



WORLD NEUROSCIENCES SUMMIT - II

Basic, Beyond and Continuum

23 - 25 August, 2019

J W Marriott, Aerocity, New Delhi



WNS
2019

Conference Secretariat:

6th Floor, OPD, Medanta Institute of Neurosciences

Medanta The Medicity

Gurgaon, Haryana -122001

M: +91-8826325870, +91-8826035870

Email: wns.02019@gmail.com

**Scientific
Program**



A big welcome to one and all of you to the family of World Neurosciences Summit, from 23rd to 25th August, 2019.

We have planned an elaborate and invigorating scientific programme and are looking forward to your presence.

ORGANISING CHAIRMAN

Arun Garg

ORGANISING SECRETARY

Sudhir Dubey

ADVISORS

Chief Patron

Naresh Trehan

Patrons

A K Banerji

V P Singh

Advisor in Chief

Ashok Panagariya

CONVENORS

Harsh Sapra

Gaurav Goel

Karanjit Singh Narang

Atma Ram Bansal

CO-CONVENORS

Rajeev Goyal

Abdul Muniem

Sushant Bhuyan

Deepak Bhangale

Himanshu Soni

Satyakam Baruah



SCIENTIFIC PROGRAM

Day - 1 : 23 - August, 2019

Hall - A (Neurology)

Time	Agenda	Speakers
1130 - 1240 Hrs	Session: NEURO OPHTHALMOLOGY: NUTS & BOLTS OF WHAT YOU NEED TO KNOW Chairpersons - Shamsheer Dwivedi, Salil Gupta, Surekha Dabla, Sushila Kataria	
1130 - 1150 Hrs	When every colour turns black: Approach to loss of vision	Nadir Bharucha
1150 - 1210 Hrs	When double spells trouble: Approach to diplopia	M Madhusudhanan
1210 - 1230 Hrs	That furtive glance of roving eye: Approach to nystagmus & eye movement disorders	V Jaya Kumar
1230 - 1240 Hrs	Q & A	
1240 - 1330 Hrs	Session: STRIKING A FINE BALANCE Chairpersons - P N Renjen, Jaideep Bansal, Neera Chaudhary, B L Kumawat	
1240 - 1300 Hrs	I become tizzy when it gets dizzy: Approach to non-vestibular vertigo	Meenakshisundaram U
1300 - 1320 Hrs	That uncoordinated feeling: Approach to ataxia	Kalyanbrata Bhattacharyya
1320 - 1330 Hrs	Q & A	
1330 - 1430 Hrs	LUNCH BREAK	
1430 - 1530 Hrs	Session: DEMYELINATING DISORDERS: WHAT WE KNOW Chairpersons - Sushil Razdan, J D Mukherji, Rajiv Anand, Tarun Agarwal	
1430 - 1455 Hrs	Red hot chilli peppers: CLIPERS & Other rare CNS inflammatory syndromes	Charu Sankhala
1455 - 1520 Hrs	NaMO NaMO: Neuromyelitis optica spectrum disorders	P Satish Chandra
1520 - 1530 Hrs	Q & A	
1530 - 1630 Hrs	Session: DEMYELINATING DISORDERS: WHERE ARE WE GOING Chairpersons - Dinesh Sharma, Anshu Rohatgi, Sanjay Saxena, Sudheeran Kannoth	
1530 - 1555 Hrs	Rituximab in MS and other neuro-immunological disorders: Translating theory into practice	Thomas Mathew
1555 - 1620 Hrs	Breaching the infinite: Finite therapy - Is this the future of MS treatment	Rohit Bhatia
1620 - 1630 Hrs	Q & A	
1630 - 1700 Hrs	GAME OF THRONES – WHO IS THE KING? Clinico-Radio-Pathological correlation	Moderator - Ishani Mohapatra Experts - Chitra Sarkar, Ajay Garg, Rohit Bhatia
1700 - 1730 Hrs	TEA	



Hall - B (Neurosurgery - Brain)

