Alpha Omega Alpha (ΑΩΑ) Medical Honor Society
Albany Medical College, Albany, NY

Jun 2021

The William Casper Kite Award
Albany Medical College, Albany, NY

May 2021

Board of Trustees Scholarship
Albany Medical College, Albany, NY

May 2019

Pediatric Intensive Care Unit STAR Award
Albany Medical Center, Albany, NY

Jan 2019

Clinician Leader in Philanthropy
Albany Medical Center, Albany, NY

May 2018

Patient Champion Honoree
Albany Medical Center, Albany, NY

Mar 2018

Patient Champion Honoree
Albany Medical Center, Albany, NY

Sep 2017

Patient Safety Hero
Albany Medical Center, Albany, NY

May 2015

Mark Rayport Award in Neurological Surgery
University of Toledo, Toledo, OH

Oct 2014

Best Medical Student
St. Joseph Mercy Surgical Intensive Care Unit, Ann Arbor, MI

Apr 2009, Dec 2009,
Apr 2010

University Honors
University of Michigan, Ann Arbor, MI

Mar 2009, Mar 2010

James B. Angell Scholar
University of Michigan, Ann Arbor, MI

2006 to 2010

Horace H. Rackham Scholarship
University of Michigan, Ann Arbor, MI

2006 to 2008	Christopher Boles Scholarship University of Michigan, Ann Arbor, MI
Jun 2006	Harold Eastman Scholarship City of Ann Arbor, MI
Jun 2006	Michigan's Brightest and Best State of Michigan Award, Ann Arbor, MI
Jun 2006	Valedictorian Pioneer High School, Ann Arbor, MI

LEADERSHIP POSITIONS

Jul 2016 to Jun 2022	Neurosurgery Liaison , Trauma Research Committee, Albany Medical Center
Jul 2020 to Jun 2021	Chief Resident , Neurological Surgery, Albany Medical Center
Jul 2018 to Jun 2021	Member , House Office Quality Committee, Albany Medical Center
Jul 2018 to Jun 2019	Representative , Graduate Medical Education Council, Albany Medical Center
Sep 2011 to May 2015	University of Toledo Surgery Club <ul style="list-style-type: none"> • Representative – 2011 • Vice President – 2012 • Mentor – 2014-15

CONSULTING POSITIONS

Jan 2019 to May 2022	Academic Advisor Med School Insiders, San Ramon, CA
Oct 2019 to Jun 2020	Residency Admissions Advisor MedEdits Medical Admissions, New York, NY

PROFESSIONAL MEMBERSHIPS

Jul 2015 to Present	Member , American Association of Neurological Surgeons
Jul 2015 to Present	Member , Congress of Neurological Surgeons

Sep 2012 to Present	Member , American College of Surgeons
Sep 2011 to Present	Member , American Medical Association

PROFESSIONAL CONFERENCES AND COURSES

Aug 20, 2011	WRIST (Wrist and Radius Surgical Trial) Kick-Off Meeting Detroit, MI
Feb 17-18, 2012	AMA-MSS Annual Region 5 Meeting Toledo, OH
Sep 30 - Oct 4, 2012	Clinical Congress of the American College of Surgeons Chicago, IL
Feb 28 - Mar 1, 2014	AMA-MSS Annual Region 5 Meeting Indianapolis, IN
Mar 16, 2014	Ohio Psychiatric Physicians Association Psychiatric Update Columbus, OH
Mar 29, 2014	Annual Midwest Graduate Research Symposium Toledo, OH
May 9-10, 2014	Annual Meeting of the Ohio Chapter of the ACS Cleveland, OH
Apr 9-11, 2015	The 11th Annual Emirates Critical Care Conference Dubai, United Arab Emirates
Jul 23-26, 2015	Society of Neurological Surgeons Intern Boot Camp Tufts University School of Medicine, Boston, MA
Jun 3-5, 2016	Society of Neurological Surgeons Junior Boot Camp Weill Cornell Medical College, New York, NY
Oct 1-2, 2016	AO North America Neurotrauma and Critical Care Conference Philadelphia, PA
Oct 15, 2016	The Art and Science of Pain: A Clinical and Research Update Albany, NY

Jan 15-21, 2018	Washington Neuroradiology Review and Kenneth M Earle Memorial Neuropathology Review Washington D.C.
Sep 8, 2018	Microsurgery and Microvascular Anastomosis Course Madison, WI
Sep 14-18, 2018	Critical Care Echocardiography Albany Medical Center, Albany, NY
Oct 11-14, 2018	AANS/NREF Endovascular and Vascular Techniques Course Memphis, TN
Oct 14-16, 2018	4th World AVM Conference Montreal, Canada
Nov 30 - Dec 1, 2018	Microsurgical Skills Course Minneapolis, MN
Jan 24 - Feb 2, 2019	Chicago Review Course in Neurological Surgery Chicago, IL
May 31, 2019	New York State Neurosurgical Society Annual Meeting New York, NY
Aug 24, 2019	Advanced Endovascular Techniques and Devices Course Buffalo, NY
Oct 14-15, 2019	Stroke Knowledge Initiatives for Learning and Leadership (SKILLS) Fellows National Symposium Salt Lake City, UT
Oct 7-8, 2021	TRUFILL n-BCA Advanced Delivery Course Boston, MA
Oct 16-20, 2021	Congress of Neurological Surgeons (CNS) Annual Meeting Austin, TX
Nov 2-4, 2021	Cerenovus Fellows Course Las Vegas, NV
Mar 24, 2022	NUVASIVE XLIF and MAS-TLIF Course Paramus, NJ

Apr 29-May 2, 2022

**American Association of Neurological Surgeons (AANS)
Annual Scientific Meeting**
Philadelphia, PA

COMMUNITY PROJECTS

Sep 2011 to May 2015

Toledo Community Care Clinics
University of Toledo College of Medicine, Toledo, OH

Oct 2011 to May 2012

University of Toledo College of Medicine Scribe Program
University of Toledo Medical Center, Toledo, OH

