

Dr Ashutosh Kumar

Profile

I am currently serving as an Assistant Professor in the Department of Neurosurgery at SGPGIMS, after completing my Post-Doctoral Fellowship and MCh from the same esteemed institution. My professional journey includes extensive clinical experience in Neuro-oncology, Neuro-vascular, and Spinal surgeries, complemented by a keen interest in clinical research.

Surgical sub-specialty and Research interest areas

- Minimally invasive and endoscopic spine surgery
- Congenital Craniovertebral Junction Anomalies
- Pediatric posterior fossa tumors
- Vestibular schwannomas

Publications

- Research articles in national and international journals= 58
- Book chapters= 12

Awards and Honours

- “Young Neurosurgeon Award” for original research: ‘Management Algorithm of Pediatric Syndromic Cranio-Vertebral Junction Anomaly (scVJA): Different strokes for difficult folks’ from the Neurological Society of India (NSI), 2019.
- Awarded “Young Neurosurgeon Award” at the World Federation of Skull Base Society (WFSBS), 2021.
- Awarded “Best Paper Award” at UP/UK Neurocon, 2021.
- Best research paper award 2023 (Assistant professor), SGPGIMS.
- 2022 **World Federation of Neurosurgery “Best Young Neurosurgeons Award”**, Bogota, Colombia.
- NSI 2023 Best Poster Award - 2nd prize. “Odontoid Groove: A Possible Solution to the Enigma of Odontoid Fracture Classification”.
- Best research paper award 2024 (Assistant professor), SGPGIMS.
- NSI-Best Research Paper Award in Neurosurgery 2024, NSICON 24, Kolkata (West Bengal)

Personal details

Name

- Dr Ashutosh Kumar

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- 17th February 1988

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Educational qualifications

- MBBS Madras Medical College
- MS LTMC&H, Mumbai
- MCh SGPGIMS
- PDF (Traumatology) SGPGIMS

Present positions

- Assistant professor
- Associate editor – JOSS (Journal of Spine Surgery)

Affiliation

- Department of Neurosurgery, SGPGIMS, Lucknow (UP), India



PUBLICATIONS

Published articles

- 1) **Kumar A**, Singh S, Dikshit P, Das KK, Srivastava AK. Occipital condyle syndrome in a case of rotatory atlantoaxial subluxation (type II) with craniovertebral junction tuberculosis: should we operate on “active tuberculosis?”. *Journal of Craniovertebral Junction and Spine*. 2020 Apr 1;11(2):143-7.
- 2) Mehrotra A, Singh S, Kanjilal S, **Kumar A**, Pal L, Mathur V, Paliwal VK, Sardhara J, Bhisora KS, Srivastava AK, Jaiswal AK, Behari S. Long-Term Epilepsy-Associated Tumors (LEATs): A Single-Center, Retrospective Series and Review of Literature on Factors Affecting the Seizure Outcome. *World Neurosurg*. 2020 Aug 10: S1878-8750(20)31801-5. doi: 10.1016/j.wneu.2020.08.036. Epub ahead of print. PMID: 32791221.
- 3) Singh S, **Kumar A**, Mehrotra A, Rao RN, Behari S. Nonsecretory Paraganglioma in Cavernous Sinus Masquerading as Meningioma. *World Neurosurg*. 2019 Jun; 126:399-404. doi: 10.1016/j.wneu.2019.02.111. Epub 2019 Mar 1. PMID: 30831293.
- 4) Harsh Deora, **Ashutosh Kumar**, Kuntal Kanti Das, Bitan Naik, Priyadarshi Dikshit, Arun Srivastava, Sanjay Behari. Excision of dumbbell shaped ganglioneuroma of cervical spine using a facet preserving inside out approach - What we know and what we learnt. *Interdisciplinary Neurosurgery*, Volume 18, 2019,100481, ISSN 2214-7519, <https://doi.org/10.1016/j.inat.2019.100481>.
- 5) Singh S, **Kumar A**, Bhisora KS, Srivastava AK, Behari S. An unusual case of solitary spinal intradural plasmacytoma: The unforeseen challenge. *J Craniovertebral Junction Spine*. 2019;10(3):192-196. doi: 10.4103/jcvjs.JCVJS_51_19.
- 6) Singh S, Sardhara J, Raiyani V, Sexena D, **Kumar A**, Bhisora KS, et al. Craniovertebral Junction Instability in Larsen Syndrome: An Institutional Series and Review of Literature. *Journal of Craniovertebral Junction and Spine*,2020. DOI: 10.4103/jcvjs.JCVJS_164_20 (Ahead of print)
- 7) **Kumar A**, Mathialagan A, Srivastava AK. Multiple spontaneous intra-diploic frontal encephalocele in a case of vestibular schwannoma with hydrocephalous. *Neurology India*. 2022 Jan 1;70(1):170-1.