Time	Agenda	Surgeons
0800 - 1600 Hrs	SURGICAL THEATRE": LIVE SURGERY FROM MEDANTA OR	
	Brain & Endoscopy	
	Epilepsy surgery Moderators - B A Chandramouli, V P Singh, Suchanda Bhattacharjee	Ravimohan Rao, Satyakam Baruah, Sameep Koshti
	Glioma Resection with Aided Technologies (iONM, iOUSG, iMRI) Moderators - Ali Asgar Moiyadi, Karanjeet Singh Narang	Manas Panigrahi, Anand Balasubrahmaniam, Ratnadip Bose, Vikas Sharma
	Extended Endoscopic Approach for Craniopharyngioma Moderators - Suresh Sankhala, Nishit Shah	Daniel Prevedello (USA), Nishit Shah, Deepak Bhangale
	Deep Brain Stimulation Moderator - Atul Gupta	Milind Deogaonkar (USA), Sanjay Mongia, Ravi Verma, Anirban Deep Banerjee, Shameem Ahmed
	Stereotaxy Systems	V P Singh, Shibu Pillai, Sanjay Mongia, Swapnil Patil

Hall - C 1 (Neurosurgery - Spine)

Time	Agenda	Faculty
0800 - 1500 Hrs	SURGICAL THEATRE": LIVE SURGERY FROM MEDANTA OR MISS Spine	
	OLIF Moderators - Niraj Vasavada, Jayesh Sardhara	Sudhir Dubey, Deepak Bhangale
	Endoportall MISS (TLIF, Tubular Dissectomy) Moderators - Niraj Vasavada, Ankur Nanda, Rishabh Kedia	Jorg Franke (Germany), Rajkumar Deshpande, Alok Ranjan, Umesh Srikantha, Himanshu Champaneri
	Spinal Cord Stimulation	Anirban Deep Banerjee, Sandeep Vaishya, Rajkumar

1500 - 1900 Hrs MASTER CLASS SESSIONS : "ESSENTIALISM IN ENDOSCOPIC SKULL BASE: PERSUIT OF LESS" (INFOGRAPHICS)

1. Bony anatomy
2. Cadaver videos of various approaches
3. Trans Cribiform: Olfactory groove meningioma
4. Transplanum: Planum sphenoidale meningioma
5. Craniopharyngioma
6. Cavernous sinus in and around
7. The front door to Meckel's cave
8. Clival approaches
9. Odontoid approaches
10. Corridor entry to Pterygopalatine fossa

Daniel Prevedello (USA), Nishit Shah, Suresh Sankhla, Vikram Muthusubramaniam, Atul Mittal, Radhamadhab Sahu

MASTER CLASS SESSIONS: CHALLENGES AND COMPLICATION IN SPINAL SURGERY (INFOGRAPHICS)

1. Junctional Problems
2. Saggital Balance: Do the goals always justify the means?
3. CSF Leak during surgery: The Good, The Bad, The Ugly
4. Revision TLIF
5. Revision Kyphoscoliosis
6. Bleeding: What went wrong?
7. Intra-operative Neurologic Injury management
8. Revision disc
9. My worst cases
10. Intramedullary lesion

Jorg Franke (Germany), Umesh Srikantha, Alok Ranjan, Vishal Kundani, Gururaj S, Vishal Peshattiwar, Niraj Vasavada, Ankur Nanda, Raymond Malinga (Uganda), Amuron Naomi (Uganda)

Hall - D (Neuro Critical Care Course)

THE GREAT GREY CELL CONNEXION: From 'BOOKS' to 'BED'!

Time	Agenda	Faculty
0815 - 0830 Hrs	Introduction to the course	Harsh Sapra
0830 - 0915 Hrs	Back to Basics: Applied cerebral physiology & neurocritical care principles	Vasudha Singhal