PEER-REVIEWED PUBLICATIONS

- 1) Jiang M, **Entezami P**, Gamez M, Stamminger T, Imperiale MJ. Functional Reorganization of Promyelocytic Leukemia Nuclear Bodies During BK Virus Infection. *MBio*, Feb 2011; 2(1): e00281-10. PMID: 21304169.
- 2) **Entezami P**, Fox DA, Clapham PJ, Chung KC. Historical Perspective on the Etiology of Rheumatoid Arthritis. *Hand Clinics*, Feb 2011; 27(1): 1-10. PMID: 21176794.
- 3) **Entezami P**, Chung KC. The state of plastic surgery in China. *Plastic Surgery News*, Mar 2011: 22.
- 4) Ono S, **Entezami P**, Chung KC. Reconstruction of the Rheumatoid Hand. *Clinics in Plastic Surgery*, Oct 2011; 38(4): 713-27. PMID: 22032595.
- 5) **Entezami P**, Franzblau LE, Chung KC. Mentorship in Surgical Training: A Systematic Review. *Hand (NY)*, Mar 2012; 7(1): 30-6. PMID: 23448749.
- 6) Yalamanchili V, **Entezami P**, Langenburg SE, Stockmann PT. Consider Benign Müllerian Papilloma: A Rare Cause of Vaginal Bleeding in Children. *Pediatric Surgery International*, Oct 2014; 30(12): 1285-1287. PMID: 25330952.
- 7) **Entezami P**, Aminpour S. Revisiting Closure Options for Heavily Irradiated Tissue Following Mohs Excision: A Case Report and Review of Literature. *Annals of Medicine and Surgery*, Jan 2015; 4(1): 44-7. PMID: 25685345.
- 8) **Entezami P**, Hopper JA. Isolated Shoulder Weakness as a Result of a Cortical Infarction in the Precentral Gyrus. *Journal of Community Hospitals Internal Medicine Perspective*, Apr 2015; 5(2): 26220. PMID: 25846348.

- 9) Abdullah A, **Entezami P**, Halpin L, Mrak RE, Gaudin D. Protoplasmic Astrocytoma with Multifocal Involvement: Case Report and Radiological Findings. *British Journal of Radiology Case Reports*, May 2015; 1: 20150057. PMID: 30363198.
- 10) Medhkour A, **Entezami P**, Gatto-Weiss C. Acute Left-Sided Foot Drop Attributed to Recurrent Synovial Chondromatosis of the Lumbar Spine. *Journal of Spine*, May 2015; 4(3): 1000230. ISSN: 2165-7939.
- 11) **Entezami P**, Raff M, Bonner S. Visual Hallucinations Secondary to Infarction of the Caudate. *Journal of Neurology and Neurophysiology*, Jun 2015; 6(3): 1000298. ISSN: 2155-9562.
- 12) Perven G, **Entezami P**, Gaudin D. A Rare Case of Intramedullary ‘Whorling-Sclerosing’ Variant Meningioma: A Case Report and Review of Literature. *SpringerPlus*, Jul 2015; 4(1): 318. PMID: 26155457.
- 13) Al-Natour MS, **Entezami P**, Nazzal M, Casabianca AB, Assaly R, Riley K, Gaudin, D. Superior Vena Cava Syndrome with Retropharyngeal Edema as a Complication of Ventriculoatrial Shunt. *Clinical Case Reports*, Oct 2015; 3(10): 777-80. PMID: 26509004.
- 14) Margolis S, **Entezami P**, Braidia AL, Gaudin D. Breakage of Epidural Catheter: Importance of Proper Imaging. *Journal of Clinical Anesthesia*, Dec 2015; 27(8): 701-2. PMID: 26153336.
- 15) White-Dzuro GA, **Entezami P**, Wanna G, Russell P, Chambless LB. Single Operation to Repair Multifocal Cerebrospinal Fluid Fistulae Following Gunshot Wound: A Case Report. *Journal of Neurological Surgery Case Reports*, Jun 2016; 77(2): e89-93. PMID: 27330926.
- 16) Baum J, **Entezami P**, Shah K, Medhkour A. Predictors of Outcome in Traumatic Brain Injury. *World Neurosurgery*, Jun 2016; 90: 525-9. PMID: 26721615.
- 17) Riccio AR, **Entezami P**, Giuffrida A, Dowling J, Forrest G, German JW. Minimally Invasive Surgical Management of Thoracic Ossification of the Ligamentum Flavum Associated with X-linked Hypophosphatemia. *World Neurosurgery*, Oct 2016; 94: 580. PMID: 27481600.
- 18) Mansour T, Medhkour Y, **Entezami P**, Mrak R, Schroeder J, Medhkour A. The Art of Mimicry: Anterior Clinoid Dural-Based Cavernous Hemangioma Mistaken for a Meningioma. *World Neurosurgery*, Apr 2017; 100: 708. PMID: 28214640.
- 19) Schroeder J, LeFever D, **Entezami P**, Mrak RE. Multiple Supratentorial Subependymomas Causing Obstructive Hydrocephalus. *BMJ Case Reports*, Jun 2017; 3: 2017. PMID: 28578305.
- 20) **Entezami P**, Riccio AR, Kenning TJ. Intratumoral Hemorrhage within a Petrous Meningioma. *World Neurosurgery*; Jun 2018; 117: 246-8. PMID: 29936208.