- 8) **Ashutosh Kumar**, Ved Prakash Maurya, Sanjay Behari et al. Recurrence of Symptoms on The Long Term Follow Up Following Subtotal Resection of Ruptured Intraventricular Dermoid. “Neurology India”. DOI: 10.4103/0028-3886.325383
- 9) **Ashutosh Kumar**, Suyash Singh, Anant Mehrotra et al. Lesional Temporal Lobe Epilepsy: Does the “Uncommon” subgroup differ from the common causes? Indian Journal of Neurosurgery. DOI <https://doi.org/10.1055/s-0041-1730128>.
- 10) **Ashutosh Kumar**, Ved Prakash Maurya, Sanjay Behari et al. Clinicoradiological Features and Treatment Outcome of Supratentorial Intraparenchymal Epidermoid Cyst: A Report of Five Cases and Literature Review. Journal of Neurosciences in Rural Practice. <https://doi.org/10.1055/s-0041-1730125>.
- 11) Vanadan Raiyani, Jayesh Sardhara, Suyash Singh, Anant Mehrotra, Vinita Mani, Vimal Palliwal, Lily Pal, **Ashutosh Kumar**, Priyadarshi Dixit, Sanjay Behari. Seizure outcome after lesionectomy with or without concomitant anteromedial temporal lobectomy for low-grade gliomas of the medial temporal lobe. Asian Journal of Neurosurgery. DOI: 10.4103/ajns.AJNS_496_20
- 12) Aanchal Datta, **Ashutosh Kumar**, Suyash Singh et al. Factors Predicting “Postoperative Cerebellar Mutism Syndrome” After Posterior Fossa Tumor Excision in Pediatric Patients. Journal of Pediatric Neurosciences. DOI: 10.4103/jpn.JPN_38_21.
- 13) **Ashutosh Kumar**, Jayesh Sardhara. Caudal Regression Syndrome with Craniovertebral Junction Anomaly. Journal of Spinal Surgery. DOI: 10.4103/joss.joss_22_21.
- 14) **Ashutosh Kumar**, Anant Mehrotra, Pawan Kumar Verma et al. Anterior cervical meningocele with craniovertebral junction instability – A case report and literature review. Journal of Crainovertebral Junction and Spine. DOI: 10.4103/jcvjs.jcvjs_20_21.
- 15) Arun K Srivastava, Sashwat Mishra, **Ashutosh Kumar** et al. Treading Toward Anterolateral Skull Base by Unlocking the Frontotemporal Dural Fold Along with Extradural Clinoidectomy: Translation from A Cadaver to Clinical Scenario. Neurology India. DOI: 10.4103/0028-3886.325332