Time	Agenda	Faculty
0915 - 0945 Hrs	Into the chemical maze: Neuropharmacology	Indu Kapoor
0945 - 1030 Hrs	When life takes an unknown detour: Traumatic brain injury	Priyanka Khurana
1030 - 1100 Hrs	"Backstabbed": Traumatic spine injury	Prashant Kumar
1100 - 1115 Hrs TEA BREAK		
1115 - 1200 Hrs	The 'Evil Axis': Metabolic, electrolyte and hormonal derangements in neuro ICU	Vanitha Rajgopalan
1200 - 1230 Hrs	Bugs and Bees: Management of acute bacterial meningitis	Vasudha Singhal
1230 - 1300 Hrs	Fire in the Attic: Acute encephalitis syndromes	Vikas Deswal
1300 - 1345 Hrs LUNCH BREAK		
1345 - 1430 Hrs	Getting the hang of things: Basics of neuromonitoring	Hemanshu Prabhakar
1430 - 1450 Hrs	Home based neuro critical care - An Indian experience	Gaurav Thukral
1450 - 1650 Hrs	WORKSHOP: All theory and no practical makes jack a dull doc: Neuromonitoring ICP monitoring / Cerebral microdialysis TCD Cerebral oximetry	Vasudha Singhal / Charu Mahajan Hemanshu Prabhakar Indu Kapoor
1700 - 1930 Hrs	Stroke Workshop : Perceptorship Programme Welcome & Introduction Introduction A 2 Z of NIHSS scoring Assessment & Inclusion Exclusion Criteria of thrombolysis in AIS Vascular anatomy and Imaging in stroke Stroke: How I do it: German Way Case based presentation of interesting case Q & A with one to one interaction	Moderator - Vinit Banga Experts - Arun Garg, Vijay Sardana, Gaurav Goel, Rene Chapot (Germany), Anshu Mahajan

Hall - E Botulinum Toxin Workshop

Time	Agenda	Speakers
1700 - 1930 Hrs	Spasticity - Upper limb & Lower limb	Moderator - Rajeev Goyal Experts - Abhishek Shrivastava, Anupam Gupta, Vinay Goyal, Hrishikesh Kumar, Ravi Yadav

Hall - F Faculty Lounge and Preview Room

1930 Hrs onwards

Dinner @ Banquet Hall J W Marriott, Aerocity

**Day - 2 : 24 - August, 2019****Hall - A (Neurology)**

Time	Agenda	Speakers
1100 - 1150 Hrs	Session: CHALLENGES IN NEUROLOGY: WHAT DO I DO NOW? Chairpersons - Vinod Puri, Anjani Sharma, R R Aggrawal, Mukesh Mehra	
1100 - 1120 Hrs	That sinking feeling: Approach to rapidly progressive paralysis	S V Khadilkar
1120 - 1140 Hrs	The hijacked throat: Approach to dysphagia	A V Srinivasan
1140 - 1150 Hrs	Q & A	
1150 - 1250 Hrs	Session: PEARLS OF WISDOM FROM THE MASTERS Chairpersons - Meena Gupta, K S Anand, Manjari Tripathi, Bhawna Sharma	
1150 - 1215 Hrs	Idiopathic intracranial hypertension: Everything you need to know	Ashok Panagariya
1215 - 1240 Hrs	The Brain screams in silence: Management of refractory status epilepticus	K Radhakrishnan
1240 - 1250 Hrs	Q & A	
1250 - 1330 Hrs	KEY NOTE ADDRESS	
1250 - 1255 Hrs	Introduction	Ashok Panagariya
1255 - 1325 Hrs	Management of myasthenia gravis: When Drugs fatigue	B S Singhal
1325 - 1330 Hrs	Q & A	
1330 - 1430 Hrs	LUNCH BREAK	
1430 - 1520 Hrs	Session: HEADACHE: WHAT DO WE NEED TO KNOW Chairpersons - C S Aggarwal, J P Agarwal (Nepal), Pushkar Gupta, Anil Motta	
1430 - 145 Hrs	More than "Just a headache" : Learning from Complex Cases	Debashish Chowdhury
1450 - 1510 Hrs	Silencing those hammers and tongs: Treatment of Primary headache disorders	Sanjay Prakash
1510 - 1520 Hrs	Q & A	
1520 - 1630 Hrs	Session: STROKE: CONTROVERSY & CONSENSUS IN CLINICAL DECISION MAKING Chairpersons - Vinit Suri, Puneet Agrawal, Trilochan Srivastava, Vijay Arora	
1520 - 1540 Hrs	Stealth bombers: Ischemic stroke of undetermined cause	Subhash Kaul
1540 - 1600 Hrs	Normal is boring: Stroke treatment beyond guidelines	Dheeraj Khurana
1600 - 1620 Hrs	Unclogging the roads: Antithrombotic therapy in stroke – What, When & How?	Vijay Kumar Javalkar (USA)
1620 - 1630 Hrs	Q & A	
1630 - 1700 Hrs	TEA BREAK	