- 21) **Entezami P**, Gooch MR, Poggi J, Perloff E, Dupin M, Adamo MA. Current Management of Pediatric Chiari type 1 Malformations. *Clinical Neurology and Neurosurgery*; Jan 2019; 176: 122-126. PMID 30557765.
- 22) **Entezami P**, Paul AR, Adamo MA, Boulos AS. Transient Episode of Alice in Wonderland Syndrome after Ventriculoperitoneal Shunt Revision. *World Neurosurgery*; Jan 2019; 121: 149-151. PMID: 30326315
- 23) **Entezami P**, Dalfino JC, O'Brien MW, Paul A. Endovascular Embolization of an Iatrogenic Superficial Temporal Artery Pseudoaneurysm Using Liquid Embolic. *BMJ Case Reports*; Jan 2019; 12(1). PMID: 30610033.
- 24) **Entezami P**, Boulos AS, Yamamoto J, Adamo MA. Pediatric Presentation of Intracranial Hemorrhage Due to Thrombosis of a Developmental Venous Anomaly. *BMJ Case Reports*; Jan 2019; 12(1). PMID: 30659007.
- 25) **Entezami P**, Adamo MA. Rare Pediatric Presentation of a Cavernous Angioma of the Septum Pellucidum. *Pediatric Neurosurgery*; Feb 2019; 7: 1-3. PMID: 30731472.
- 26) **Entezami P**, Sanders LN, Raval MP, Adepoju A, Yamamoto J. Spontaneous Subdural Hematoma in a Patient with Polycythemia Vera. *World Neurosurgery*; Feb 2019; 125: 354-6. PMID: 30780039.
- 27) Amarante M, **Entezami P**, Umrau K, Yamamoto J. Ventriculoperitoneal Shunt Catheter Tract Glioblastoma Multiforme Mimicking as Infection. *Interdisciplinary Neurosurgery*; Mar 2019; 15: 27-29.
- 28) **Entezami P**, Hwang R, Argoff C, Pilitsis J, Sukul VV. Management of Trigeminal Autonomic Cephalgia with Cranial Peripheral Nerve and Peripheral Field Stimulation. *Brain Stimulation*; Mar 2019: e121-22.
- 29) **Entezami P**, Gooch MR, Nourollahzadeh E, Dalfino JC. Delayed Revascularization of a Basilar Artery Occlusion due to Symptomatic Progression. *Neurosurgery – Cases and Reviews*; Mar 2019; 2(1): 010. DOI: 10.23937/NCR-2017/1710010.
- 30) **Entezami P**, Nourollahzadeh E, Adepoju A, Jones DM, Dalfino JC. Pathology Confirmation of Particle Embolization of Middle Meningeal Artery for Management of Subdural Hematoma. *Neurosurgery – Cases and Reviews*; Mar 2019; 2(1): 011. DOI: 10.23937/NCR-2017/1710011.
- 31) **Entezami P**, Nourollahzadeh E, Dalfino JC. Embolization of Middle Meningeal Artery for the Treatment of Headaches Induced by Chronic Subdural Hematoma. *Headache*; Apr 2019; 59(4): 615-18. PMID: 30953571.

- 32) **Entezami P**, Gooch MR, Dalfino JC. Endovascular Stenting of the Superior Sagittal Sinus to Alleviate Venous Compression Caused by a Parasagittal Meningioma. *BMJ Case Reports*; Apr 2019; 12(4). PMID: 30954959.
- 33) **Entezami P**, Gooch MR, Adepoju A, Pilitsis J, Kenning TJ, Boulos A, Semenoff DL. The History of Neurosurgery at Albany Medical College and Albany Medical Center Hospital, Albany, New York. *Neurosurgery*; Jul 2019; 85(1): E149-E157. PMID: 31004165.
- 34) **Entezami P**, Rubino S, O'Brien MW, Spurgas M, Dirisio D. Stabbing Injury of the Cervical Spinal Cord Resulting in Complete Bilateral Proprioception Loss. *World Neurosurgery*; Sep 2019; 129: 295-7. PMID: 31229754.
- 35) **Entezami P**, Boulos A, Paul AR, Nourollahzadeh E, Dalfino JC. Contrast Staining of Chronic Subdural Hematomas After Embolization of the Middle Meningeal Artery. *Interventional Neuroradiology*; Oct 2019; 25(5): 596-600. PMID: 31018739.
- 36) **Entezami P**, Custozzo A, Adamo MA. Macrocephaly Secondary to Superior Vena Cava Syndrome. *Pediatric Neurosurgery*; Feb 2020; 55(1): 42-45. PMID: 32069465.
- 37) Woi K, Ahn N, Ata A, Adamo MA, **Entezami P**, Edwards M. Pediatric Cervical Spine Injury in the United States: Defining the Burden of Injury, Need for Operative Intervention, and Disparities in Imaging Across Trauma Centers. *Journal of Pediatric Surgery*; Feb 2020; 56(2): 293-6. PMID: 32561174.
- 38) Paul AR, **Entezami P**, Nourollahzadeh E, Dalfino JC, Yamamoto J, Boulos A. Simultaneous Revascularization of the Occluded Internal Carotid Artery Using the Solitaire as a Workhorse Wire During Acute Ischemic Stroke Intervention. *Journal of Neurointerventional Surgery*; Apr 2020; 26(2): 205-210. PMID: 31696768.
- 39) **Entezami P**, Spurgas MP, Field NC, German JW. Cervical Subluxation Following Soccer (Football) Collision Requiring Fusion. *Open Journal of Case Reports in Medicine*; May 2020; 2(1): 1-3. DOI: 10.0000/OJCRM.1000110.
- 40) Szewczyk BS, Riccio AR, **Entezami P**, German JW. The Effect of Minimally Invasive Dorsal Cervical Decompression for Myelopathy on Spinal Alignment and Range of Motion. *Clinical Neurology and Neurosurgery*; Sep 2020; 28(196): 105967. PMID: 32604033.
- 41) Riccio A, **Entezami P**, Bishop A, Carl A. Debility Among Spinal Surgeons. *World Neurosurgery*; Sep 2020; 141: e254-60. PMID: 32434028.
- 42) **Entezami P**, German J, Adamo MA. Surprise High Lead Impedance Requiring Revision During Vagal Nerve Stimulator Generator Replacement. *Acta Neurochirurgica*; Sep 2020; 163: 1365-8. PMID: 32970237.