- 16) Jayesh C Sardhara, **Ashutosh Kumar**, Arun K Srivastava et al. Gravity Assisted Retraction Less Occipito Transtentorial and Trans-Splenic Approach for Posterior Third Ventricular Dermoid. *Neurology India*. DOI: 10.4103/0028-3886.333527.
- 17) **Kumar, A.**, Srivastava, A. K., Sahu, V., Sardhara, J., Pal, L., Bhaisora, K. S., ... & Behari, S. (2021). Primary Osseous Solitary Fibrous Tumor of C3 Vertebral Body: A Rare Case Report and Literature Review. *Journal of Spinal Surgery*, 8(4), 43-45.
- 18) Chandrashekhar Deopujari, Sanjay Behari, Krishna Shroff, **Ashutosh Kumar** et al. Intraventricular Craniopharyngiomas—Overcoming Their Relative Inaccessibility: Institutional Experience with a Review of Literature. *Frontiers in Neurology*. <https://doi.org/10.3389/fneur.2021.755784>.
- 19) **Kumar A**, Behari S, Sardhara J, Mishra P, Singh V, Raiyani V, Bhaisora KS, Srivastava AK. Quantitative assessment of brainstem distortion in vestibular schwannoma and its implication in occurrence of hydrocephalus. *Br J Neurosurg*. 2022 Mar 7:1-7. doi: 10.1080/02688697.2022.2047155. Epub ahead of print. PMID: 35254185.
- 20) Attri G, **Kumar A**, Singh S, Bhaisora KS. An Endoscopic Transcortical-Transventricular Approach to Septum Pellucidum Ganglioglioma. *Neurology India*. 2022 May 1;70(3):1278-80.
- 21) **Kumar A**, Sardhara JC, Singh G, Kanjilal S, Maurya VP, Behari S. Malignant Meningitis Associated with Hydrocephalus. *Neurol India*. 2021 Nov-Dec;69(Supplement):S443-S455. doi: 10.4103/0028-3886.332278. PMID: 35103001.
- 22) **Kumar, A.**, Sardhara, J., Mishra, P., Kapoor, V., Mehrotra, A., Raiyani, V., ... & Behari, S. (2022). The current status and surgical outcome of the minimally invasive techniques for lumbar interbody fusion in India: A systematic review and meta-analysis. *Journal of Craniovertebral Junction and Spine*, 13(3), 245-255.
- 23) **Kumar A**, Bhaisora KS, Rangari K, Mishra P, Raiyani V, Sardhara J, Maurya VP, Verma PK, Das KK, Mehrotra A, Srivastav AK. An analysis of temporal trend of incidence of post-resection cerebrospinal fluid diversion in pediatric posterior fossa tumor patients and the predictive factors. *Neurology India*. 2023 Jan 1;71(1):79-85.

- 24) **Kumar A**, Srivastava AK, Mishra S, Bhaisora KS, Das KK, Verma PK, Jaiswal AK, Behari S. Looking Beyond the Anterolateral Skull Base with Frontotemporal Dural Fold Unlocking and Extradural Clinoidectomy: A Series of 17 Cases Deciphering the Translation from a Cadaver to Real, and Real to Pathologically Distorted Anatomy. *Neurology India*. 2023 Mar 1;71(2):312-9.
- 25) **Kumar A**, Sardhara J, Verma PK, Bhaisora KS, Srivastav AK, Jaiswal A, Behari S, Kumar R. Posterior Fossa Midline Epidermoid Tumors: Role of the Inferior Medullary Velum and a Proposed New Imaging Classification. *Neurosurgery*. 2023 Feb 3. doi: 10.1227/neu.0000000000002383. Epub ahead of print. PMID: 36735515.
- 26) Mehrotra A, **Kumar A**, Raiyani V, Singh R, Verma PK, Das KK, Jaiswal AK, Kumar R. Endoscopic intradural extramedullary lesion excision: Results of augmented duroplasty with artificial dura. *J Neurosci Rural Pract*. 2023 Jan-Mar;14(1):177-181. doi: 10.25259/JNRP-2022-5-32. Epub 2022 Dec 22. PMID: 36891121; PMCID: PMC9943943.
- 27) **Kumar, Ashutosh**; Sardhara, Jayesh. Caudal Regression Syndrome with Craniovertebral Junction Anomaly. *Journal of Spinal Surgery* 8(4):p 63-64, Oct–Dec 2021. | DOI: 10.4103/joss.joss_22_21
- 28) **Kumar, Ashutosh**; Bhaisora, Kamlesh Singh; Sasapardhi, Sudhir; Srivastava, Arun Kumar. Cervical Intramedullary Cysticercosis. *Journal of Spinal Surgery* 9(2):p 134-135, Apr–Jun 2022. | DOI: 10.4103/joss.joss_7_22
- 29) Sasapardhi SB, Verma PK, Srivastava AK, Das KK, **Kumar A**, Dikshit P, Maurya VP, Bhaisora KS, Mehrotra A, Jaiswal AK, Mishra P. An institutional study on accuracy of freehand cervical C1 C2 screws placement by knock and drill technique in craniovertebral anomalous bony anatomy: An evaluation of more than 600 screws based on SGPGI screw accuracy criteria. *Journal of Craniovertebral Junction and Spine*. 2024 Jan 1;15(1):83-91.
- 30) Singh M, Ahamed TPW, Maurya VP, Gupta P, Bhaisora KS, Srivastava AK, Verma PK, Das KK, **Kumar A**, Dikshit P, Mehrotra A, Jaiswal AK, Behari S, Kumar R. Stereotactic biopsy for brain lesions: Doing more with less. *J Neurosci Rural Pract*. 2024 Jan-Mar;15(1):95-102. doi: 10.25259/JNRP_258_2023. Epub 2023 Oct 14. PMID: 38476427; PMCID: PMC10927046.
- 31) Singh K, **Kumar A**, Srivastava A, Singh RP, Kumar R. Tension pneumocephalus in a patient with NF1 following ventriculoperitoneal shunt-deciphering the cause and proposed management strategy. *Childs*