Hall - B (Neurosurgery - Brain)

Time	Agenda	Speakers
0800 - 0900 Hrs	NEURO-ONCOLOGY PLENARY : "NEW ERA NEW THOUGHTS" Chairpersons - K V R Sastry, Lalit Bharadwaj, N K Das	



0800 -0815 Hrs	New therapies for gliomas – oncolytic virus and others – what should we be doing in India in 2019	Venkatesh Madhugiri
0815 - 0830 Hrs	Per-operative advanced mapping and tracking	Anand Balasubrahmaniam
0830 - 0840 Hrs	Molecular markers for brain tumors – from laboratory to war zone	Vani Santosh
0840 - 0850 Hrs	Transylvian approach for Insular glioma: critical steps and complications	Mathew Abraham
0850 - 0900 Hrs	Transopercular approach Insular glioma: critical steps and complications	Ravi Mohan Rao

0900 - 1005 Hrs **SOL PLENARY: “NOW YOU SEE ME”**
Chairpersons - Arvind Bhateja, Rajiv Dua

0900 - 0915 Hrs	Incidental lesion: Can you decipher?	Vedantam Rajsekhar
0915 - 0930 Hrs	Brain metastases 2.0: Current concepts and challenges!	Ali Asgar Moiyadi
0930 - 0955 Hrs	Current Evidence & Guidelines in management of Brainstem Glioma and Pineal Tumors	Venkatesh Madhugiri
0955 - 1005 Hrs	Clinico-patho-radiological sixers	Vani Santosh

1005 - 1100 Hr **VESTIBULAR SCHWANNOMA: “ORANGE IS NEW BLACK”**
Chairpersons - Tarun Pandey, Sudhir Tyagi, L N Gupta

1005 - 1015 Hrs	Nothing beats a great smile!! Seventh nerve preservation	Vikas Vazhayil
1015 - 1025 Hrs	Can u hear me!! Eight nerve preservation	Vikram Muthusubramaniam
1025 - 1035 Hrs	Misadventure disaster in VS surgery	Manmohan Singh
1035 - 1100 Hrs	Debate: SRS vs Microsurgery for sub 3 cm vestibular schwannoma - SRS	Manjul Tripathi
1035 - 1100 Hrs	Debate: SRS vs Microsurgery for sub 3 cm vestibular schwannoma - Microsurgery	Manas Panigarhi

1100 - 1200 Hrs **LIVE WIRE: “SERIES OF FORTUNATE EVENTS”**
Chairpersons - V K Kak, Audumbar S Netalkar, Suchanda Bhattacharjee, Ajit Singh

1100 - 1115 Hrs	Controversies in Movement Disorder	Milind Deogaonkar
1115 - 1130 Hrs	Controversies of tethered cord syndrome	Sandip Chatterjee
1130 - 1140 Hrs	Controversies for treatment of Trigeminal neuralgias	Anand Balasubrahmaniam
1140 - 1150 Hrs	Controversies in Hydrocephalus	Shibu Pillai
1150 - 1200 Hrs	Controversies in Brachial Plexus	Ketan Desai

1200 - 1300 Hrs **VENTRICULAR LESIONS: “WATER ACADEMY”**
Chairpersons - A K Jain, Gauri Joshi, Bopanna, A K Srivastav

1200 - 1210 Hrs	Microscopic excision (VIDEOS)	Suresh Dugani
1210 - 1220 Hrs	Endoscopic excision (VIDEOS)	Suresh Sankhla
1220 - 1230 Hrs	Endoscope assisted resection (VIDEOS)	Awadesh Jaiswal
1230 - 1300 Hrs	Debate: Open vs Minimally access/Endoscopic - Open	Suresh Dugani
1230 - 1300 Hrs	Debate: Open vs Minimally access/Endoscopic - Minimally access/Endoscopic	B S Sharma

