

General Achievements:

Practiced and published various techniques of awake mapping for safe resection of eloquent area glioma.

Travel Grant Award, International society of Neuro-oncology, Seol, South Korea, 2022

Published various new concepts on the technique of endoscopic third ventriculostomy, endoscopic endonasal surgery and Gammaknife radiosurgery.

Received Best research award PGIMER, 2021.

Contribution to Neurological Society of India:

Participated in various workshop and webinars conducted by Neurological society of India. I have worked with other members of the society for conducting various teaching program and workshop for young neurosurgeons and residents.

Contribution to Neurosciences:

Practicing the use of neuromonitoring and awake mapping in Insular glioma and other eloquent area tumor surgery and teaching the technical nuances to neurosurgery residents for a safe surgical practice.

Devised and published a method for direct dural suturing to prevent CSF leak following endonasal endoscopic skull base surgery.

Proposed and published a method for awake ETV for patients who are high risk for general anesthesia.

Incorporate various neurosurgical skills in gammaknife radiosurgery like use of MR venogram for venous preserving GKRS for treatment of meningioma.

Proposed new classification system for better understanding of the role of GKRS in cystic vestibular schwannoma and tumor related trigeminal neuralgia.

Published the use of various low cost modules for surgical skills practice in skills lab (for neurosurgery residents).

Published more than 100 research articles in various national and international journals related to neuro-oncology, neuro-endoscopy and gamma knife radiosurgery.

Number of annual conferences (NSICON) attended in the last 5 years : Two