- Nerv Syst. 2023 Dec;39(12):3601-3606. doi: 10.1007/s00381-023-06052-6. Epub 2023 Jul 1. PMID: 37392224.
- 32) Jayesh Sardhara, **Ashutosh Kumar**, Abhay Kumar. Sagittal Balance in Lumbar Spondylolisthesis and the Role of Anterior and Lateral Approaches. Neurology India CPIN May 2023.
- 33) Pattankar, Sanjeev; Verma, Pawan Kumar; Ahamed, T. P. Waseem; Dikshit, Priyadarshi; **Kumar, Ashutosh**; Maurya, Ved Prakash; Bhaisora, Kamlesh Singh. Spontaneous Regression of a Traumatic Cervical Prolapsed Intervertebral Disc with Myelopathy. Journal of Spinal Surgery 10(1):p 25-28, Jan–Mar 2023. | DOI: 10.4103/joss.joss_35_22
- 34) Mehrotra A, Singh K, Kanjilal S, Dikshit P, **Kumar A**, Verma PK, Das KK, Jaiswal AK, Kumar R. Expanding the Horizons of Minimally Invasive Spine Surgery: Experience of the Destandau Technique for the Treatment of Multiple Spinal Diseases. World Neurosurg. 2024 Jan;181:e970-e977. doi: 10.1016/j.wneu.2023.11.022. Epub 2023 Nov 10. PMID: 37951463.
- 35) Singh G, Kumar Verma P, Kumar Srivastava A, Kanti Das K, Mehrotra A, Dikshit P, **Kumar A**, Kanjilal S, Prakash Maurya V, Singh Bhaisora K, Singh S, Jaiswal S, Kumar Jaiswal A, Mishra P, Behari S, Kumar R. Factors predicting seizure outcome after surgical excision of meningioma: SOLID-C guideline for prophylactic AED. J Clin Neurosci. 2023 Nov;117:143-150. doi: 10.1016/j.jocn.2023.09.022. Epub 2023 Oct 5. PMID: 37804675.
- 36) Singh K, **Kumar A**, Kumar R. Fenestrated Anterior Cerebral Artery, Anterior Communicating Artery, with Accessory Middle Cerebral Artery-A Conglomeration of Embryologically Different Entities in a Single Individual. World Neurosurg. 2023 Oct;178:124-125. doi: 10.1016/j.wneu.2023.07.060. Epub 2023 Jul 20. PMID: 37479029.
- 37) **Kumar A**, Raiyani V, Srivastava AK, Bhaisora KS, Kumar R. Neuroenteric Cyst: Transpedicular Approach for Resection of Intramedullary Neuroenteric Cyst with Persistent Neuroenteric Canal. Neurol India. 2024 Mar 1;72(2):258-260. doi: 10.4103/neurol-india.Neurol-India-D-24-00071. Epub 2024 Apr 30. PMID: 38817168.
- 38) Singh, K., **Kumar, A.**, Srivastava, A., Singh, R. P., & Kumar, R. (2023). Tension pneumocephalus in a patient with NF1 following ventriculoperitoneal shunt—deciphering the cause and proposed management strategy. Child's Nervous System, 39(12), 3601-3606.