1300 - 1400 Hrs

LUNCH BREAK



1400 - 1440 Hrs **GREY MATTERS: "WHEN BRAIN BURNS"**
Chairpersons - A K Banerji, V P Singh, Sanjeev Dua, P K Sachdeva

1400 - 1410 Hrs	Artificial intelligence & Robotics In Neurosurgery	Vikas Vazhayil
1410 - 1420 Hrs	Intraoperative tech in neurosurgery	Ravi Cherkuri (Australia)
1420 - 1430 Hrs	Limitation of endoscopic skull base	Daniel Prevedello (USA)
1430 - 1440 Hrs	Garage innovations in neurosurgery	Rana Patir

1440 - 1550 Hrs **MENINGIOMAS: "SIMPLE COMPLEXIFIED"**
Chairpersons - Kamal Verma, M L A Rahman, Mahendar Singh Chouhan, Shameem Ahmed

1440 - 1450 Hrs	Preservation of encased nerves and vessel in Meningioma Surgery (video)	Dilip Panikar
1450 - 1500 Hrs	My most difficult Petroclival Meningioma	Manas Panigrahi
1500 - 1510 Hrs	My most difficult Clinoidal Meningiomas	Sanjay Bihari
1510 - 1520 Hrs	My worst complication in meningioma surgery	Ravi Verma
1520 - 1550 Hrs	Debate for 3cms Meningioma - Radio-Surgery	Aditya Gupta
1520 - 1550 Hrs	Debate for 3cms Meningioma - Microsurgery	Dilip Panikar

1550 - 1630 Hrs **FORMIDABLE CRANIOPHARYNGIOMA PLENARY: "WILD WILD THINGS"**
Chairpersons - B A Chandramouli, Hygrew Rao, Achal Sharma

1550 - 1600 Hrs	Microscopic excision (videos/results)	Girish Menon
1600 - 1610 Hrs	Endoscopic excision (videos/results)	Daniel Prevedello (USA)
1610 - 1620 Hrs	Recurrent Craniopharyngioma	Ari Chacko
1620 -1630 Hrs	State of evidence for RT vs GKRS vs Cyberknife	

1630 - 1710 Hrs **VASCULAR PLENARY: "DAREDEVILS"**
Moderators - Girish Menon, Girish Rajpal
Chairpersons - Ravi Verma, Anita Jagetia, Navanil Barua, Sonal Jain

1630 - 1700 Hrs	Debate: MCA Aneurysm: For clipping	V R Roopesh Kumar
1630 - 1700 Hrs	MCA Aneurysm: For coiling	Paritosh Pandey
1700 - 1710 Hrs	Non Clippable, Non-Coilable Aneurysms	Gaurav Goel

1710 - 1750 Hrs **VASCULAR VIDEOS**
Chairpersons - Vikas Gupta, Girish Rajpal, Ajay Choudhury, Ajit Sinha

1710 - 1715 Hrs	My most difficult ACOM Clipping	V R Roopesh Kumar
1715 - 1720 Hrs	My most difficult DACA Clipping	Paritosh Pandey
1720 - 1725 Hrs	My most difficult BASILAR top clipping	Swaroop Gopal
1725 - 1730 Hrs	My most difficult AICA Clipping	Ari Chacko
1730 - 1735 Hrs	My most difficult ophthalmic artery aneurysm clipping	Rajneesh Kachhara
1735 - 1740 Hrs	My most difficult posterior circulation clipping	Rajneesh Kachhara
1740 - 1745 Hrs	STA -MCA Bypass	Shashwat Mishra
1745 - 1750 Hrs	Recurrent aneurysm after endovascular coiling	Girish Menon

