

DEPARTMENT OF NEUROSURGERY

1. List of publications in Vancouver style yearwise (calendar year) period 2014 to 2019

Year : 2019

- Punia P, Gotecha S, Chugh A, Raghu V, Chabra S, Kashyap D et al. Factors Predicting the need of permanent CSF diversion surgery in children presenting with hydrocephalus due to posterior fossa tumours. International Journal of Neurology and Neurosurgery. Accepted for Publication
- Gotecha S, Punia P, Patil A, Chugh A, Kotecha M, Raghu V, Ali M et al . A rare chronic presentation of schwannoma with hemorrhage. Asian Journal of Neurosurgery. Asian J Neurosurg 2019;14:897-900

Year : 2018

- Chugh A, Gotecha S, Punia P, Patil A, Kotecha M Neuroendoscopic excision of third ventricular colloid cysts., International Journal of Neurology and Neurosurgery. International Journal of Neurology and Neurosurgery.Dec 2018. 10(4);157-164.
- Patil A, Chugh A, Gotecha S, Kotecha M, Punia P, Ashok A et al. Microendoscopic discectomy for lumbar disc herniations. Journal of Craniovertebral Junction and Spine 2018;9:156-162
- Chugh A, Gotecha S, Amle, G, Patil A, Punia P, Kotecha M. Abnormal migration and extrusion of abdominal end of ventriculoperitoneal shunt: an experience of eight cases Journal of Pediatric Sciences 2018;13(3): 317-321

Year : 2017

- Gotecha S, Chugh A, Amle G, Punia P, Ashok A, Kotecha M. Multifocal Skeletal tuberculosis involving the calvarium and posterior spinal elements in an immunocompetent patient. The journal of spinal surgery.Oct-Dec2017;4(4):195-199

Year : 2016

- Chandrika G¹, Natesh K¹, Ranade D², Chugh A³, Shastry P¹ Suppression of the invasive potential of Glioblastoma cell by mTOR inhibitors involves modulation of NFκB and PKC-α signaling. . Scientific Reports 6:22455 | DOI: 10.1038/srep22455 received: 12 October 2015 accepted: 10 February 2016 Published: 04 March 2016
- Gotecha S, Ranade D, Patil SV, Chugh A, Kotecha M, Sharma S et al. The role of transforaminal percutaneous endoscopic discectomy in lumbar disc herniations. . [J Craniovertebr Junction Spine](#). 2016 Oct-Dec; 7(4): 217–223.
- Chandra SP, **Kurwale NS**, Chibber SS, Banerji J, Dwivedi R, Garg A, Bal C, Tripathi M, Sarkar C, Tripathi M. Endoscopic-Assisted (Through a Mini Craniotomy) Corpus Callosotomy Combined With Anterior, Hippocampal, and Posterior Commissurotomy in Lennox-Gastaut Syndrome: A Pilot Study to Establish Its Safety and Efficacy. Neurosurgery. 2016 May;78(5):743-51.
- Kurwale N, Garg K, Arora A, Chandra PS, Tripathi M. Valproic acid as an antiepileptic drug: Is there a clinical relevance for the epilepsy surgeon? Epilepsy Res. 2016 Sep 4;127:191-194. doi: 10.1016/j.epilepsyres.2016.09.005.
- Chandrika G¹, Natesh K¹, **Ranade D²**, Chugh A³, Shastry P¹ Suppression of the invasive potential of Glioblastoma cell by mTOR inhibitors involves modulation of NFκB and PKC-α signaling. . Scientific Reports 6:22455 | DOI: 10.1038/srep22455 received: 12 October 2015 accepted: 10 February 2016 Published: 04 March 2016

- The role of transforaminal percutaneous endoscopic discectomy in lumbar disc herniations Journal of Craniovertebral Junction and spine (accepted) J Craniovertebr Junction Spine. 2016 Oct-Dec; 7(4): 217–223.
- Prasad GL, Kumar R, **Kurwale N**, Suri V. Intraventricular Gangliogliomas: A Review. World Neurosurg. 2016 Mar;87:39-44.
- Agrawal D, **Kurwale NS**, Sharma BS. Leukocytosis: A potential marker of brain injury after routine cranial surgery. Asian J Neurosurg. 2016 Apr-Jun;11(2):109-13.

