

Name of the Institute: INSTITUTE OF NEUROSURGERY

Instructions:

- Please mention all the research activity existing in the institute since year 2021.
- Mention the details in order of date (i.e., Starting from year 2021 till date)
- The subsections should be:
 - ✓ Research Forum
 - i. Completed Projects
 - ii. Ongoing projects
 - iii. Sponsored projects
 - iv. Publications
- No images needed in this section

SCIENTIFIC FORUM

Completed Projects till November 2023 :(include PGs thesis & e-journals submitted)

S.NO	Year	Title of the project	FundedYes / No, If Yes - Details
	2022	Dr Raghavendran. R/ MathanSankar-MICROSURGICAL EXCISION IN INTRACRANIAL ARTERIOVENOUS MALFORMATION - AN INSTITUTIONAL STUDY -NSICON	No
	2022	Dr.M.Bharanidharan - Surgical Management of C1,C2 Nerve Sheath Tumours - TANS 2022 paper presentation	No
	2023	Dr Anandh-Poster presentation 2023- Intraventricular meningioma - A rare site of a common tumour - NSSICON	No
	2023	Dr Anandh-Paper presentation TANS 2023 open versus endoscopic/microscopic excision of pituitary adenoma - an institutional experience	No
	2022	Dr.S.DevanandSenthil Kumar/Dr.M.Bharanidharan -Prospective Study Of Traumatic Brain Injury In Geriatric Patients Guide	No
	2022	Dr RAGHAVENDRAN/Dr Dhanasekar/Mathan-Cranial Nerve Injuries in Mild Head Trauma	No

		Patients - An Institutional Study- NSICON	
	2022	Dr Raghavendran. R/ MathanSankar- SINGLE SIDED COMBINED DIRECT AND INDIRECT BYPASS FOR BILATERAL MOYAMOYA DISEASE IN A YOUNG ADULT, A CASE REPORT - NSICON	No
	2023	Dr.Balamurugan/Dr.Mishal Rare case of Cerebellopontine angle Glioblastoma with thoracic spinal metastasisPoster-NSICON	No
	2023	Dr.Balamurugan/Dr.Mishal - Early surgical Outcomes of Retromastoidapproach in Cerebellopontine angle tumors -An Institutional experience -platform presentation NSICON	No
	2021	Dr Raghavendran. R/Dr Prasanth- Non dysraphic Intramedullary spinal lipoma-Review of literature - WFNS 2021,Colombia	No
	2022	Dr Raghavendran. R/Dr Prasanth- 250 cases of Meningiomas - an institutional experience NSICON,Agra 2022	No
	2023	Dr Raghavendran. R/Dr Prasanth- Supraclinoid ICA aneurysms - Diversity in clinical presentation and nuances in clipping TANS 2023,SALEM	No
	2022	Dr Raghavendran. R/Dr Prasanth- Extracranial metastasis of meningioma - A case report ,NSICON 2022,Poster presnentation ,Agra	No
	2021	Dr Raghavendran. R/Dr Prasanth- Adult onset intramedullary spinal lipoma - A case report ,,Poster presnentation ,TANS 2021,Thanjaore	No
	2023	Dr.S.DevanadSenthil Kumar/Dr.Dr.P.B.Shayee Kanye Shanjeev -Isolated sacral tuberculosis with resacral abscess -an common disease at uncommon site eposterNssicon March 2023	No
	2022	Dr.R.Rajagowtham-a rare case of orbital arteriovenous malformation- 2022 tans award poster presentation	No
	2022	Dr.R.Rajagowtham-rare presentation	No

		of cerebral venous thrombosis- subdural hematoma- nsicon award poster presentation	
	2022	Dr.R.Rajagowtham-sella and parasellar lesions- a single center surgical experience- nsicon platform presentation	No
	2022	Dr.Sandosh-Case series of Pseudocyst- Poster-NSICON	No
	2022	Dr.Sandosh-Midline FalxCerebelli Meningioma-A rare case-Platform Paper- NSICON	No
	2024	Prof Dr Raghavendran R/ Dr Ranjith P K Intraoperative Squash Smear and Histopathological Correlation of CNS lesions at a Tertiary Care Hospital	
	2024	Dr.S.DevanadSenthil /Dr Dhanasekaran Lateral ventricular tumors- An Institutional experience TANS OOTY	
	2024	Prof Dr Raghavendran R /Dr. Keerti R NSICON dec 2024 - Paper - Immunohistochemical analysis of astrocytoma.	
	2024	Prof.R.Raghavendran Mch/ Prof.R.Selvaraj Mch/ Dr.sathish Kumar Mch Cranioplasty following decompressive craniectomy - An institutional experience NSI DEC 2024	
	2024	Prof.Raghavendran MCh/Dr.Rajkumar Tethered cord syndrome , An Institutional experience. TANS OOTY	
	2024	Dr JOTHI KUMAR / Dr Ganesh CLINICAL PRESENTATION,DIAGNOSIS AND MANAGEMENT OF INTRACRANIAL	

		TUBERCULOMA- OUR EXPERIENCE TANS OOTY	
	2024	Prof.R.Raghavendran,Mch/ Dr.G.Sathishkumar Neuronavigation guided resection/biopsy of intracranial lesion-An institutional experience TANS OOTY	
	2024	Prof Dr Raghavendran R /Dr. Keerti R Immunohistochemical analysis of astrocytoma NSICON- Paper	
	2024	Prof Dr Raghavendran/Dr Febin Samueal Rare Sellar and Supra Sellar SOL - Case Series NSICON	
	2024	Prof.Vidya Narasimhan Mch /Dr Kishore Moya moya disease -An institutional experience - paper NSICON	
	2025	Prof Dr Raghavendran R /Dr. Keerti R Pial AV fistula case report TANS	
	2025	Prof Dr Raghavendran R/ Dr.Velarasam Microsurgical clipping of Basilar apex aneurysms - an institutional experience TANS	
	2025	Prof .Devanand Senthil Kumar Mch /Dr Kishore	