- 43) Dimou S, **Entezami P**, Jackson S. Metastatic Spread of Glioblastoma to External Ventricular Drain Tract. *Open Journal of Case Reports in Medicine*; Nov 2020; 2(2); 111. DOI: 10.0000/OJCRM.1000111.
- 44) Rosoklija G, **Entezami P**, Paul AR. Polymicrobial Thalamic Abscess Following a Complex Laparoscopic Assisted Hysterectomy. *Open Journal of Case Reports in Medicine*; Nov 2020; 2(2); 113. DOI: 10.0000/OJCRM.1000113.
- 45) Lim E, Khaleel H, Finnis N, **Entezami P**. A Lump from a Bump: Pseudoaneurysm of the Superficial Temporal Artery. *Open Journal of Case Reports in Medicine*; Nov 2020; 2(2); 114. DOI: 10.0000/OJCRM.1000114.
- 46) **Entezami P**, Devejian N, Rubino S, Smith N, Savery P, Cnkovic A, Adamo MA. Vegetation of Ventriculoatrial Shunt Managed via Multidisciplinary Surgical Approach. *World Neurosurgery*; Dec 2020; 144: 15-18. PMID: 32791225.
- 47) **Entezami P**, Adamo M. Adding Ears to Pediatric Cranial Dressings. *World Journal of Pediatric Surgery*; Dec 2020; 3: e000248. DOI: 10.1136/wjps-2020-000248.
- 48) Holden DN, Yung FH, **Entezami P**. Hypertonic Saline Buffered with Sodium Acetate for Intracranial Pressure Management. *Clinical Neurology and Neurosurgery*; Feb 2021; 201: 106435. PMID: 33373834.
- 49) **Entezami P**, Holden DN, Boulos AS, Paul AR, Field NC, Nourollahzadeh E, Yamamoto J, Dalfino JC. Cangrelor Dose Titration Using Platelet Function Testing During Cerebrovascular Stent Placement. *Interventional Neuroradiology*; Feb 2021; 27(1): 88-98. PMID: 32611215.
- 50) **Entezami P**, German JW, Adamo MA. Does One Week of Post-Operative Antibiotic Prophylaxis Reduce the Rate of Infection After Vagus Nerve Stimulator Surgery? *World Neurosurgery*; Feb 2021; S1878-8750(21): 171-6. PMID: 33549927.
- 51) Dalfino JC, Field NC, **Entezami P**. Outpatient Management of Chronic Expanding Subdural Hematomas with Endovascular Embolization to Minimize Inpatient Admissions During the COVID-19 Viral Pandemic. *Interventional Neuroradiology*; Feb 2021. PMID: 33593143.
- 52) Boulos AS, Holden DN, **Entezami P**, Field NC, Paul AR, Dalfino JC. Letter to the Editor: with Regards to “The Use of Cangrelor in Neurovascular Interventions: A Multicenter Experience.” *Neuroradiology*; Mar 2021; 63: 829-31. PMID: 33783554.
- 53) Sweeney JF, Chumbalkar V, Staudt MD, **Entezami P**, Qian J, Sukul VV. Anaplastic Pilocytic Astrocytoma of the Cerebellum Presenting with Conus Medullaris Drop Metastasis. *Case Reports in Clinical Pathology*; May 2021; 8(1): 10-16. DOI: 10.5430/crcp.v8n1p10.
- 54) Spinrad M, **Entezami P**, Dalfino JC. Intramedullary Spinal Cord Metastasis from Urothelial Carcinoma. *Acta Scientifica Neurology*; May 2021; 4(6): 121-124.

- 55) Szewczyk B, **Entezami P**, Tranmer B. Acute Hydrocephalus in an Adult Patient Secondary to Unruptured Arteriovenous Malformation. *Journal of Surgical Case Reports and Images*; May 2021; 4(4): 077. DOI: 10.31579/2690-1897/077.
- 56) Paul AR, **Entezami P**, Holden DN, Field NC, Dalfino JC, Boulos AS. Use of Intravenous Cangrelor and Stenting in Acute Ischemic Stroke Intervention: A New Single Center Analysis and Pooled-Analysis of Current Studies. *Interventional Neuroradiology*; May 2021; ePub (Ahead of Print). PMID: 33945341.
- 57) Gewolb DP, Entezami P, German JW, Narayan A. Rare Presentation of Intradural Calcium Pyrophosphate Dihydrate Crystal Deposition. *Neuroradiology*; May 2021; ePub (Ahead of Print). PMID: 33959790.
- 58) Prabhala T, **Entezami P**, Yamamoto J. Stent-in-Stent Technique for the Management of Blood Blister-Like Basilar Apex Aneurysms: Report of Two Cases. *Brain Circulation*; May 2021; 7(2): 128-131. PMID: 34189357.
- 59) **Entezami P**, German JW, Adamo MA. In Reply to the Letter to the Editor Regarding “Does a Week of Post-Operative Antibiotic Prophylaxis Reduce the Rate of Infection After Vagus Nerve Stimulator Surgery?” *World Neurosurgery*; Jun 2021; 150: 228. PMID: 34098644.
- 60) Prabhala T, **Entezami P**, Yamamoto J. Flow Diversion in the Setting of Primitive Persistent Trigeminal Artery Aneurysm. *Open Journal of Case Reports in Medicine*; Jun 2021; 3(1): 1-2. DOI: 10.0000/OJCRM.1000115.
- 61) **Entezami P**, Field NC, Qian J, Yamamoto J. Delayed Hypersensitivity Reaction to a Dural Repair Substitute. *British Journal of Neurosurgery*; Aug 2021; 35(4). PMID: 34397313.
- 62) **Entezami P**, Entezami P, Field NC, Nourollahzadeh E, Pinheiro-Neto CD, Dalfino JC. Neurosurgical Presentation of Vascular Compression Presenting as Visual Symptoms Secondary to Elongated Styloid Processes (Eagle Syndrome). *British Journal of Neurosurgery*; Aug 2021; 35(4). PMID: 35583046.
- 63) Dadashi E, **Entezami P**, De Tommasi C. Epidural Hematoma from Impact while Zorbing. *Brain Injury*; Sep 2021; 35(12-13): 1645-46. PMID: 34487474.
- 64) Holden DN, **Entezami P**, Bush M, Field NC, Paul AR, Boulos AS, Yamamoto J, Dalfino JC. Characterization of Antiplatelet Response to Low Dose Cangrelor Utilizing Platelet Function Testing in Neuroendovascular Patients. *Pharmacotherapy*; Sep 2021; 41(10): 811-9. PMID: 34496076.
- 65) Dalfino JC, **Entezami P**, Field NC, Rock AK, Letter to the Editor Regarding “Safely Traversing Venous Sinus Stenosis: The ‘Cobra’ Technique.” *Interventional Neuroradiology*; Oct 2021; Online ahead of print. PMID: 34633877.