Year : 2015

- Gotecha S, Ranade D, Phalke P, Dhaigude B, Kotecha M, Punia P. Paraspinal hydatid cyst with unusual presentation .Parasitologists United Journal, 2015; 8(1): 78-80.
- Oncostatin-M Differentially Regulates Mesenchymal and Proneural Signature Genes in Gliomas via STAT3 Signaling. Kumar Natesh, Dipali Bhosale, Aarti Desai, Goparaju Chandrika, Radha Pujari, Jayashree Jagtap, Ashish Chugh, Deepak Ranade, Padma Shastry. Neoplasia. February 2015, Volume 17, Issue 2, Pages 225–237
- Secretory prostate apoptosis response (Par)-4 sensitizes multicellular spheroids (MCS) of glioblastoma multiforme cells to tamoxifen-induced cell death. FEBS Open Bio. 2015, Jayashree C. Jagtap, D. Parveen, Reecha D. Shah, Aarti Desai, Dipali Bhosale, Ashish Chugh, Deepak Ranade, Swapnil Karnik, Bhushan Khedkar, Aaishwarya Mathur, Kumar Natesh, Goparaju Chandrika, Padma Shastry. Volume 5, Pages 8–19
- Paraspinal hydatid cyst with unusual presentation: a case report Sarang Gotecha, **Deepak Ranade**, Umesh Phalke, Balaji Dhaigude, Megha Kotecha, Prashant Punia. Parasitologist United Juornal: 2015;8:78-80.
- **Kurwale NS**, Chouksey P, Chandra PS, Tripathi M, et al. Impact of Intraoperative MRI on outcomes in epilepsy surgeries: Preliminary experience of two years. Br J Neurosurg. 2015 Jun;29(3):380-5.
- Umesh P, Gotecha S, Sagale S, Ganjare P, Punia P, Sharma S..Pleomorphic Xanthoastrocytoma in a patient with neurofibromatosis type 1. International Journal of Advances in Case Reports, 2015;2 (9): 617-620

Year : 2014

- Phalke U,Punia P, Gotecha S, Ashok A, Sharma S. Deep Temporal Lobe Arterio Venous Malformation (AVM): A Case Report. International Journal of Neurology & Neurosurgery, Jul-Dec 2014;6 (2): 75-78.
- Giant intradural intramedullary epidermoid cyst Report of two cases with varied presentations Sarang Gotecha, **Deepak Ranade**, Shrikant Sharma, Prashant Punia, Megha Kotecha Asian J Neurosurg. 2014 Oct-Dec; 9(4): 244. doi: 10.4103/1793-5482.146653
- Expression and Regulation of Prostate Apoptosis Response-4 (Par-4) in Human Glioma Stem Cells in Drug-Induced Apoptosis Jayashree C. Jagtap, Parveen Dawood, Reecha D. Shah, Goparaju Chandrika, Kumar Natesh, Amba S. Hegde, **Deepak Ranade**, Padma ShastryPLoS One. 2014; 9(2): e88505. Published online 2014
- Tripathi M, Vaghani G, Tripathi M, **Kurwale NS**, et al, Role of concordance between ictal subtracted SPECT and PET in predicting the long term outcome of epilepsy surgery Epilepsy Res. 2014 Dec;108(10):1782-9
- Banerjee J, Chandra SP, **Kurwale N**, Tripathi M. Epileptogenic networks and drug resistant epilepsy: Present and future perspectives of epilepsy research-Utility for the epileptologist and the epilepsy surgeon. Ann Indian Acad Neurol 2014;17:134-40
- **Kurwale NS**, Garg K, Arora A,Chandra PS, Tripathi M. Valproate associated coagulopathy and platelet dysfunction: relevance for the epilepsy surgeon. Epilepsia 2014; 55: 107-107 (abstract).
- Expression and Regulation of Prostate Apoptosis Response-4 (Par-4) in Human Glioma Stem Cells in Drug-Induced Apoptosis Jayashree C. Jagtap, Parveen

- Dawood, Reecha D. Shah, Goparaju Chandrika, Kumar Natesh, Amba S. Hegde, Deepak Ranade, Padma Shastry PLoS One. 2014; 9(2): e88505. Published online 2014
- Gotecha S, Ranade D, Sharma S, Punia P, Kotecha M. Giant intradural intramedullary epidermoid cyst. Report of two cases with varied presentations. Asian Journal of Neurosurgery, 2014; 9 (4): 244-246.

