

## NSICON 2018 Jaipur Scientific Programme Day 1 (14th December 2018)

### Hall – II

0745 – 0845	<b>Breakfast Symposia – 2 Arteriovenous Malformations</b> Chairpersons: L N Tripathy, Daljit Singh, HS Bhatoo Moderator: Guiseppe Lanzino	
0745 – 0755	Pearls of AVM resection	Ravi Mohan Rao
0757 – 0807	Comprehensive treatment of AVMs	Manmohan Singh
0809 – 0827	Treatment of Unruptured AVMs after the ARUBA Trial	Laligam Sekhar
0829 – 0847	Surgery for arteriovenous malformation	Atul Goel

### Hall – III

0745 – 0845	<b>Breakfast Symposia – 3</b> <b>Spine</b> Chairpersons: JKBC Parthiban, Satnam Singh Chhabra, Deepak Vanghani Moderator: Sekhar Kurpad	
0745 – 0755	Long term outcomes following central corpectomy for cervical degenerative disease	Vedantam Rajshekhar
0755 – 0805	Enhanced recovery after spine surgery	Mike Wang
0805 – 0815	MRI technology based biomarkers for SCI	Sekhar Kurpad
0815 – 0825	Strategies to correct cervical kyphosis	Praveen Mummaneni
0825 – 0835	Risk Reduction Strategies for Major Spinal Surgery	Christopher Shaffrey
0835 – 0845	Minimally invasive/tubular laminectomy versus open laminectomy and fusion for low grade spondylolithesis	John Knightly

### Hall – IV

0745 – 0845	<b>Breakfast Symposia – 1</b> <b>Evolution of Skull Base Surgery</b> Chairpersons: K Sridhar, Vimal Sardana, Shyam Babhulkar Moderator: Deepu Banerjee	
0745 – 0755	Endoscopic excision of craniopharyngiomas	Y R Yadav
0757 – 0807	Endoscopic excision of suprasellar meningiomas	Suresh Sankhla
0809 – 0819	Endoscopic endonasal transcribriform approach for olfactory groove meningiomas	Awdesh Jaiswal
0821 – 0831	Endoscopic Endonasal approach to lesions in the Brainstem – Is it anatomically feasible?	Harman Singh
0833 – 0843	Endoscopic excision of colloid cyst	Hemant Bhartiya

## Hall - V

0745 - 0845	Breakfast Symposia - 4 <b>Meningiomas: in need of new thinking</b> Chairpersons: <b>Vani Santosh, Parimal Tripathy, Ghanshyam Agarwal</b> Moderator: <b>Sanjay Behari</b>	
0745 - 0755	Pathology and genetics of meningiomas (WHO 2016 update)	<b>Geeta Chacko</b>
0757 - 0807	Novel insights into molecular biology of meningiomas	<b>Vaishali Suri</b>
0809 - 0819	Meningiomas: diagnostic challenges on imaging and recent advances	<b>Rakesh Jalali</b>
0821 - 0831	Current approaches in the management of atypical meningiomas	<b>R C Mishra</b>
0833 - 0843	Novel surgical approaches for skull base meningiomas	<b>B S Sharma</b>

