

Stanford



Kunal Varshneya

MD Student, expected graduation Spring 2022

Bio

BIO

Medical student interested in spine surgery and big data analytics.

EDUCATION AND CERTIFICATIONS

- Bachelor of Science, University of Southern California , Neuroscience (2016)

Publications

PUBLICATIONS

- **Risks, costs, and outcomes of cerebrospinal fluid leaks after pediatric skull fractures: a MarketScan analysis between 2007 and 2015** *NEUROSURGICAL FOCUS*
Varshneya, K., Rodrigues, A. J., Medress, Z. A., Stienen, M. N., Grant, G. A., Ratliff, J. K., Veeravagu, A.
2019; 47 (5): E10
- **Trends in Anterior Lumbar Interbody Fusion in the United States: A MarketScan Study From 2007 to 2014.** *Clinical spine surgery*
Varshneya, K., Medress, Z. A., Jensen, M., Azad, T. D., Rodrigues, A., Stienen, M. N., Desai, A., Ratliff, J. K., Veeravagu, A.
2019
- **A Descriptive Analysis of Spinal Cord Arteriovenous Malformations: Clinical Features, Outcomes, and Trends in Management.** *World neurosurgery*
Varshneya, K., Pendharkar, A. V., Azad, T. D., Ratliff, J. K., Veeravagu, A.
2019
- **Grade II Spondylolisthesis: Reverse Bohlman Procedure with Trans-Discal S1-L5 and S2Ai Screws Placed with Robotic Guidance.** *World neurosurgery*
Ho, A. L., Varshneya, K., Medress, Z. A., Pendharkar, A. V., Sussman, E. S., Cheng, I., Veeravagu, A.
2019
- **A simple three-dimensional hydrogel platform enables ex vivo cell culture of patient and PDX tumors for assaying their response to clinically relevant therapies.** *Molecular cancer therapeutics*
Hribar, K. C., Wheeler, C. J., Bazarov, A., Varshneya, K., Yamada, R., Buckley, P., Patil, C. G.
2019
- **Adult Spinal Deformity Surgery in Patients With Movement Disorders: A Propensity-matched Analysis of Outcomes and Cost.** *Spine*
Varshneya, K., Azad, T. D., Pendharkar, A. V., Desai, A., Cheng, I., Karikari, I., Ratliff, J. K., Veeravagu, A.
2020; 45 (5): E288–E295
- **Timing of Adjuvant Radiation Therapy and Risk of Wound-Related Complications Among Patients With Spinal Metastatic Disease** *GLOBAL SPINE JOURNAL*
Azad, T. D., Varshneya, K., Herrick, D. B., Pendharkar, A., Ho, A. L., Stienen, M., Zygorakis, C., Bagshaw, H. P., Veeravagu, A., Ratliff, J. K., Desai, A.
2019

- **Patterns of Opioid and Benzodiazepine Use in Opioid-Naive Patients with Newly Diagnosed Low Back and Lower Extremity Pain.** *Journal of general internal medicine*
Azad, T. D., Zhang, Y., Stienen, M. N., Vail, D., Bentley, J. P., Ho, A. L., Fatemi, P., Herrick, D., Kim, L. H., Feng, A., Varshneya, K., Jin, M., Veeravagu, et al
2019
- **Laminectomy versus Corpectomy for Spinal Metastatic Disease-Complications, Costs, and Quality Outcomes.** *World neurosurgery*
Azad, T. D., Varshneya, K., Ho, A. L., Veeravagu, A., Sciubba, D. M., Ratliff, J. K.
2019
- **Initial Provider Specialty Is Associated With Long-term Opiate Use in Patients With Newly Diagnosed Low Back and Lower Extremity Pain** *SPINE*
Azad, T. D., Vail, D., Bentley, J., Han, S. S., Suarez, P., Varshneya, K., Mittal, V., Veeravagu, A., Desai, M., Bhattacharya, J., Ratliff, J. K.
2019; 44 (3): 211–18
- **Expenditures and Health Care Utilization Among Adults With Newly Diagnosed Low Back and Lower Extremity Pain.** *JAMA network open*
Kim, L. H., Vail, D., Azad, T. D., Bentley, J. P., Zhang, Y., Ho, A. L., Fatemi, P., Feng, A., Varshneya, K., Desai, M., Veeravagu, A., Ratliff, J. K.
2019; 2 (5): e193676
- **Lumboperitoneal and Ventriculoperitoneal Shunting for Idiopathic Intracranial Hypertension Demonstrate Comparable Failure and Complication Rates.** *Neurosurgery*
Azad, T. D., Zhang, Y., Varshneya, K., Veeravagu, A., Ratliff, J. K., Li, G.
2019
- **A national perspective of adult gangliogliomas** *JOURNAL OF CLINICAL NEUROSCIENCE*
Varshneya, K., Sarmiento, J., Nuno, M., Lagman, C., Mukherjee, D., Nuno, K., Babu, H., Patil, C. G.
2016; 30: 65–70
- **Treatment and survival of supratentorial and posterior fossa ependymomas in adults** *JOURNAL OF CLINICAL NEUROSCIENCE*
Nuno, M., Yu, J. J., Varshneya, K., Alexander, J., Mukherjee, D., Black, K. L., Patil, C. G.
2016; 28: 24–30
- **Ecchordosis Physaliphora: Two Case Reports with Review of Literature, Proposed Diagnostic Criteria, and Classification Schema.** *Cureus Journal of Medical Science*
Lagman, C., Varshneya, K., Sarmiento, J., Turtz, A. R., Chitale, R. V.
2016
- **A Report on the Health and Literacy Attributes of Naga Valadia, A Rural Village in India.** *International Journal of Current Research*
Varshneya, K., Pangal, D., Borad, A., Patel, A., Tulpule, M., Menon, S., Menghani, R., Filback, R.
2016
- **Outcomes and factors associated with infant abusive head trauma in the US** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Nuno, M., Pelissier, L., Varshneya, K., Adamo, M. A., Drazin, D.
2015; 16 (5): 515–22
- **A clinical review of the efficacy of persistent hypoglycemia and ketogenic diet as an adjuvant therapy for high-grade gliomas.** *Cureus Journal of Medical Science*
Varshneya, K., Carico, C., Ortega, A., Patil, C. G.
2015
- **Just too many things to remember? A survey of paediatric trainees' recall of Advanced Paediatric Life Support (APLS) weight estimation formulae.** *Archives of disease in childhood*
Marikar, D., Varshneya, K., Wahid, A., Apakama, O.
2013; 98 (11): 921