- 66) Spurgas M, **Entezami P**, DiRisio DJ. Long Segment Anterior Cervical Discectomy and Fusion, Including C2. *Clinical Spine Surgery*; Feb 2022; 35(1): E13-18. PMID: 34369912.
- 67) Harland T, Prabhala T, Nardolillo A, Dalfino JC, Adamo MA, Paul AR, Boulos AS, **Entezami P**. Does Pre-Existing Anticoagulation or Antiplatelet Therapy Increase the Risk of Traumatic Subarachnoid Hemorrhage Progression? *Neurosurgery*; Mar 2022; 90(3): 300-5. PMID: 35006097.
- 68) MacDonell J, Field NC, **Entezami P**, Yamamoto J, Boulos AS, Dalfino JC, Paul AR. Comparison of Hydrogel Coils Versus Bare Platinum Coils for the Treatment of Anterior Communicating Artery Aneurysms. *Brain Circulation*; Mar 2022; 8(1): 6-9. PMID: 35372730.
- 69) **Entezami P**, Dalfino JC, Boulos AS, Yamamoto J, Holden DN, Field NC, Rock AK, Najera E, Paul AR. Use of Intravenous Cangrelor in the Treatment of Ruptured and Unruptured Cerebral Aneurysms: An Updated Single-Center Analysis and Pooled Analysis of Current Studies. *Journal of Neurointerventional Surgery*; Jun 2022; 27(6): ePub Ahead of Print. PMID: 35732485
- 70) **Entezami P**, Rock AK, Topp GP, Heydari ES, Field NC, Boulos AS, Dalfino JC, Yamamoto J, Pilitsis JG, Cherukupalli D, McCallum SE, Paul AR. Developing a Fast-Track Discharge Protocol for Patients with Cerebral Aneurysms Treated via Neuroendovascular Techniques. *Interventional Neuroradiology*; June 2022; ePub Ahead of Print. PMID: 35648585.
- 71) Spurgas MP, Shao MM, **Entezami P**, German JW. Use of Minimally Invasive Spine Surgery in the Management of High Grade Thoracolumbar Spine Injuries. *Journal of Minimally Invasive Spine Surgery and Techniques*; Jul 2022. DOI: 10.21182/jmisst.2022.00465.
- 72) **Entezami P**, Svorinic P, Adamo MA. The Importance of Computed Tomography when Diagnosing Craniosynostosis. *Neurology and Neurosurgery*; Sep 2022; 6: 1-4. DOI: 10.15761/NNS.1000142
- 73) **Entezami P**, O'Brien MW, Spurgas MP, Newman LC, Adamo MA. Utility of 3-Dimensionally Printed Models for Parent Education in Pediatric Plagiocephaly. *Patient Education and Counseling: Innovation*; Dec 2022, 1: 100077. DOI: doi.org/10.1016/j.pecinn.2022.100077.
- 74) Topp GP, **Entezami P**, Ambati S, Adamo MA. Cerebrospinal Fluid Leakage from Scrotum Secondary to Ventriculoperitoneal Shunt Migration. *Asian Journal of Neurosurgery*; Accepted: In print.
- 75) Mohan C, **Entezami P**, John S, Sylevych, Dip JH, Psirides A. Comparison of the Ability of the New Zealand Early Warning score (NZEWS) and the National Early Warning Score (NEWS) to Predict Adverse Inpatient Events in a 14 Million Vital Signs Dataset. *Anaesthesia: Peri-Operative Medicine, Critical Care, and Pain*; Accepted: In print.

SUBMITTED MANUSCRIPTS

- 1) Sweeney J, **Entezami P**, Bondoc M, Holdaway M, Adamo MA. Alcohol Use Disorder and Acute Traumatic Subdural Hematoma. *Brain Injury*; Under review.
- 2) Rock AK, Heydari ES, Dalfino JC, Mohan C, Boulos AS, Edwards KD, Paul AR, **Entezami P**. Recommendations for Cerebrovascular Imaging in Civilian Gunshot Wounds: A Systematic Review. *Emergency Radiology*; Under review.

MANUSCRIPTS IN PROCESS

- 1) **Entezami P**, Napier T, Bird P, Entezami P, Boet R. Modified Closure to Improve CSF Leaking After Translabyrinthine Surgery.
- 2) Holden DN, **Entezami P**, Warner S, Boulos AS, Paul AR, Field N, Yamamoto J, Dalfino JC. Titration of Ticagrelor Dosing Utilizing Platelet Function Testing in Neuroendovascular Patients.

