



Dr. Soumen Kanjilal

Neurosurgeon

I currently serve as an Assistant Professor in the Department of Neurosurgery, SGPGIMS, where I had also completed my MCh. in Neurosurgery. My clinical expertise span neuro-oncology, neurovascular and spinal surgeries, complemented by a strong focus in clinical research aimed at improving patient care and outcome.

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Education

MBBS (2008 - 2014)
Silchar Medical College

MS General Surgery (2015 - 2018)
Silchar Medical College

MCh. Neurosurgery (2019 - 2022)
Sanjay Gandhi Postgraduate
Institute of Medical Sciences

Present Position

Assistant Professor
Department of Neurosurgery
Sanjay Gandhi Postgraduate
Institute of Medical Sciences

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Surgical sub-specialty and Research interest areas

- **Low grade glioma**
- **Posterior fossa tumours**
- **Paediatric Neurosurgery**
- **Neuroendoscopy**
- **Neurointerventional radiology**

Awards & Honours

- **Young Neurosurgeon Award** for original research: Does use of dural sealant in endoscopic endonasal repair of dural defect prevent CSF leak? – A Randomised Controlled Trial, at NESICON, 2024, Mumbai
- **Best Research Paper Award 2024** (Assistant Professor), SGPGIMS
- Awarded “**3rd Best Paper Award**” at UP/UK Neurocon, Meerut, 2020

Publications

- Research articles - 27
- Book chapters – 09

Original articles

1. Mehrotra A, Singh S, **Kanjilal S**, Pal L, Paliwal VK, Sardhara J, Verma PK, Maurya VP, Bhaisora KS, Das KK, Srivastava AK, Jaiswal AK, Behari S. Factors affecting seizure outcome in Long-term epilepsy associated tumors (LEATs) in children and young adolescents. *Clin Neurol Neurosurg*. 2020 Oct;197:106104. doi: 10.1016/j.clineuro.2020.106104. Epub 2020 Jul 23. PMID: 32738652.
2. Mehrotra A, Singh S, **Kanjilal S**, Kumar A, Pal L, Mathur V, Paliwal VK, Sardhara J, Bhaisora 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 Dec;144:e149-e155. doi: 10.1016/j.wneu.2020.08.036. Epub 2020 Aug 10. PMID: 32791221.
3. Mehrotra A, Singh S, **Kanjilal S**, Attri G, Rangari K, Paliwal VK, Mani V, Verma PK, Maurya VP, Sardhara J, Bhaisora KS, Das KK, Srivastava AK, Jaiswal AK, Behari S. Resistant Temporal Lobe Epilepsy: Initial Steps into a Bigger Epilepsy Surgery Program. *J Neurosci Rural Pract*. 2021 Jan;12(1):193-196. doi: 10.1055/s-0040-1716796. Epub 2020 Nov 4. PMID: 33531782; PMCID: PMC7846332.
4. Singh S, Mehrotra A, **Kanjilal S**, Paliwal VK. Effect of seizure timing on long-term survival in patients with brain tumor. *Epilepsy Behav*. 2021 Apr;117:107566. doi: 10.1016/j.yebeh.2020.107566. Epub 2021 Feb 17. PMID: 33610463.
5. Kumar A, Maurya VP, **Kanjilal S**, Bhaisora KS, Sardhara J, Das KK, Mehrotra A, Srivastava AK, Jaiswal AK, Behari S. Clinicoradiological Features and Treatment Outcome of Supratentorial Intraparenchymal Epidermoid Cyst: A Report of Five Cases and Literature Review. *J Neurosci Rural Pract*. 2021 Jul;12(3):571-580. doi: 10.1055/s-0041-1730125. Epub 2021 May 11. PMID: 34295114; PMCID: PMC8289516.
6. 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.