		Common lesion - uncommon location . TANS	
	2025	Prof Dr Raghavendran R/Dr Babu Raj Kiran An institutional experience on Meningioma	
	2025	Prof Dr Raghavendran R /Dr.Thirumoorthy Surgical management of arachnoid cyst TANS	
	2025	Prof Dr Raghavendran R /Dr Deepak Potts spine A institutional study TANS	
	2025	Prof.R.Raghavendran Mch/ Prof.S.Balamurugan Mch/ Dr Premanth Pineal gland tumors-Retrospective analysis .	

Ongoing Projects: (include PGs ongoing thesis & e-journal)

S.NO	Year	Title of the project	FundedYes / No,If Yes - Details
	2023	Dr.S.DevanadSenthil Kumar/Dr.Dr.P.B.Shayee Kanye ShanjeevSacral tuberculosis masquerading as meningocele - case report Egyptian spine journal . Submitted pending publication	No

Sponsored Projects: (include projects which are funded by State Govt/Central.Govt/any
companies/private agencies)

S.NO	Year	Title of the project	FundedYes / No, If Yes - Details
	2021 to 2023	DEVELOPMENT AND VALIDATION OF PROGNOSTIC MODELS FOR PATIENTS WITH TRAUMATIC BRAIN INJURY :A COMPARISON OF MODERN MACHINE LEARNING METHODS	YES-ICMR
	2023	EXPLORATION OF SOCIAL AND DEMOGRAPHIC BARRIERS TO RECEIVING TIMELY HOSPITAL CARE IN PATIENTS IN TRAUMATIC SPINE INJURY-A MULTI CENTRE CROSS SECTIONAL STUDY	YES-ICMR

Publications:

S.NO	Year	Citation in Vancouver format	Indexing of Journal: Scopus, PubMed,google scholar or any other
	2023	Dr.Raghavendran Radhakrishnan-Open versus Endoscopic and Microscopic Pitutary adenoma excision- An institutional experience. Nepal Journal of Neuroscience	DAOJ
	2022	Dr Raghavendran Radhakrishnan - Porencephalic cyst: A rare and interesting case.Indian journal of applied research.	:Pubmed
	2021	Dr Raghavendran Radhakrishnan-Van wychGrumbach syndrome: Atypical presentation in childhood pituitary macroadenoma with primary hypothyroidism. International Journal of Neurology and Neurosurgery	:Copernicus
	2021	Dr Raghavendran Radhakrishnan - An intresting case of pituitary adenoma with varied presentations	Copernicus
	2023	Dr V.T.SureshBabu/Dr Anadh-The Efficacy of Intracisternal irrigation of papaverine on cereberal blood flow in patients with subarachnoid haemorrhage-Nepal Journal of Neuroscience	DAOJ

	2023	Dr Raj Kumar/Dr Anandh-Intraventricularmeningiomas – Case Series and Review of Literature-Nepal Journal of Neuroscience	DAOJ
	2022	Dr.M.Bharnidharan -Comparison between GCS and MHIPS in predicting outcome after traumatic brain injury- IJSR, Volume 11, Issue 8, August 2022	
	2023	Prof.Dr.ThiruvalluvanMCh/Dr Dilip An Analysis of post traumatic temporal contusions in Chennai- Indian journal of applied research;volume 13,issue7	
	2023	Dr Raghavendran Radhakrishnan/ MathanSankar CLINICAL PROFILE AND SURGICAL OUTCOME OF INTRADURAL EXTRAMEDULLARY SPINAL CORD TUMORS AT TERTIARY CARE HOSPITAL -IJSR Volume 12/ Issue 8/ August 2023	
	2023	Dr .Thiruvalluvan/Dr.Mishal Extended conservative approach in the management of CSF rhinorrhea-IJSR volume-12, Issue-8, August 2023	
	2023	Dr.S.Jothikumar-Our Institutional Experience In Use Of “Squash” Cytology As An Intraoperative Guide In Neurological Practice -International Journal Of Academic Medicine And Pharmacy / February 2023	
+	2023	Dr.S.Jothikumar-Efficacy Of Selective Nerve Root Block For Lumbar Radiculopathy - European Journal Of Cardiovascular Medicine / March 2023	
	2023	Dr Raghavendran Radhakrishnan/Dr Prasanth -Prognostic factors in patients with Diffuse axonal injury- A tertiary care experience;IJSR vol 12/Issue 09/ September 2023	
	2022	Dr.P.Anbazhagan- Effect Of	

		Decompressive Craniectomy On Mca Infarct - International Journal Of Scientific Research	
	2021	Dr.P.Anbazhagan -A Novel Combined Approach For Acl Repair - Asian Journal Of Neurosurgery	
	2021	Dr.P.Jayakumar -Interesting Case Of Pituitary Adenoma - Ijnns April – June 2021	
	2023	Dr.V.T.Suresh Babu/Dr.Dr.P.B.Shayee Kanye Shanjeev- Intracranial tuberculoma a retrospective study in a tertiary care centre in South India IJSR June 2023	
	2023	Dr.A.Dhanasekar/Dr Sandosh-Case series of Craniopharyngioma: Management Analysis & Epidemiological Study at Madras Medical College-IJSR	
	2023	Dr Raghavendran Radhakrishnan/Dr.R.Rajagowtham- A Tertiary care experience in cerebellopontine angle tumor surgical outcomes-IJSR august	