BOOK CHAPTERS

- 1) Lin PY, **Entezami P**, Chung KC. Anterolateral Thigh Flap. In: Slutsky DJ, ed. Art of Microsurgical Hand Reconstruction. Thieme Medical Publishers, Inc., New York, NY; 2013: 369-375. ISBN-13: 978-1604067767.
- 2) **Entezami P**, Hwang RS, Sukul VV. Spasticity: Evaluation, Medical, and Preoperative Consideration. In: Brown JA, Pilitsis JG, Schulder M, eds. Functional Neurosurgery: The Essentials. Thieme Medical Publishers, Inc., New York, NY; 2019: 64-66. ISBN-13: 978-1626237742.
- 3) **Entezami P**, Dalfino JC. Management of Vertebral Artery Origin Stenosis. In: Bendok BR, ed. Hemorrhagic and Ischemic Stroke. *In process*.
- 4) **Entezami P**, Field NC, Nourollahzadeh E. Cerebrovascular Angiopathy in Pregnancy. In: Gupta G, ed. Neurological Disorders in Pregnancy – A Comprehensive Clinical Guide. Springer. *In process*.
- 5) Downs J, **Entezami P**, Mane A. Fluid Management in Traumatic Brain Injury. In: Prabhakar H, ed. Transfusion Practices in Clinical Neurosciences. *In process*.

ABSTRACTS AND POSTER PRESENTATIONS

- 1) Jiang M, **Entezami P**, Gamez M, Stamminger T, Imperiale MJ. "Interrelationships between BK virus infection and PML bodies." The 28th American Society for Virology Annual Meeting: Jul 11, 2009; Vancouver, BC, Canada.
- 2) Jiang M, **Entezami P**, Gamez M, Stamminger T, Imperiale MJ. "Interrelationships between BK Virus infection and PML bodies." Molecular Biology of DNA Tumor Viruses Conference: Jul 13, 2010; Madison, WI.
- 3) Shaza A, Potocnik EA, **Entezami P**, Marco, CA. "Hand hygiene compliance in the emergency department among attendings and residents." Society of Academic Emergency Medicine (SAEM) Midwest Regional Meeting: Nov 8, 2013; Akron, OH.
- 4) **Entezami P**, Medhkour A. "Acute left-sided foot drop attributed to recurrent synovial chondromatosis of the lumbar spine." Annual Midwest Graduate Student Symposium: Mar 29, 2014; Toledo, OH.
- 5) Medhkour A, **Entezami P**. "Acute left-sided foot drop attributed to recurrent synovial chondromatosis of the lumbar spine." Congress of Neurological Surgeons Annual Meeting: Oct 18-22, 2014; Boston, MA.
- 6) **Entezami P**, Schroeder J, Jumaa M, Zaidi S, Buehler M, Baum J, LeFever D, Medhkour A. "Can Patients with Fixed and Dilated Pupils for More than One Hour Following AVM Rupture Have a Good Outcome?" The 11th Annual Emirates Critical Care Conference: April 9-11, 2015; Dubai, UAE.
- 7) **Entezami P**, Al-Natour M, Nazzal M, Casabianca AB, Gaudin D. "Superior Vena Cava Syndrome with Retropharyngeal Edema as a Complication of Ventriculoatrial Shunt." The 11th Annual Emirates Critical Care Conference: April 9-11, 2015; Dubai, UAE.
- 8) Medhkour A, **Entezami P**, Yoxthimer LM, Schroeder J, Mrak RE. "Anterior Clinoid Dural-Based Cavernous Hemangioma." AANS/CNS Section on Tumors 11th Biennial Satellite Symposium: May 1-2, 2015; Washington D.C.
- 9) Baum J, Medhkour A, Shah K, **Entezami P**, Mekus D. "Traumatic Lung Injury and Multiple Organ Trauma Effects on Traumatic Brain Injury Patients." Annual American Association of Neurological Surgeons Scientific Meeting: May 2-6, 2015; Washington D.C.
- 10) Medhkour A, **Entezami P**, Schroeder J, Jumaa M, Zaidi S, Buehler M, Baum J, LeFever D. "Can Patients with Fixed and Dilated Pupils for More than One Hour Following AVM Rupture Have a Good Outcome?" The 2nd Annual Meeting of the Société Algérienne de Neurochirurgie: May 15-16, Algiers, Algeria.
- 11) Massie L, **Entezami P**, Medhkour A. "Should Acute Subdural Hematoma of the Elderly be Aggressively Treated?" Congress of Neurological Surgeons Annual Meeting: Sep 26-30,

2015; New Orleans, LA.

- 12) Al-Natour M, **Entezami P**, Nazzal M, Casabianca AB, Gaudin D. “Superior Vena Cava Syndrome with Retropharyngeal Edema as a Complication of Ventriculoatrial Shunt.” Congress of Neurological Surgeons Annual Meeting: Sep 26-30, 2015; New Orleans, LA.
- 13) Baum J, **Entezami P**, Medhkour A. “Clinical and Laboratory Parameter Effects on Traumatic Brain Injury Patients.” Annual Clinical Congress of the American College of Surgeons: Oct 4-8, 2015; Chicago, IL.
- 14) **Entezami P**, Nazzal M, Casabianca AB, Gaudin D. “Superior Vena Cava Syndrome with Retropharyngeal Edema as a Complication of Ventriculoatrial Shunt.” 11th Annual Emirates Critical Care Conference: Apr 11, 2015; Dubai, UAE.
- 15) **Entezami P**, Nazzal M, Casabianca AB, Gaudin D. “Superior Vena Cava Syndrome with Retropharyngeal Edema as a Complication of Ventriculoatrial Shunt.” Congress of Neurological Surgeons Annual Meeting: Sep 26-30, 2015; New Orleans, LA.
- 16) Mansour TR, Alnemari A, Ashour O, Pillai S, **Entezami P**, Buehler M, Gaudin D. “Evaluating the Microstructural Integrity of Pyramidal Tracts in Chiari I Malformation Patients Using Diffusion Tensor Imaging.” Congress of Neurological Surgeons Annual Meeting: October 7-11, 2017; Boston, MA.
- 17) **Entezami P**, Gooch MR, Poggi J, Perloff E, Dupin M, Adamo MA. “Modern Management of Pediatric Chiari Type 1 Malformations.” Resident Research Symposium: Apr 26, 2018; Albany, NY.
- 18) **Entezami P**, Szewczyk BS, Riccio AR, German JW. “The Effect of Minimally Invasive Dorsal Cervical Decompression for Myelopathy on Spinal Alignment and Range of Motion.” Resident Research Symposium: Apr 26, 2018; Albany, NY.
- 19) **Entezami P**, Hwang R, Sukul VV. “Treatment of Trigeminal Autonomic Cephalgia with Trigger Point Stimulation.” NYC Neuromodulation Conference: Aug 23-26, 2018; New York, NY.
- 20) **Entezami P**, Boulos A, Yamamoto J, Adamo MA. “Pediatric Presentation of Intracranial Hemorrhage due to Thrombosis of a Developmental Venous Anomaly.” 4th World AVM Conference: Oct 14-16, 2018; Montreal, Canada.
- 21) **Entezami P**, Nourollahzadeh E, Dalfino JC. “Treatment of Dural Arteriovenous Fistula via Combined Trans-Arterial Embolization and Stenting of Transverse Sinus.” 4th World AVM Conference: Oct 14-16, 2018; Montreal, Canada.
- 22) **Entezami P**, Paul AR, Nourollahzadeh E, Dalfino JC, Yamamoto J, Boulos A. “Simultaneous Revascularization of the Occluded Internal Carotid Artery using the Solitaire as a Workhorse Wire During Acute Ischemic Stroke.” Resident Research Symposium: Apr