7. **Kanjilal, Soumen**¹; Maurya, Ved Prakash¹; Das, Kuntal Kanti¹; Verma, Pawan K¹; Jaiswal, Awadhesh Kumar¹; Pal, Lily²; Behari, Sanjay¹. Intra-fourth ventricular arachnoid cyst: The case for a direct surgical approach. *Journal of Pediatric Neurosciences* 17(2):p 148-154, April-June 2022. | DOI: 10.4103/jpn.JPN_106_21
8. **Kanjilal S**, Mehrotra A, Singh V, Dikshit P, Prasad SN, Kumar Verma P, Das KK, Bhaisora K, Kumar Jaiswal A, Behari S, Kumar R. Non-aneurysmal subarachnoid hemorrhage: Is the deep venous system the hidden culprit? *Acta Neurochir (Wien)*. 2022 Jul;164(7):1827-1835. doi: 10.1007/s00701-022-05222-w. Epub 2022 May 7. PMID: 35524811.
9. Das KK, Dange P, Verma PK, Srivastava AK, Jaiswal AK, **Kanjilal S**. Single-Stage Bilateral Posterolateral Approach to Old Malunited Type 2 Odontoid Fracture with Focal Kyphosis: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2023 Jan 1;24(1):e47. doi: 10.1227/ons.0000000000000444. Epub 2022 Oct 13. PMID: 36227177.
10. Mehrotra A, Singh S, **Kanjilal S**, Pal L, Paliwal VK, Sardhara J, Behari S. Seizure-outcome after surgery of low-grade epilepsy associated neuro-epithelial tumors. *J Neurosurg Sci*. 2023 Oct;67(5):591-597. doi: 10.23736/S0390-5616.20.05144-9. Epub 2020 Dec 15. PMID: 33320468.
11. 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.
12. Das KK, Singh K, Rai S, **Kanjilal S**, Dikshit P, Verma PK, Mehrotra A, Jaiswal AK. Microsurgical Removal of Dumbbell-Shaped C1 Schwannoma: Utility of Subcapsular Dissection to Safeguard Critical Neurovascular Structures: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2023 Dec 4. doi: 10.1227/ons.0000000000001018. Epub ahead of print. PMID: 38047656.

13. 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.
14. **Kanjilal S**, Das KK, Srivastava AK, Mehrotra A, Bhaisora KS, Jaiswal AK, Kumar R. Extradural Anterior Clinoidectomy: The "Key Stone" of Clinoidal Meningioma Resection. *Neurol India.* 2024 Jan 1;72(1):20-23. doi: 10.4103/neurol-india.Neurol-India-D-23-00687. Epub 2024 Feb 29. PMID: 38442995.
15. **Kanjilal S**, Mehrotra A, Singh V, Singh R, Tataskar P, Prasad SN, Verma PK, Das KK, Bhaisora KS, Jaiswal AK, Kumar R. Contribution of Deep Cerebral Venous Anomaly to the Emergence of Nonaneurysmal Subarachnoid Hemorrhage as Opposed to Aneurysmal Subarachnoid Hemorrhage. *World Neurosurg.* 2024 Feb;182:e405-e413. doi: 10.1016/j.wneu.2023.11.115. Epub 2023 Nov 27. PMID: 38030074.
16. Mehrotra A, **Kanjilal S**, Kumar B C A, Tataskar P, Verma PK, Bhaisora KS, Kanti Das K, Jaiswal AK, Kumar R. Comparative analysis of supra-orbital keyhole approach and pterional approach for surgical clipping of intracranial anterior circulation aneurysms in patients with favorable Hunt and Hess grades. *Clin Neurol Neurosurg.* 2024 Apr;239:108230. doi: 10.1016/j.clineuro.2024.108230. Epub 2024 Mar 3. PMID: 38490076.
17. Singh RP, **Kanjilal S**, Mehrotra A, Misra S, Tataskar P, Mishra D, Verma PK, Das KK, Jaiswal AK, Kumar R. Long-term follow-up in high-grade meningioma and outcome analysis. *J Neurosci Rural Pract.* 2024 Apr-Jun;15(2):270-277. doi: 10.25259/JNRP_573_2023. Epub 2024 Feb 14. PMID: 38746494; PMCID: PMC11090554
18. **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. *Childs Nerv Syst.* 2024 Dec;40(12):3945-3952. doi: 10.1007/s00381-

024-06506-5. Epub 2024 Jun 24. Erratum in: Childs Nerv Syst. 2024 Dec;40(12):3953. doi: 10.1007/s00381-024-06570-x. PMID: 38913184.

19. **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 Neurochir (Wien)*. 2024 Jul 5;166(1):281. doi: 10.1007/s00701-024-06175-y. PMID: 38967812.
20. Bc AK, Das KK, **Kanjilal S**, Halder A, Madheshiya S, Bhaisora KS, Mishra P, Srivastava A, Jaiswal AK. Outcomes following surgical clipping of re-ruptured previously untreated intracranial aneurysms. *Neurosurg Rev*. 2024 Aug 20;47(1):442. doi: 10.1007/s10143-024-02657-w. PMID: 39160387.
21. 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. *Neurosurg Rev*. 2024 Aug 31;47(1):517. doi: 10.1007/s10143-024-02759-5. PMID: 39214899.
22. Mehrotra A, Pandey SD, Singh S, **Kanjilal S**, Gajbhiye S, Dikshit P, Kumar A, Verma PK, Maurya VP, Bhaisora KS, Das KK, Srivastava AK, Jaiswal AK, Kumar R. Pediatric Lumbosacral Spondylolisthesis: Overcoming the Disability! *Neurol India*. 2024 Jul 1;72(4):742-746. doi: 10.4103/neurol-india.Neurol-India-D-23-00245. Epub 2024 Aug 31. PMID: 39216027.
23. Kumar A, Das KK, **Kanjilal S**, Jain N, Mishra P, Misra S, Bhaisora KS, Mehrotra A, Jaiswal AK, Kumar R. Potential and Pitfalls of Postoperative Volumetric Assessment of Extent of Resection in High-Grade Glioma in Resource-Constrained Settings. *Neurol India*. 2024 Jul 1;72(4):756-762. doi: 10.4103/neurol-india.Neurol-India-D-23-00585. Epub 2024 Aug 31. PMID: 39216029.
24. **Kanjilal S**, Jaiswal AK, Manogaran RS, Kumar A, Verma PK, Das KK, Mehrotra A. Endonasal Endoscopic Extraction of an Intraorbital Foreign Body: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2024 Nov 25. doi: 10.1227/ons.0000000000001473. Epub ahead of print. PMID: 39584826.