## Hall - I

0900 - 1115	Sessions: <b>Award Papers</b> Chairpersons: <b>Suresh Nair, K Ganapathy, A.K. Mahapatra, V D Sinha</b>	
<b>Award Paper - Allied Neurosciences</b>		
0009 - 0912	Analysis of H3K27M mutant glioma: A single entity with divergent phenotype	<b>CSR Sai Krishna</b>
0912 - 0924	Cerebral Perfusion Changes Before and After Decompressive Craniectomy for Cerebral Venous Sinus Thrombosis	<b>Yerasi Varun Kumar Reddy</b>
<b>Award Paper - Epilepsy Award</b>		
0924 - 0936	Surgical outcome of refractory extra temporal epilepsy surgery	<b>Lakshmi Narayana Paila</b>
<b>Award Paper - Cost Effective Management</b>		
0936 - 0948	Use of multimedia for informed consent and patient education in neurosurgery - Results of a Prospective Randomized Single centre Study	<b>Chemate Sachin Sambhaji</b>
0948 - 1000	A novel cost effective method of cranioplasty using 3d printing and PMMA	<b>Patel Pankaj Kumar Ranchhod Bhai</b>
<b>Award Paper - Neuro Oncology Award</b>		
1000 - 1012	Surgical outcome in cortical ependymoma: a single centre experience of 18 cases	<b>Deepak Khatri</b>
1012 - 1024	Skull and Spinal Ewings Sarcoma in children : An Institutional study	<b>K V Shivanand Reddy</b>
<b>Award Paper - Neurosurgery Award</b>		
1024 - 1036	Novel preoperative indicators of recurrent lumbar disc herniation: evidence from a predictive model analysis of 250 patients using artificial intelligence	<b>Vivek Raj</b>
1036-1048	Role of APOE and IL18 RAP gene polymorphisms in cervical spondylotic myelopathy	<b>Diptiranjana Satapathy</b>

1100 – 1115	<b>Tea Break</b>	
1115 – 1135	<b>Special Lecture – I</b> Topic : <b>Management of pediatric brainstem tumors</b> Speaker: <b>Frederick Boop, USA</b> Chairpersons : <b>C E Deopujari, Sandip Chatterjee, Paritosh Pandey</b>	
1135 – 1155	<b>Special Lecture – II</b> Topic : <b>New forms of Neurosurgical Education: The WFNS role</b> Speaker : <b>Franco Servadei, Italy</b> Chairpersons: <b>V S Mehta, V Rajshekhar, Sanjay Behari</b>	
1155 – 1230	<b>Jacob Chandy Oration</b> Topic: <b>To Be or Not to Be</b> Orator: <b>B K Misra Mumbai, India</b> Introduction: <b>Girish Menon</b> Chairpersons : <b>Suresh Nair, Ari Chacko, Girish Menon</b>	
1230 – 1310	<b>Presidential Oration</b> Topic: <b>An Odyssey with thousand cases of intracranial schwannomas. Role of surgical anatomy of the meninges &amp; its importance</b> Orator: <b>Suresh Nair, Trivandrum, India</b> Introduction: <b>A K Purohit</b> Chair persons: <b>Atul Goel, Deepu Banerjee, SN Mathuriya</b>	
1310 – 1355	<b>Lunch Break</b>	
<b>Hall - I</b>		
1355 – 1545	<b>Sprit and science of neurosurgery: a presentation by AANS delegates</b> Chairpersons: <b>Atul Goel, Franco Servadei, Shashank Kale</b>	
1355 – 1415	Spirituality and Neurosurgical Practice : Synchrony or Conflict	<b>Laligam Sekhar</b>
1415– 1430	Flow diversion in management of intracranial aneurysms	<b>Giusseppe Lanzino</b>
1430 – 1445	Minimally invasive spinal deformity algorithm update	<b>Praveen Mummaneni</b>
1445 – 1500	Osteotomies and other strategies for cervical and cervicothoracic deformity correction	<b>Christopher Shaffrey</b>
1500– 1515	MIS deformity surgery	<b>Mike Wang</b>
1515 – 1530	Stem Cell Therapy for Spinal Cord Injury: Rationale, Design, Early Results	<b>Sekhar Kurpad</b>
1530 – 1545	Fetal Microneurosurgical Repair of Myelomeningocele : Neurosurgical and Maternal Outcomes in the Post MOMS Trial Era	<b>Samer Elbabaa</b>
<b>Hall - II</b>		
1355 – 1545	<b>Neurology session</b> Chairpersons: <b>Gagandeep Singh, M D Nair, Anoop Varma</b>	
1355 – 1410	Burnout amongst neurologists and the way forward	<b>Soaham Desai</b>
1410 – 1425	Emergencies in DBS	<b>Vinay Goyal</b>
1425 – 1440	OSA in presurgical evaluation could it effect postoperative NS outcomes	<b>ManjiriTripathy</b>