- 39) Chheda, R. M., Bhaisora, K. S., Rai, S., Patel, R. A., Singh, V., Srivastava, A., ... & **Kumar, A.** (2023). Exclusive Spinal Epidural Arteriovenous Malformation: Taming the Serpent in the Canal. *Journal of Spinal Surgery*, 10(3), 133-137.
- 40) **Kumar, A.**, Srivastava, A. K., Sardhara, J., Mehrotra, A., Bhaisora, K., & Kumar, R. (2024). Endoscopic MIS-TLIF with Destandau's system: leveraging endoscopy with conventional instruments. *Neurosurgical Focus: Video*, 10(2).
- 41) Ahamed TP, **Kumar A**, Shukla A, Rayani V, Sasapardhi SB, Bhaisora KS, et al. C1–C2 transarticular screw with sublaminar wiring for reducible atlantoaxial dislocation: Operative technique and surgical nuances. *J Spinal Surg* 2024;DOI/10.4103/joss.joss_3_24. (ahead of print)
- 42) Sardhara, J., & **Kumar, A.** (2022). Expanding horizons of cervical endoscopic spine surgery: Important surgical landmarks and technical pearls. *Journal of Spinal Surgery*, 9(4), 186-192.
- 43) **Kumar A**, Srivastava AK, Verma PK, et al. Bilateral High-Riding Persistent First Cervical Intersegmental Arteries in a Case of Klippel Feil Syndrome: The Technique of Vertebral Artery Mobilisation for C1C2 Reduction and Fusion for Atlanto-Axial Dislocation and Basilar Invagination. *Operative Neurosurgery* (ahead of print)
- 44) Sahu V, **Kumar A**, Chedda R, et al. Optimum Surgical Strategies for Medial Sphenoid Wing Meningiomas: A Comprehensive Evaluation of Resection Extent, Visual Outcomes, and Vascular Injury. *World Neurosurgery* (ahead of print)
- 45) Ranjan N, **Kumar A**, Shukla A, Verma PK, Mehrotra A, Jaiswal AK. Bridging the spinal dysraphism spectrum between terminal myelocystocele and spinal cord lipoma: a report of two cases of true terminal lipomyelocystocele with holo-cord syrinx. *Childs Nerv Syst.* 2024 Sep 16. doi: 10.1007/s00381-024-06620-4. Epub ahead of print. PMID: 39284905.
- 46) **Kumar A**, Ahamed W, Bhaisora KS, Sardhara JC, Raiyyani V, Srivastava A, Mehrotra A, Behari S. Management of Proximal (A1 Segment) Anterior Cerebral Artery Aneurysms: A Literature Review. *Indian Journal of Neurosurgery.* 2024 Aug;13(02):095-102.
- 47) Singh G, **Kumar A**, Verma PK, Bhaisora KS, Mehrotra A, Srivastava AK, Jaiswal AK. C2 Nerve Sheath Tumors: An Analysis of Radiological–Intraoperative Concordance for Intradural Extension and Systematic Review. *Journal of Spinal Surgery.* 2024 Apr 1;11(2):47-55.