25. Mehrotra A, Das KK, Rangari K, **Kanjilal S**, Tataskar P, Verma PK, Bhaisora KS, Jaiswal A, Kumar R. Supraorbital Keyhole Approach: Opening of the Frontal Sinus and Cerebrospinal Fluid Rhinorrhea. *J Neurol Surg B Skull Base*. 2024 Apr 30;86(2):160-164. doi: 10.1055/a-2297-3768. PMID: 40104540; PMCID: PMC11913534.
26. **Kanjilal S**, Dange PS, Das KK, Bhaisora KS, Jaiswal AK. Giant M1 segment aneurysm: Illustration of the importance of cross-sectional ratio of aneurysmal neck and the parent artery. *Brain Circ*. 2025 May 31;11(2):148-152. doi: 10.4103/bc.bc_85_24. PMID: 40520067; PMCID: PMC12164792.
27. Rai S, Kumar A, **Kanjilal S**, Srivastava AK, Das KK, Singh M. Contralateral Upper Motor Neuron Facial Palsy in a Case of Vestibular Schwannoma: A Consequence of an Underrecognized Anatomical Entity. *Indian Journal of Neurosurgery*. 2025 Jun 19.

Chapters

1. Interhemispheric Epidermoid: Excision Using a Supraorbital Key-hole Approach Kuntal Kanti Das, Prashant Singh, Kamlesh Rangari, Priyadarshi Dikshit, and **Soumen Kanjilal**; Operative atlas of neurosurgery; Page 243.
2. Surgery for Excision of a Vagal Paraganglioma; Anant Mehrotra, Ravi Sankar Manogaran, Arulalan Mathialagan, Kamlesh Rangari, and **Soumen Kanjilal**; Operative atlas of neurosurgery; Page 611
3. Endonasal Endoscopic Excision of a Tuberculum Sellae Meningioma; Saurav Kumar, Ravi Sankar Manogaran, Awadhesh K Jaiswal, Amit Kumar Keshri, Arulalan Mathialagan, Govind S. Bhuskute, Neha Singh, Gagandeep Singh Attri, **Soumen Kanjilal**, Sanjay Behari; Operative atlas of neurosurgery
4. Laminectomy and Excision of a Giant Dumb-Bell Schwannoma Situated at the Atlanto-Axial Level; Anant Mehrotra, Surendra Baghel, Ravi Sankar Manogaran, Gagandeep Singh Attri, **Soumen Kanjilal**, Priyadarshi Dikshit, Pawan K. Verma; Operative atlas of neurosurgery.
5. Laminectomy for a Cervical Osteoid Osteoma Invaginating into the Spinal Canal; Ved Prakash Maurya, Bhawan Nangarwal, **Soumen Kanjilal**, Gagandeep Singh Attri; The Operative Atlas of Neurosurgery, Volume 2
6. Petroclival Meningioma; Sanjay Behari, Priyadarshi Dikshit, Vikas K. Dwivedi, **Soumen Kanjilal** and Ved Prakash Maurya; Meningiomas, PGINS Monograph Series; Page 425
7. Meningioma of the Petrous Temporal Bone; Sanjay Behari, Priyadarshi Dikshit, Kamlesh Singh Bhaisora and **Soumen Kanjilal**; Meningiomas, PGINS Monograph Series; Page 579.
8. Intracranial Pressure Monitoring Operative Manual of Neurosurgery: a step by step pictorial Atlas; Ved Prakash Maurya; Balachandar Deivasigamani. Yashveer Singh and **Soumen Kanjilal**; Jaypee Publishers, Balaji Pai S (Editor in chief), Vol 2, 2022 p1684-1692.

9. Cervical Spondylotic Myelopathy: Natural History and Predictors of Outcome; **Soumen Kanjilal**, Anant Mehrotra, Kuntal Kanti Das, Pawan Kumar Verma and Awadhesh Kumar Jaiswal; Progress in Clinical Neurosciences, Volume 36, 2023.