1440 – 1455	Anti-MOG antibody: a new entity different from NMO spectrum disorder	Neetu Ramrakhiani
1455 – 1510	Spectrum of neurocysticercosis with emphasis on surgical management	Gagandeep Singh
1510– 1525	Botulinum toxin in Movement Disorders	Sanjay Pandey
1525 – 1540	Parasympathetic Hyperactivity in traumatic brain injury	Vinay Goyal

1545 – 1600	Tea Break	
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Hall I		
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1600 – 1705	<b>Free Paper Session – Neuro Oncology – 1A</b> Chairpersons: Nagendra Sharma, Shyam Babhulkar, Venkatesh Madhugiri	
1600 – 1615	Neuroendoscopic management of intraventricular tumors	Suresh Sankhla
1615 – 1625	To Map or not to map! - Lessons learnt from subcortical mapping in motor eloquent tumors	Aliasgar Moiyadi
1625 – 1635	Analysis of outcome of intraoperative neuromonitoring at a tertiary care hospital in India	Sudheer Ambekar
1635 – 1645	Telomerase Reverse Transcriptase Promoter Mutations In A Cohort Of Adult Gliomas - Clinicopathological Correlates	Geeta Chacko
1645 – 1655	Surgical excision of large-to-giant petroclival meningiomas focusing on the middle fossa approaches: The lessons learnt	Jaskaran Singh Gosal
1655 – 1705	Volumetric Assessment for Completeness of Resection in giant pituitary adenoma using intra-operative MRI in endoscopic pituitary surgery	Deepak Keshav Bhangale
1705 - 1805	<b>Free Paper Session – Neuro Oncology IB</b> Chairpersons: Dwarkanath Srinivas, V G Ramesh, Mahesh Maheshwari	
1705 – 1715	Surgical management of Hypothalamic lesions - How aggressive should be?	V R Roopesh Kumar
1715 – 1725	An Analysis of Prognostic Factors, Extent of Resection and Long term Outcome of Craniopharyngioma in Adults and Children.	S Saravanan
1725 – 1735	Study of role of immunohistochemistry in assessing aggressiveness of non-functioning pituitary adenomas & its implications in management	Guntuboyana Geeta Sraavan
1735 – 1745	Clinical Use of Diffusion Tensor Image-Merged Functional Neuronavigation for Brain Tumor Surgeries: Review of Preoperative, Intraoperative, and Postoperative Data for 30 Cases	Dhaval Kumar Bhikubhai Patel
1745 – 1755	Intra-operative pathological assessment in high grade glioma surgery- its role on extent of resection and patient survival- A prospective study at tertiary care center in India	Nidhikumar Ambalal Patel
1755 – 1805	Establishing Intraoperative Neurophysiological Monitoring Services in a Tertiary Care Hospital: Our Experience from 500 Surgeries	Nishanth Sampath

## Hall II

1600 – 1705	<b>Free Paper Session – Spine IA</b> Chairpersons: <b>Sudhir Dubey, Anil Pande, Chandan Mohanty</b>	
1600 – 1615 Lead paper	Sports related neurologic injuries	<b>John Knightly</b>
1615 – 1625	Accuracy of Free hand Fluoroscopy guided Screw Placement in Posterior Instrumentation of Upper Cervical Spine	<b>N Muthukumar</b>
1625 – 1635	Anterior deformity correction in cervical spondylotic myelopathy	<b>Anil Pande</b>
1635 – 1645	Biomechanical implications of unilateral facetectomy, bilateral facetectomy and partial bilateral facetectomy in minimal invasive transforaminal lumbar interbody fusions	<b>Ram Kumar Menon</b>
1645 – 1655	Role of cervical sagittal alignment on neurological recovery in patients with cervical spondylotic myelopathy	<b>Chandan Mohanty</b>
1655 – 1705	Non- destabilizing surgery for IDEM tumors	<b>Sunil Kumar Singh</b>
1705– 1805	<b>Free Paper Session – Spine IB</b> Chairpersons: <b>Alok Ranjan, Tarun Gupta, Mazda Turel</b>	
1705 – 1715	Transpedicular approach in subaxial cervical spine	<b>Krishna Sharma</b>
1715 – 1725	Vertebral Column Resection for the treatment of severe spinal deformity : A single institutional study	<b>Goutham Hanu Tammireddy</b>
1725 – 1735	Anterolateral vs posterolateral decompression and spinal stabilization in thoracolumbar Potts spine	<b>M Siddartha Reddy</b>
1735 – 1745	Surgical outcome in patients with cervical ossified posterior longitudinal ligament: Our institute experience.	<b>Paturi Kishore</b>
1745 – 1755	A prospective study of clinical and radiological outcome in stand alone cage vs cage-with-plate in contiguous two level anterior cervical discectomy and interbody fusion in subaxial cervical spine	<b>Kamesh Konchada</b>
1755 – 1805	Prospective study of 30 patients with clinico-radiologic diagnosis of cranio-vertebral junction anomalies	<b>Keyur Prajapati</b>

