

Stanford

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CLINICAL OFFICES

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Bio

CLINICAL FOCUS

- Neurosurgery

ACADEMIC APPOINTMENTS

- Clinical Instructor, Neurosurgery

PROFESSIONAL EDUCATION

- Residency: Riverside University Health System Neurosurgery Re (2022) CA
- Internship: Riverside University Health System Neurosurgery Re (2016) CA
- Medical Education: Lake Erie College of Osteopathic Medicine (2015) PA

Publications

PUBLICATIONS

- **P13BP, a Calpain-2-Mediated Breakdown Product of PTPN13, Is a Novel Blood Biomarker for Traumatic Brain Injury.** *Journal of neurotrauma*
Wang, Y., Brazdzionis, J., Dong, F., Patchana, T., Ghanchi, H., Podkovik, S., Wiginton, J. G., Marino, M., Duong, J., Wacker, M., Miulli, D. E., Neeki, M., Bi, et al
2021; 38 (22): 3077-3085
- **Pediatric Temporal Lobe Meningioma With Meningioangiomatosis Mimicking Invasive Meningioma.** *Cureus*
Hassan, O., Ghanchi, H., DeLos Reyes, K., Raghavan, R., Minasian, T.
2021; 13 (10): e18819
- **Radiolucent carbon fiber-reinforced implants for treatment of spinal tumors- clinical, radiographic, and dosimetric considerations.** *World neurosurgery*
Takayanagi, A., Siddiqi, I., Ghanchi, H., Lischalk, J., Vrionis, F., Ratliff, J., Bilsky, M., Hariri, O. R.
2021
- **Diagnosis, Management, and Treatment Options: A Cervical Spine Osteochondroma Meta-Analysis.** *World neurosurgery*
Fowler, J., Takayanagi, A., Fiani, B., Cathel, A., Sarhadi, K. J., Arshad, M., Lau, S., Siddiqi, I., Ghanchi, H., Wolberg, A., Hariri, O.
2021; 149: 215-225.e6
- **Timing of Chemoradiation in Newly Diagnosed Glioblastoma: Comparative Analysis Between County and Managed Care Health Care Models.** *World neurosurgery*
Toor, H., Savla, P., Podkovik, S., Patchana, T., Ghanchi, H., Kashyap, S., Tashjian, V., Miulli, D.
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- **Osteopathic Manipulative Treatment to Optimize the Glymphatic Environment in Severe Traumatic Brain Injury Measured With Optic Nerve Sheath Diameter, Intracranial Pressure Monitoring, and Neurological Pupil Index.** *Cureus*
Kashyap, S., Brazdzionis, J., Savla, P., Berry, J. A., Farr, S., Patchana, T., Majeed, G., Ghanchi, H., Bowen, I., Wacker, M. R., Miulli, D. E.
2021; 13 (3): e13823
- **Resolution of tardive tremor after bilateral subthalamic nucleus deep brain stimulation placement.** *Surgical neurology international*
Kashyap, S., Ceponiene, R., Savla, P., Bernstein, J., Ghanchi, H., Ananda, A.
2020; 11: 444
- **Use of Endovascular Simulator in Training of Neurosurgery Residents - A Review and Single Institution Experience.** *Cureus*
Patchana, T., Wiginton, J., Ghanchi, H., Favre, A. W., Tayag, E. C., Schiraldi, M., Miulli, D. E.
2020; 12 (12): e11931
- **Spinal Arteriovenous Malformation: Case Report and Review of the Literature.** *Cureus*
Patchana, T., Savla, P., Taka, T. M., Ghanchi, H., Wiginton, J., Schiraldi, M., Cortez, V.
2020; 12 (11): e11614
- **Generalized Dystonia Treated With Deep Brain Stimulator: An Institutional Single Surgeon Experience.** *Cureus*
Ghanchi, H., Bernstein, J. E., Taka, T. M., Patchana, T., Kashyap, S., Hariri, O. R., Jamshidi, A. O., Ananda, A. K.
2020; 12 (10): e10992
- **Pentobarbital Coma With Therapeutic Hypothermia for Treatment of Refractory Intracranial Hypertension in Traumatic Brain Injury Patients: A Single Institution Experience.** *Cureus*
Bernstein, J. E., Ghanchi, H., Kashyap, S., Podkovik, S., Miulli, D. E., Wacker, M. R., Sweiss, R.
2020; 12 (9): e10591
- **Racial Disparity Amongst Stroke Patients During the Coronavirus Disease 2019 Pandemic.** *Cureus*
Ghanchi, H., Patchana, T., Wiginton, J., Browne, J. D., Ohno, A., Farahmandian, R., Duong, J., Cortez, V., Miulli, D. E.
2020; 12 (9): e10369
- **Acquired Holmes Tremor in a Human Immunodeficiency Virus Immune Reconstitution Inflammatory Syndrome Patient Treated with Deep Brain Stimulation.** *World neurosurgery*
Ghanchi, H., Siddiqi, I., Patchana, T., Ananda, A.
2020; 141: 253-259
- **Effects of the COVID-19 Pandemic on Stroke Patients.** *Cureus*
Ghanchi, H., Takayanagi, A., Savla, P., Hariri, O. R., Tayag, E. C., Schiraldi, M., Jorgensen, L., Miulli, D. E.
2020; 12 (8): e9995
- **Subgaleal hematoma evacuation in a pediatric patient: A case report and review of the literature.** *Surgical neurology international*
Patchana, T., Ghanchi, H., Taka, T., Calayag, M.
2020; 11: 243
- **Pediatric sellar solitary fibrous tumor/ hemangiopericytoma: A rare case report and review of the literature.** *Surgical neurology international*
Ghanchi, H., Patchana, T., Christian, E., Li, C., Calayag, M.
2020; 11: 238
- **Spontaneous Spinal Subdural Hematoma Mimicking Myocardial Infarction.** *Cureus*
Ghanchi, H., Siddiqi, I., Takayanagi, A., Patchana, T., Fakhoury, F. J.
2020; 12 (7): e9486
- **Case Report: Projectile Into Right Frontal Lobe From a Nail Gun.** *Cureus*
Patchana, T., Taka, T. M., Ghanchi, H., Wiginton, J., Wacker, M.
2020; 12 (7): e9460
- **Primary Angiitis of the Central Nervous System Presenting as a Cerebral Mass Lesion: A Case Report and Literature Review.** *Cureus*
Bernstein, J. E., Podkovik, S., Kashyap, S., Ghanchi, H., Ananda, A. K.
2020; 12 (6): e8511
- **The Unsuccessful Twiddler: A Case of Twiddler's Syndrome Without Deep Brain Stimulator Lead Breakage.** *Cureus*