2. Research and extension (Form 1st January 2014 to till 2019)

(a) Research summary to 2019 till date

Sr. No.	Name of the project and duration	Name of Teachers	Amount of seed money provided (INR in Lakhs)	Sanctioned Year
1	Low cost fluorescein guided system for malignant brain tumours	Dr. Sarang Gotecha Dr. Ashish Chugh	Rs 3Lakh approved	2019

3. Achievements/Awards of Faculty, Student yearwise (calendar year) from 1st January 2014 to 2019 till date

Sr. No.	Name	Designation	Details of Achievements
2016			
1	Dr. Nilesh Kurwale	Associate Professor	European Conference on epileptology “stereo tubes technique: a novel substitute for intraoperative MRI in epilepsy surgeries” in Sept 2016
2	Dr. Nilesh Kurwale	Associate Professor	Best poster Award at Neuropedicon Ahmadabad for presenting “Emergency epilepsy surgery for management of refractory status epilepticus in children: a series from pune” in September 2016
2017			
1	Dr. Sarang Gotecha	Associate Professor	Fellowship in minimally invasive and endoscopic spine surgery: Catholic University of Korea- Seoul At St.Mary’s Hospital
2018			
1	Dr. Sarang Gotecha	Associate Professor	World Federation of Neurosurgical Societies(WFNS) fellowship from National Neuroscience Institute, Singapore
2019			
1	Dr. Sarang Gotecha	Associate Professor	Observership at Tan Tock Seng Hospital, National Neuroscience Institute. Singapore

4. Conferences/CME/Workshop organized by department from 1st January 2014 to 2019 till date

Sr. No.	Title	Date	Guest Speaker	No. of Delegates Attended
2019				
1	MCNS (midwest chapter of neurological surgeons)	15 Feb 2019	Dr. Deepak Ranade Dr. Ashish Chugh	150

5. Conference/CME/Workshop attended by faculty and students from 1st January 2014 to 2019 till date

Sr. No.	Designation	Name of the Participant	Name of the CME/Conference/Workshop	Date & Venue/place	Role (Delegate/Resource Person/Chairperson/Panelist)
2014					
1	Professor	Dr. Ashish chugh	XL ANNUAL Research Society Conference	Pune 2014	Delegate
2	Associate Professor	Dr. Sarang Gotecha	3 rd Skull Based Cadaver Course & Product Training	M S Ramaiah Advanced Learning Centre, Bangalore, on 28 th June 2014	Delegate
3	Associate Professor	Dr. Sarang Gotecha	The Indo-Japan Neurosurgical Conference	Aurangabad, on 29 th to 30 th August 2014	Delegate
4	Associate Professor	Dr. Sarang Gotecha	Spine 2014, the Annual Conference of Neuro Spinal Surgeons' Association of India	Ahmedabad on 19 th to 21 st September 2014	Delegate
2015					
1	Professor	Dr. Ashish chugh	Neuro Spinal Surgeons	Goa 2015	Delegate
2	Associate Professor	Dr. Sarang Gotecha	28 th Annual Conference of Association of Spine Surgeons of India (ASSICON) 2015	Pune on 23 rd to 25 th January 2015	Delegate
3	Associate Professor	Dr. Sarang Gotecha	ASSICON 2015	November 2015 at Goa	Delegate