## Hall III

1600 – 1705	<b>Free Paper Session – NeuroTraumatology IA</b> Chairpersons: <b>H S Bhatoe, Sushil Taparia, Samerendranath Ghosh</b>	
1600 -1615 Lead paper	Complete brachial plexus injury! Is the outcome gloomy?	<b>Ketan Ishwarlal Desai</b>
1615 – 1625	Evaluating role of cisternal drainage of CSF in severe traumatic brain injury	<b>Amit Thapa</b>
1625 – 1635	Evaluation of extent and pattern of neurocognitive functions in mild and moderate traumatic brain injury patients by using Montreal cognitive assessment (MoCA) score as a screening tool: An Observational study from India	<b>Naresh Panwar</b>

1635 – 1645	Optic nerve sheath diameter measurement by ultrasound as a potential correlate for raised intracranial pressure in acute traumatic brain injury (TBI)	Neeraj Jha
1645 – 1655	Retrospective study on Syndrome of Trepined following Decompressive craniectomy	Ravi Kiran Gorijala
1655 – 1705	Novel modification of FOUR score : comparative analysis with GCS in poly trauma patients	Ashirwad Karigoudar
1705-1805	<b>Free Paper Session – NeuroTraumatology IB</b> Chairpersons: <b>Maneet Gill, K K Bansal, Deepak Agarwal</b>	
1705 – 1715	Opening of basal cisterns and loose dural closure for CSF drainage in decompressive craniotomy. Our experience of 52 cases	D B Katikar
1715 – 1725	GRASP- A Novel scoring method to assess prognosis in traumatic brain injury	Sai Sriram S
1725 – 1735	Clinical outcome of traumatic brain injuries in sickle cell disease patients	Mehul Navinchandra Modi
1735 – 1745	Comparative study of derangement of coagulation profile between adult and paediatric age groups in moderate to severe traumatic brain injury	Manish Agarwal
1745 – 1755	To evaluate the Intracranial Pressure before and after cranioplasty	Ajit Singh
1755 – 1805	Neurobehavioural sequelae of moderate TBI	Jijo Joseph

### Hall IV

1600 -1710	<b>Free Paper Session – Craniovertebral Junction</b> Chairpersons: <b>Sanjay Behari, Abhidha Shah, Pravin Salunke</b>	
1600 -1610 Lead paper	Anterior extrapharyngeal Screw plate fixation with anterior transarticular screws for odontoid fractures.	Patkar Sushil Vasant
1610 – 1620	Neck deformity and atlantoaxial instability	Abhidha Shah
1620 – 1630	Exploring the facet joints: a mandatory key for management of congenital AAD	Sardhara Jayesh C
1630 – 1640	Atlantoaxial Fixation for Odontoid Fracture: Analysis of 124 Surgically Treated Cases.	Achal Gupta
1640 – 1650	Surgery for CVJ anomalies using customized 3d printed models: Making the operation Safe	Rashim Kataria
1650 – 1700	C1-2 and C2-3 instability in presence of hypoplastic posterior elements of C2 vertebra- A lesser known entity , Its implications, management and technical challenges	Arjun Dhar
1700 – 1710	Revision craniovertebral junction surgery by lateral mass plate and screw fixation	Apurva Prasad
1710 -1810	<b>Free Paper Session – Craniovertebral Junction, Skull Base Endoscopy and recent advances</b> Chairpersons: <b>Batuk Diyora, Sukhdeep Singh Jhavar, Harsh Jain</b>	
1710 – 1720	Large aggressive nasopharyngeal tumours with intracranial extension: Is trans-basal route the ideal approach for complete tumour excision??	Man Mohan Singh