25, 2019; Albany, NY.

- 23) Holden DN, Warner S, **Entezami P**, Nourollahzadeh E, Dalfino JC, Paul AR, Boulos A. “Bridging Antiplatelet Therapy with Cangrelor in Patients with Intracranial and Carotid Artery Stents Unable to Take Oral Anticoagulants: A Retrospective Case Series.” Neurocritical Care Society 17th Annual Meeting: Oct 15-18, 2019; Vancouver, BC, Canada.
- 24) Holden DN, Warner S, **Entezami P**, Nourollahzadeh E, Dalfino JC, Paul AR, Boulos A. “A Single Center Retrospective Review of Dose Titration of Ticagrelor Utilizing Platelet Function Testing in Neuroendovascular Patients with Intracranial or Carotid Stents.” Neurocritical Care Society 17th Annual Meeting: Oct 15-18, 2019; Vancouver, BC, Canada.
- 25) Savery P, Crnkovic A, **Entezami P**. “High Risk Removal of Ventriculoatrial Shunt Vegetation via Right Atriotomy and Cardiopulmonary Bypass.” American Society of Anesthesiologists: Oct 19-23, 2019; Orlando, FL.
- 26) Paul AR, MacDonell J, Field N, **Entezami P**, Boulos AS. “Diversion or Bypass of Local Stroke Center for Mechanical Thrombectomy Associated with Better Neurological Outcome Compared to Interhospital Transfer.” Society of Neurointerventional Surgery: August 4-7, 2020; San Diego, CA (Virtual Conference).
- 27) MacDonell J, Field N, **Entezami P**, Boulos AS, Dalfino JC, Paul AR. “Aneurysm Recurrence in Anterior Communicating Artery Aneurysms Treated with Hydrogel Coated Coils Compared to Bare Metal Coils.” Society of Neurointerventional Surgery: August 4-7, 2020; San Diego, CA (Virtual Conference).
- 28) Paul AR, MacDonell J, Field N, **Entezami P**, Boulos AS, Dalfino JC. “Diversion or Bypass of Local Stroke Center for Mechanical Thrombectomy Associated with Better Neurologic Outcome Compared to Interhospital Transfer.” Society of Neurointerventional Surgery: August 4-7, 2020; San Diego, CA (Virtual Conference).
- 29) Gewolb D, **Entezami P**, German JW, Narayan A. “Intradural Calcium Pyrophosphate Dihydrate Deposition of the Lumbar Spine.” Annual Symposium of the American Society of Spine Radiology: Feb 19-21, 2021 (Virtual Conference).
- 30) **Entezami P**, Dalfino JC. “Endovascular Dural Sinus Reconstruction in the Setting of Invasive Tumors.” CNS Annual Meeting: Oct 16-20, 2021; Austin, TX.
- 31) Dalfino JC, **Entezami P**. “Rebranding Chronic Subdural Hematomas as Fistulae.” CNS Annual Meeting: Oct 16-20, 2021; Austin, TX.
- 32) Harland T, Prablaha T, Nardolillo A, Dalfino JC, Adamo MA, Paul AR, Boulos AS, **Entezami P**. Does Anticoagulation or Antiplatelet Therapy Increase the Risk of Traumatic Subarachnoid Hemorrhage Progression? CNS Annual Meeting: Oct 16-20, 2021; Austin, TX.

- 33) **Entezami P**, Rock A, Topp G, Heydari E, Field NC, Dalfino JC, Yamamoto J, Boulos AS, Pilitsis JG, Paul AR. Enhanced Recovery After Surgery (ERAS) for Patients with Cerebral Aneurysms Treated via Neuroendovascular Techniques. Albany Medical College Graduate Presentation Meeting: Feb 28, 2022; Albany, NY.
- 34) Mohan C, **Entezami P**, John S, Sylevych, Dip JH, Psirides A. Comparison of the Ability of the New Zealand Early Warning score (NZEWS) and the National Early Warning Score (NEWS). Resident Research Symposium: Apr 14, 2022; Albany, NY.
- 35) Najera E, **Entezami P**, Rock A, Boulos AS, Yamamoto J. Basal Interhemispheric Approach for Complex Anterior Communicating Aneurysms: Anatomic Study and Surgical Nuances for Perforators Preservation. Annual American Association of Neurological Surgeons Scientific Meeting: April 29, 2022; Philadelphia, PA.
- 36) **Entezami P**, Rock AK, Topp GP, Heydari ES, Field NC, Boulos AS, Dalfino JC, Yamamoto J, Pilitsis JG, Cherukupalli D, McCallum SE, Paul AR. Developing a Fast-Track Discharge Protocol for Patients with Cerebral Aneurysms Treated via Neuroendovascular Techniques. New York State Neurosurgical Society Annual Meeting: May 6, 2022; New York, NY.
- 37) Field NC, **Entezami P**, Dalfino JC, Boulos AS, Rock AK, Edinson N, Paul AR. Active Notification of Large Vessel Occlusions by Artificial Intelligence Application is Superior to Passive CT Perfusion Interpretation for Initiating Thrombectomy and Stroke Patient Transfer. Congress of Neurological Surgeons Annual Meeting: October 8-12, 2022; San Francisco, CA.
- 38) Rock AK, Heydari ES, Dalfino JC, Mohan C, Boulos AS, Edwards KD, Paul AR, **Entezami P**. Recommendations for Cerebrovascular Imaging in Civilian Gunshot Wounds: A Systematic Review. Congress of Neurological Surgeons Annual Meeting: October 8-12, 2022; San Francisco, CA.
- 39) Sweeney J, **Entezami P**, Bondoc M, Holdaway M, Adamo MA. Alcohol Use Disorder and Acute Traumatic Subdural Hematoma. Congress of Neurological Surgeons Annual Meeting: October 8-12, 2022; San Francisco, CA.