2016					
1	Professor	Dr. Ashish chugh	65 th Annual Conference of the	Chennai 2016	Delegate
2	Associate Professor	Dr. Sarang Gotecha	Asia Pacific cervical spine conference ACSS2016	Seoul , South Korea November 2016	Delegate
3	Professor	Dr. Ashish chugh	Asia Pacific cervical spine conference ACSS2016	Seoul , South Korea November 2016	Delegate
2017					
1	Professor	Dr. Ashish chugh	66 th Annual Conference	Nagpur 2017	Delegate
2	Professor	Dr. Ashish chugh	International Conference of Complication in Neurosurgery	Mumbai 2017	Delegate
3	Associate Professor	Dr. Sarang Gotecha	MCNS: Midwest Chapter Of Neurosurgery	Satara/Mahabaleshwar , Feb 2017	Delegate
4	Associate Professor	Dr. Sarang Gotecha	MISS workshop AT POSAC 2017	Smt. Kashibai Navale Medical College and General Hospital on 31 st March 2017	Delegate
5	Associate Professor	Dr. Sarang Gotecha	Ginde Oration and Live surgery Workshop on Epilspesy Surgery	Bombay Hospital , Mumbai March 2017	Delegate
6	Associate Professor	Dr. Nilesh Kurwale	MCNS: Midwest Chapter Of Neurosurgery	Pune 2017	Organized cadaveric workshop and live surgical workshop
7	Associate Professor	Dr. Nilesh Kurwale	NESSAN	Hyderabad Aug 2017	Delegate
8	Associate Professor	Dr. Nilesh Kurwale	European Eplieptological conference	Udaipur 2017	Delegate
2018					
1	Associate Professor	Dr. Sarang Gotecha	Annual conference of Minimally invasive spine surgeons of India (MISSICON)	Hyderabad October 2018	Delegate
2	Associate Professor	Dr. Nilesh Kurwale	National Paediatric epilepsy surgery symposium	April 2018	Delegate
3	Associate Professor	Dr. Nilesh Kurwale	MCNS: Midwest Chapter Of Neurosurgery	2018	Organized cadaveric workshop and live

					surgical workshop
4	Associate Professor	Dr. Nilesh Kurwale	SUSIE	Germany July 2018	Delegate
5	Associate Professor	Dr. Nilesh Kurwale	NESSAN	Dehli 2018	Delegate
6	Associate Professor	Dr. Nilesh Kurwale	Paediatric epilepsy update on 2018	D.Y. Patil Medical College Pune 2018	
2019					
1	Associate Professor	Dr. Sarang Gotecha	MCNS: Midwest Chapter Of Neurosurgery at Pune in feb 2019	Pune February 2019	Organized cadaveric workshop and live surgical workshop
2	Professor	Dr. Ashish Chugh	International Conference on Comlication In Neurosuegery	Mumbai 2019	Delegate
3	Professor	Dr. Ashish Chugh	MCNS: Midwest Chapter Of Neurosurgery at Pune in feb 2019	Pune February 2019	Organized cadaveric workshop and live surgical workshop
4	H.O.D & Professor	Dr. Deepak Ranade	MCNS: Midwest Chapter Of Neurosurgery at Pune in feb 2019	Pune February 2019	Organized cadaveric workshop and live surgical workshop
5	Asst. Prof	Dr. Prashant Punia	MCNS: Midwest Chapter Of Neurosurgery at Pune in feb 2019	Pune February 2019	Organized cadaveric workshop and live surgical workshop
6	Asst. Prof	Dr. Anil Patil	MCNS: Midwest Chapter Of Neurosurgery at Pune in feb 2019	Pune February 2019	Organized cadaveric workshop and live surgical workshop

7	H.O.D & Professor	Dr. Deepak Ranade	INSELSPITAL Universitatsspital Bern	Switzerland 10 September 2019	Delegate
8	Associate Professor	Dr. Nilesh Kurwale	MCNS: Midwest Chapter Of Neurosurgery at Pune in feb 2019	Pune February 2019	Organized cadaveric workshop and live surgical workshop
9	Associate Professor	Dr. Nilesh Kurwale	SEEG	Singapore June 2019	Delegate
10	Associate Professor	Dr. Nilesh Kurwale	NESSAN	Delhi 2019	Delegate