- Ghanchi, H., Taka, T. M., Bernstein, J. E., Kashyap, S., Ananda, A. K.
2020; 12 (4): e7786
- **Increased Brain Tissue Oxygen Monitoring Threshold to Improve Hospital Course in Traumatic Brain Injury Patients.** *Cureus*
Patchana, T., Wiginton, J., Brazdzionis, J., Ghanchi, H., Zampella, B., Toor, H., Dorkoski, R., Mannickarottu, A., Wacker, M., Sweiss, R., Miulli, D. E.
2020; 12 (2): e7115
 - **Cervical osteochondroma: surgical planning.** *Spinal cord series and cases*
Fowler, J. n., Takayanagi, A. n., Siddiqi, I. n., Ghanchi, H. n., Siddiqi, J. n., Veeravagu, A. n., Desai, A. n., Vrionis, F. n., Hariri, O. R.
2020; 6 (1): 44
 - **Diagnosis of Rhinocerebral Mucormycosis by Treatment of Cavernous Right Internal Carotid Artery Occlusion With Mechanical Thrombectomy: Special Case Presentation and Literature Review.** *Frontiers in neurology*
Kashyap, S., Bernstein, J., Ghanchi, H., Bowen, I., Cortez, V.
2019; 10: 264
 - **Bedside Intracranial Hematoma Evacuation and Intraparenchymal Drain Placement for Spontaneous Intracranial Hematoma Larger than 30cc in Volume: Institutional Experience and Patient Outcomes.** *Journal of neurosciences in rural practice*
Carson, T., Ghanchi, H., Billings, M., Cortez, V., Sweiss, R., Miulli, D.
2018; 9 (4): 582-586
 - **Novel Method of Non-contact Remote Measurement of Neuronal Electrical Activity.** *Cureus*
Carson, T. A., Ghanchi, H., Toor, H., Majeed, G., Wiginton, J. G., Zhang, Y., Miulli, D. E.
2018; 10 (9): e3384
 - **Metastatic Nongestational Choriocarcinoma to the Brain: Case Report and Proposed Treatment Recommendations.** *World neurosurgery*
Duong, J., Ghanchi, H., Miulli, D., Kahlon, A.
2018; 115: 170-175
 - **Multiple Extradural Spinal Meningiomas in a Patient with Acquired Immunodeficiency Syndrome: Case Report and Literature Review.** *World neurosurgery*
Ghanchi, H. n., Hariri, O. R., Takayanagi, A. n., Li, G. n.
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 - **Abdominal pseudocyst as a complication of ventriculoperitoneal shunt placement: Review of the literature and a proposed algorithm for treatment using 4 illustrative cases.** *Surgical neurology international*
Kashyap, S., Ghanchi, H., Minasian, T., Dong, F., Miulli, D.
2017; 8: 78
 - **Unusual Metastasis of Papillary Thyroid Cancer to the Thoracic Spine: A Case Report, New Surgical Management Proposal, and Review of the Literature.** *Cureus*
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