- 48) Kanjilal S, Bhaisora KS, Maurya VP, Halder A, **Kumar A**, Srivastava AK. Trans-temporal trans-choroidal resection of thalamic and thalamopeduncular tumors: how I do it. *Acta Neurochirurgica*. 2024 Jul 5;166(1):281.
- 49) **Kumar A**, Singh K, Pal L. Intramedullary Pilocytic Astrocytoma Presenting with Holocord Syringomyelia: A Pathophysiological Enigma. *Indian Journal of Neurosurgery*. 2024 Sep 16.
- 50) **Kumar A**, Singh S, Datta A, Bhaisora KS, Sardhara J, Dikshit P, Maurya VP, Verma PK, Das KK, Mehrotra A, Srivastava AK. A Retrospective Study of Pediatric Posterior Fossa Tumors: Was the Outcome Different in Patients Undergoing Elective versus Emergency Surgery? *Journal of Pediatric Neurosciences*. 2023 Oct 1;18(4):273-82.
- 51) Singh G, Maurya VP, TP WA, Mishra P, Singh M, Srivastava AK, Bhaisora KS, Verma PK, Dikshit P, **Kumar A**, Sardhara J. Intracranial Arachnoid Cyst: Management Experience of Nearly Two Decades from a Tertiary Healthcare Centre.
- 52) Ranjan N, Shukla A, Verma PK, Kanjilal S, **Kumar A**, Mehrotra A, Maurya VP, Bhaisora KS, Srivastava AK, Das KK, Jaiswal AK. Thoracic hypertrophied ligamentum flavum: A retrospective study of pre-operative factors and surgical outcome. *Journal of Neurosciences in Rural Practice*.:1-7.
- 53) Mehrotra A, Pandey SD, Singh S, Kanjilal S, Gajbhiye S, Dikshit P, **Kumar A**, Verma PK, Maurya VP, Bhaisora KS, Das KK. Pediatric Lumbosacral Spondylolisthesis: Overcoming the Disability!. *Neurology India*. 2024 Jul 1;72(4):742-6.
- 54) Kanjilal S, Verma PK, Rai S, **Kumar A**, Bhaisora KS, Maurya VP, Das KK, Mehrotra A, Srivastava AK, Jaiswal AK. Occipital encephalocele: a retrospective analysis and assessment of post-surgical neurodevelopmental outcome. *Child's Nervous System*. 2024 Jun 24:1-8.
- 55) Singh S, Bhaisora KS, Chheda RM, Dixit P, Srivastav AK, Das KK, Mehrotra A, **Kumar A**, Maurya VP, Verma PK, Jaiswal A. Anterior Communicating Artery Aneurysms: Surgical Strategy and Outcome based on Proposed Newer Classification. *Neurology India*. 2024 May 1;72(3):503-13.
- 56) Halder A, Das KK, Kanjilal S, Bhaisora KS, **Kumar A**, Verma PK, Maurya VP, Mehrotra A, Srivastava AK, Jaiswal AK. Under recognized yet a clinically relevant impact of aneurysm location in Distal Anterior Cerebral Artery (DACA) aneurysms: insights from a contemporary surgical experience. *Neurosurgical Review*. 2024 Dec;47(1):1-9.

- 57) Muraleedharan M, **Kumar A**, Manogaran R, Kumar A, Keshri AK, Singh V, Kumar R. Intraoperative Incidental Internal Carotid Artery Injury in Extended Endoscopic Endonasal Approaches—Causes, Prevention, and Management: A Technical Note. *Indian Journal of Neurosurgery*. 2024 Sep 16.
- 58) Singh G, **Kumar A**, J AC, Jaiswal S, Verma P, Mehrotra A, Jaiswal A. Inflammatory myofibroblastic tumor in the intradural extramedullary space of the lumbosacral spine: a case report and review of the literature. *Childs Nerv Syst*. 2024 Nov 30;41(1):24. doi: 10.1007/s00381-024-06690-4. PMID: 39615002.