**Hall - C (Neurosurgery - Spine Conclave)**

Time	Agenda	Speakers
0900 - 1030 Hrs	Session: "GAME OF BONES": DEFORMITY FOR NON-DEFORMITY SURGEONS Convenors - Jorg Franke (Germany), Vineesh Mathur, Natrajan	
	Spinal alignment – odontoid tip to coccyx: what every surgeon should know?	Jorg Franke (Germany)
	Spinal instability – what every surgeon should know?	
	When right things go wrong - case illustrations of bad sagittal balance	Sajesh Menon
	When right things go wrong - case illustrations of bad coronal balance	Rishi Kanna
	How to tailor the surgery according to balance	Jorg Franke (Germany)
	Adult degenerative deformity :To Decompress only or Fusion	Pankaj Kandwal
	Fusion levels, how to choose upper and lower ends of fusion	Ramesh Chandra
	Management of kyphotic deformities: Principles and techniques	Ankur Nanda
1030 - 1130 Hrs	Session: "CEMENTED DEVELOPMENT": DISC Convenors - Umesh Srikantha, Karanjeet Singh Narang, Dharmendra Singh, Mahendra Chaudhary	
	Approach to disc surgery – whom will I operate?	Umesh Srikantha
	How much disc to remove in coronal, sagittal and axial plane	Bharat Dave
	Extent and confirmation of decompression	Bharat Dave
	Preventing recurrences and failures disc surgery	Abhay Kumar
	How do I manage disc infection?	Niraj Vasavada
	Tips & Tricks: Inside-Out, Outside-In and Outside-Out. When, What & How?	G Balamurli
	Videos: 1). Foraminal disc approaches 2). Inter-laminar microscopic 3). Inter-laminar endoscopic 4). Inter-laminar tubular retractor 5). Transforaminal approach 6). Recurrent DISC Video	G Balamurli, Abhay Kumar, Vishal Peshattiwar
1130 - 1300 Hrs	Session: "ATLAS SHRUGGED" : PANEL DISCUSSION - CV JUNCTION INSTABILITY – EVOLVING CONCEPTS Convenors - Sanjay Bihari, Abida Shah, Vyom Bhargav, Mahesh Kuriyal	
	The Real Anatomy behind the Scene	Jayesh Sardhara
	AAD – diagnosis and management	Sanjay Bihari
	Redefining Atlanto-Axial Dislocation and Multiplanar Realignment	Pravin Salunke
	ACM with AAD	Abhidha Shah
	Principal surgical maneuvers	Pankaj Gupta
	MIS In CV Junction	Vishal Kundani
1300 - 1400 Hrs	LUNCH BREAK	
1400 - 1700 Hrs	Session: "TLC ONE AT A TIME (THORACIC, LUMBAR CERVICAL)"	
1400 - 1530 Hrs	Sub-session: MINIMALLY INVASIVE LUMBAR SPINE SURGERY BASIC AND BEYOND Convenors - Rajkumar Deshpande, Subir M Jhaveri, Shyam Sunder	
	Tubular Dissectomy	Alok Ranjan
	PELD	Sura Sukumar



TLIF	Subir M Jhaveri
OLIF	Niraj Vasavada
ALIF	V Anand Naik
How deformed is too deformed for MISS? And other limitations	Vishal Kundani
MISS Limitation	Rajkumar Deshpande
MIS achieving lordosis	Ranjith Unnikrishnan
MIS Sacroillac Instrumentation	Jacob Mathew
Trendy or Mandatory: Navigation in spine surgery	Varun Agarwal

1530 - 1630 Hrs Sub-session: MINIMALLY INVASIVE CERVICAL SPINE SURGERY: LESS IS More
Convenors - Umesh Srikantha, Sandeep Sonone

Anatomic pearls in MIS cervical spine	Sandeep Sonone
MIS Laminoforaminotomy	Kartik Kailash
MIS Lateral screws	Umesh Srikantha
MIS Spinal Tumours	Sandeep Vaishya
CervicoThoracic junction-surgical options and decision making	Sandeep Sonone
Odontoid screw	Deepak Gupta

1630 - 1700 Hrs Sub-Session: MINIMALLY INVASIVE THORACIC SPINE SURGERY(LESS IS MORE) - THE MOST OVERLOOKED!!
Convenors - Jorg Franke (Germany), Sudhir Dubey, Nitin Garg

The Real Anatomy Behind The Scene	Gururaj S
MIS Laminotomy	Alok Ranjan
MIS Laminopediculotomy	Jacob Mathew
MIS Extraforaminal	Jorg Franke (Germany)
MIS Extended Approach	Nitin Garg
Overview	Sudhir Dubey

Hall - D (Neuro Critical Care Course)

THE GREAT GREY CELL CONNEXION: From 'BOOKS' to 'BED'!