LECTURES AND ORAL PRESENTATIONS

- 1) **Entezami P**. Effect of BK Virus Infection on Promyelocytic Leukemia Bodies. University of Michigan, Department of Microbiology Undergraduate Research Symposium: Jul 23, 2010, Ann Arbor, MI.
- 2) **Entezami P**, Potocnik EA. Clinical Decision Making Ethics within Mental Health. University of Toledo College of Medicine Ethics Showcase: Apr 15, 2013; Toledo, OH.
- 3) **Entezami P**. Introduction to Neurological Surgery. Albany Medical College Symposium: Jul 22, 2018; Albany, NY.

- 4) **Entezami P.** Update on Cerebrovascular Emergencies. Emergency Medical Services Educational Symposium: Nov 22, 2018; Albany, NY.
- 5) **Entezami P.** Cerebrovascular Emergencies for Emergency Medical Services. Emergency Medical Services Annual Educational Day: May 20, 2019; Albany, NY.
- 6) **Entezami P.** Balloon Angioplasty of the Occluded Internal Carotid Artery Using the Solitaire as a Workhorse Wire During Acute Ischemic Stroke. New York State Neurosurgical Society Annual Meeting: May 31, 2019; New York, NY.
- 7) **Entezami P.** Contemporary Management of Cervical Spine Injuries. Albany Medical Center Trauma Symposium. Oct 16, 2019; Albany, NY.
- 8) **Entezami P.** Intraoperative Ultrasound in Neurosurgery. Neurosciences Grand Rounds, Albany Medical Center. Jun 3, 2021; Albany, NY.
- 9) **Entezami P, Adamo MA.** Non-Accidental Head Trauma. Albany Medical Center Pediatric Seminar on Maltreatment. Jul 19, 2021; Albany, NY. Neurosciences Grand Rounds, Albany Medical Center. Jun 23, 2022; Albany, NY.
- 10) **Entezami P, Dalfino JC.** Arm Thrombectomy Using Neuroendovascular Techniques. Annual American Association of Neurological Surgeons Scientific Meeting, Session on Endovascular Problems and Solutions: April 29, 2022; Philadelphia, PA.
- 11) **Entezami P.** Update on Thrombectomy Despite Large Ischemic Territories.

GRANTS

- 1) **Safety and Efficacy of Cangrelor in Neurointerventional Surgery.**
Investigator-initiated, industry-sponsored protocol.
Grant Agency: Chiesi Farmaceutici, Parma, Italy
Awarded: Sep 2022

CURRENT PROJECTS

- 1) **Principal-Investigator**, Evaluation of Imaging Used to Identify Craniosynostosis and Rate of Metabolic Disturbances After Vault Reconstruction.
- 2) **Principal-Investigator**, Using 3D Models to Improve Parental Understanding of Craniosynostosis and Plagiocephaly.

- 3) **Sub-Investigator**, Confidence Trial: Carotid Stent Trial to Evaluate the Safety & Efficacy of the Roadsaver™ Stent Used in Conjunction with Nanoparasol® Embolic Protection System for Patients at increased Risk for Adverse Events from Carotid Endarterectomy.
- 4) **Sub-Investigator**, ENRICH Study: Early Minimally-invasive Removal of ICH, A multi-center, randomized, adaptive clinical trial comparing medical management to early surgical hematoma evacuation using minimally invasive parafascicular surgery in the early treatment of acute spontaneous supratentorial intracerebral hemorrhage.
- 5) **Sub-Investigator**, Cangrelor as Antithrombotic Therapy for Urgent and Emergent Neurointerventional Stent Placement.
- 6) **Sub-Investigator**, PHIL DAVF: Study of PHIL Embolic System in the Treatment of Intracranial Dural Arteriovenous Fistulas.
- 7) **Sub-Investigator**, Predicting Factors for Radiologic and Clinical Outcomes in Acute Stroke Thrombectomy.

PREVIOUS/COMPLETED PROJECTS

- 1) **Principal-Investigator**, Experience with Vagus Nerve Stimulator Surgery at Albany Medical Center.
Mar 2019 to Feb 2021
- 2) **Sub-Investigator**, WEB Intrasaccular Therapy Study (WEB-IT).
Aug 2015 to May 2021

PUBLICATION EDITOR EXPERIENCE

- 1) Chung KC, Yang LJS, and McGillicuddy JE, eds. Practical Management of Pediatric and Adult Brachial Plexus Palsies. Philadelphia, PA: Elsevier Saunders Publishing; 2012.
 - Edited text in its entirety for formatting and grammar, managed illustrations, and photographs, and coordinated materials between the authors and Elsevier Publishing.
- 2) Chung, KC, ed. Operative Techniques: Hand and Wrist Surgery, 2nd edition. Philadelphia, PA: Elsevier Saunders Publishing; 2012.
 - Obtained and edited supplemental surgical videos, managed illustrations, and photographs, and coordinated materials between the authors and Elsevier Publishing.