Book chapters

1. **Ashutosh Kumar**, Kamlesh Singh Bhaisora, Ramesh Chandra VV et al. Telo-Velo-Tonsillar Approach to Fourth Ventricular Tumours. In: Behari S et al. eds. *The Operative Atlas of Neurosurgery*. Vol. I, A Compendium of 120 Neuro- oncological, Case-based, Surgical approaches. Noida: Thieme; 2020: 515-538.
2. **Ashutosh Kumar**, Suyash Singh, Priyadarshi Dixit et al. Minimally Invasive Keyhole Endoscopic Approach for The Excision of An Intraventricular Central Neurocytoma Presenting with Intertumoral Bleed. In: Behari S et al. eds. *The Operative Atlas of Neurosurgery*. Vol. I, A Compendium of 120 Neuro- oncological, Case-based, Surgical approaches. Noida: Thieme; 2020: 1247-1260.
3. **Ashutosh Kumar**, Jaskaran Singh Ghosal, Priyadarshi Dixit et al. Retro-mastoid Suboccipital Keyhole Craniotomy and Endoscopic Controlled Excision of Left Middle Cerebellar Peduncle Cavernoma. In: Behari S et al. eds. *The Operative Atlas of Neurosurgery*. Vol. I, A Compendium of 120 Neuro- oncological, Case-based, Surgical approaches. Noida: Thieme; 2020.
4. Suyash Singh, **Ashutosh Kumar**, Sanjay Behari. Fronto-Temporal Craniotomy with Zygomatic Osteotomy for Clinoidal Meningioma: Role of Extradural Clinoidal Drilling. In: Behari S et al. eds. *The Operative Atlas of Neurosurgery*. Vol. I, A Compendium of 120 Neuro- oncological, Case-based, Surgical approaches. Noida: Thieme; 2020: 483-498.

5. Anant Mehrotra, **Ashutosh Kumar**, Priyadarshi Dixit et al. Endoscopic Excision of an Intradural Extradural Extramedullary Schwannoma of the Thoracic Spine. In: Behari S et al. eds. The Operative Atlas of Neurosurgery. Vol. I, A Compendium of 120 Neuro- oncological, Case-based, Surgical approaches. Noida: Thieme; 2020: 1393-1404.
6. Sanjay Behari, Priyadarshi Dixit, **Ashutosh Kumar** et al. Surgery for Paraclinoid Segment Aneurysms: Anatomical and Surgical Principles. Neurosurgery updates. Vol 2, chapter 03. DOI: 10.1055/b-0042-188471
7. **Ashutosh Kumar**, Indubala Maurya, Balachandar Deivasigamani et al. Brain and Spinal Tumors during Pregnancy (2022). In. Amit Agrawal, MD, Pradeep Chouksey, MD, Adesh Shrivastava, MD, Sumit Raj, MD, and Rakesh Mishra, MD (eds) Advances in Neurosurgery Research, Nova science publishers. Chapter 13. <https://doi.org/10.52305/HXFW4771>
8. **Ashutosh Kumar**, Kamlesh Singh Bhaisora, Kuntal Kanti Das, Sanjay Behari. Surgical Approaches and Excision of An Exophytic Brainstem Glioma. In. Balaji Pai (eds) Operative Manual of Neurosurgery: A Step by Step Pictorial Atlas. Jaypeebrothers.
9. **Kumar, A.**, Sharma, A., Behari, S. (2023). Asymptomatic Craniofacial Fibrous Dysplasia. In: Turgut, M., Guo, F., Turgut, A.T., Behari, S. (eds) Incidental Findings of the Nervous System. Springer, Cham. https://doi.org/10.1007/978-3-031-42595-0_19
10. Sardhara, J., **Kumar, A.**, Gabbita, A.C., Behari, S. (2023). Incidental Atlanto Axial Dislocation. In: Turgut, M., Guo, F., Turgut, A.T., Behari, S. (eds) Incidental Findings of the Nervous System. Springer, Cham. https://doi.org/10.1007/978-3-031-42595-0_29
11. **Kumar A.**, Sardhara, J., Advanced application and future directions (chapter 6, pages 61-70). CME Minimally Invasive Spine Surgery. Neurology India 2022
12. Manogaran R, Mathialagan A, Keshri A, Bhuskute G, **Kumar A**, Srivastava A, Marak RS, Behari S. Cranio-Cerebral Mucormycosis. In Rhino-Orbito-Cerebral Mucormycosis 2022 Apr 2 (pp. 147-164). Singapore: Springer Singapore.