Time	Agenda	Speakers
0800 - 0900 Hrs	So what options do we have?: Pain procedures in neuro-intensive care	Rajkumar
0900 - 0945 Hrs	Life after the golden hour: Intensive care management of ischemic & hemorrhagic stroke	Chandril Chugh
0945 - 1015 Hrs	It's all "gas": ABG analysis	Deepak Govil
1015 - 1045 Hrs	Food for thought: Nutrition in neurocritical care	Yash Javeri
1045 - 1100 Hrs	TEA BREAK	
1100 - 1145 Hrs	Thwarting that lurking demon: SAH & management of delayed cerebral ischemia	Charu Mahajan
1145 - 1215 Hrs	Ripples in a still brain": Managing status and non convulsive status epilepticus in ICU	Nidhi Gupta
1215 - 1300 Hrs	Living beyond your lifespan": Brain death & organ donation	Jaya Wanchoo
1300 - 1345 Hrs	LUNCH BREAK	
1345 - 1600 Hrs	WORKSHOP: Simulation for stimulation: Neurosimulation of neurological emergencies	Gaurav Kakkar

**Hall - E**

Time	Agenda	Faculty
0800 - 1100 Hrs	NCV/EMG Workshop	Moderator - Sushant Bhuyan Experts - Khushnuma Mansukhani, Alika Sharma Lajita Bala Krishnan
0800 - 0830 Hrs	When should I report demyelination on NCS?	
0830 - 0900 Hrs	All you wanted to know about RNS	
0900 - 0930 Hrs	Tips & tricks in needle electromyography	
0930 - 1100 Hrs	Demonstrations How should I study the Ulnar nerve Repetitive nerve stimulation -technique, tips, troubleshooting, interpretation Reflexes (H reflex, Blink reflex, F wave) -technique, tips, troubleshooting, interpretation	
1130 - 1330 Hrs	Botulinum Toxin Workshop	Moderator - Rajeev Goyal Experts - Vinay Goyal, Hrishikesh Kumar, Ravi Yadav, Abhishek Shrivastava, Anupam Gupta
	Blepharospasm and Hemifacial Spasm Cervical Dystonia Oro-Mandibular Dystonia Focal Limb Dystonia Headache	
1330 - 1430 Hrs	e-Poster presentation	Jury - Sudhir Shah (Neurology) Audumbar S Netalkar (Neurosurgery)
1330 - 1430 Hrs	LUNCH	
1430 - 1700 Hrs	Sleep Workshop	Moderator - Abdul Muniem Experts - Manvir Bhatia, Ravi Gupta
	Introduction to sleep medicine Obstructive sleep apnea - It's implications on health and healthcare Approach to Central causes of hypersomnolence Unusual clinical presentations of OSA in clinic - How high should the index of suspicion be? PSG Hooking and titration Introduction to PAP devices Q & A and concluding remarks	
1715 - 1915 Hrs	Neuro Radiology Workshop	Experts - Rajiv Gupta, Jayesh Modi, Jai Prakash Sharma, Sharath Kumar G G
	Demyelinating Disorders Metabolic & related disorders Epilepsy & related disorders CNS Infection Other interesting neuroradiological images	

Hall - F**Faculty Lounge and Preview Room**

**Hall - G (Studio - 5,6 & 7 - First Floor)**

Time	Agenda	Faculty
0800 - 1300 Hrs	Stroke workshop : Perceptorship Programme	Moderator - Vinit Banga Experts - Arun Garg, Vijay Sardana, Gaurav Goel Anshu Mahajan
	AIS Protocol - Hospital Rounds (Emergency, Radiology, ICU, Neurology) Visit to Neuroradiology and cath lab Body Interact Simulation & Vote of Thanks	