1720 – 1730	Chiari malformation: Clinical spectrum, surgical options and outcome.	<b>Arvind Kumar Srivastava</b>
1720 – 1740	Comparison of posterior fossa decompression with and without duraplasty in surgical management of Adult Chiari 1 Malformation	<b>Susil Kumar Rath</b>
1740 – 1750	Clinical Study & Outcome of Posterior Fossa Decompression with Duraplasty for Chiari 1 Malformation on Chicago Chiari Outcome scale (CCOS)	<b>Abta Bachchan</b>
1750 – 1800	Endoscopic endonasal approach for craniopharyngiomas: An institutional experience	<b>Prakash Nair</b>
1800 – 1810	Initial Experience with Endoscopic endonasal transsphenoidal surgery of pituitary adenomas : Lessons learnt	<b>Pawan Goyal</b>
1710 – 1720	Large aggressive nasopharyngeal tumours with intracranial extension: Is trans-basal route the ideal approach for complete tumour excision??	<b>Man Mohan Singh</b>

### Hall V

1600 – 1630	<b>Award Poster Session</b> Judges: <b>Paritosh Pandey, Tushar Soni</b>	
AP - 1	The prevalence of physiological anisocoria and its clinical significance - a neurosurgical perspective	<b>Ananth P Abraham</b>
AP - 2	Predictors and management strategies of pseudomeningoceles in neurosurgical procedures : A neglected complication	<b>K V Shivanand Reddy</b>
AP - 3	Combined endoscopic approach in the management of suprasellar craniopharyngioma	<b>Salman Tehran Shaikh</b>
AP - 4	Proximal myopathy due to phosphaturic mesenchymal tumor - The importance of making the diagnosis, localizing the tumour and successful resection. A case report	<b>Shishir Kumar</b>
AP - 5	Retrospective analysis of radiological and clinical comparison of flow diverter versus stent assisted coiling for intracranial aneurysm	Chemate Sachin Sambhaji
AP - 6	A Study on knowledge, aptitude and practice regarding brain death amongst neuroscientists	<b>Nishant Kumar Shukla</b>
1630 – 1805	<b>Free Paper Session – Basic Sciences &amp; Miscellaneous</b> Chairpersons: <b>Manish Agarwal, Sateesh Melkundi, S K Jain</b>	
1630 – 1645 (lead paper)	Minimal Access Microsurgery for Spinal Intradural Extramedullary tumours - Techniques and Results	<b>JKBC Parthiban</b>

1645 – 1655	Anatomical variations in middle cerebral circulation - a cadaveric study	<b>P Vignesh</b>
1655 – 1705	An integrative biology approach to redefine unique meta-gene signatures in human brain derived stem cells	<b>Avinash Bardia</b>
1705 – 1715	Bioengineering humanized neurological tissue constructs using decellularized meningeal scaffolds for regenerative applications in spinal cord injury	<b>Sandeep Kuara Vishwakarma</b>
1715 – 1725	Xeno-free neurogenic differentiation of human umbilical cord blood derived stem cells for neuro-regenerative applications	<b>Aleem Ahmed Khan</b>
1725- 1735	Is it necessary to leave your mark on the patient?	<b>Mohamed Amjad Jamaluddin</b>
1735 – 1745	Surgical management of Intracranial Epidermoid Tumors- An Institutional review of 234 cases	<b>Anuj Arun Bhide</b>
1745 – 1755	Thyroid hormonal abnormalities in survivors of moderate and severe traumatic brain injury	<b>Swapnil Kothalkar</b>
1755 – 1805	Clinical Neuropsychology: Demystifying the Science & Art: An AIIMS experience	<b>Ashima Nehra</b>
<b>1830 onwards</b>	<b>General Body Meeting Hall II</b>	