1330 - 1430 Hrs**LUNCH BREAK**

Time	Agenda	Faculty
1330 - 1400 Hrs	STAR WARZ: QUIZ PRELIMS	Quiz Master- Hrishikesh Kumar, Paritosh Pandey

Time	Agenda	Speakers
1630 - 2000 Hrs	EEG Workshop Moderator - Atma Ram Bansal	
	Session - 1	
	Normal awake EEG including HV/Photic	Atma Ram Bansal
	Normal sleep EEG	Neeraj Baheti
	EEG Demo – 1	
	Session - 2	
	Artifacts in EEG	Atampreet Singh
	Non-epileptiform EEG abnormalities	K. Radhakrishnan
	EEG Demo – 2	

1930 Hrs Onwards**Cultural Evening (Concept : Vijay Sardana)**
Performance by "Humsufi" (A ZEE Entertainment Initiation) & Gala Dinner**Day - 3 : 25 - August, 2019****Hall - A (Neurology)**

Time	Agenda	Speakers
1030 - 1120 Hrs	Session: WHEN THE BRAIN SPINS A COCOON Chairpersons - M M Mehndiratta, R K Dhamija, Praveen Gupta, Manoj Soma Sekharan	
1030 - 1050 Hrs	Putting an end to that wobble: Step by step management of acute vertigo	Anirban Biswas
1050 - 1110 Hrs	Too fast too furious: Approach to Rapidly Progressive Cognitive Decline	Bindu Menon
1110 - 1120 Hrs	Q & A	
1120 - 1230 Hrs	Session: MOVEMENT DISORDERS: MOVERS AND SHAKERS Chairpersons - Rajesh Garg, Atul Prasad, Sunit Shah, Niraj Kumar	
1120 - 1140 Hrs	Management of Parkinson's disease: Pearls and Pit falls	Prashanth L K
1140 - 1200 Hrs	Chemical locha: Drug induced movement disorders	Mohit Bhatt
1200 - 1220 Hrs	Putting a break on it: Case based approach to dystonia	Asha Kishore
1220 - 1230 Hrs	Q & A	



1230 - 1315 Hrs **Session: OLD SKILLS AND NEW TOOLS IN MANAGEMENT OF CNS TB**

Moderator - Neha Gupta

Panelists - A N Jha, Vedantam Rajshekhar, R K Garg, Rajeev Soman

1230 - 1250 Hrs The deft strokes: **Art of treatment of CNS TB**

Rajeev Soman

1250 -1315 Hrs **Panel discussion:** Management of CNS TB

1315 - 1400 Hrs **Conjugal bliss: CLINICO PATHOLOGICAL CORRELATION (CPC)**

Moderator: M D Nair

Experts: Lakshmi Narasimhan, Anita Mahadevan

1400 - 1500 Hrs

LUNCH BREAK

1500 - 1700 Hrs **STAR WARZ: QUIZ FINALE**
QUIZ for Young Neurologists, Neurosurgeons &
Students - Exciting Prizes"

Quiz Masters: Hrishikesh Kumar, Paritosh Pandey

Hall - B (Neurosurgery - Spine)

Time	Agenda	Speakers
0800 - 0900 Hrs	Session: YOUNG MALE WITH CERVICAL RADIOCULOPATHY - "THE BIG BANG DISC" Chairpersons - Satnam Chabra, Ravi Thakkar, M S Gill, Nitin Kandali	
	Endoscopic Discectomy	Arun Bhanot
	Posterior Foraminotomy	Kartik Kailash
	ACDFH	H S Bhatoe
	Artificial Disc replacement	S S Kale
	ACDF VS ADR VS MIS VS Post foraminotomy: current state of evidence	G Balamurali
0900 - 1030 Hrs	Session: CROSSFIRE DEBATES THE NEVER-ENDING DEBATE - "VIKINGS" Chairpersons - Audumbar S Netalkar, Sandeep Sonone, Pankaj Gupta, Kamal Verma	
	Cervical spondylotic myelopathy - Anterior approach	Vedantam Rajshekhar
	Cervical spondylotic myelopathy - Posterior approach	Nupur Pruthi
	Cervical spondylotic myelopathy - Laminectomy and fusion	Deepak Agrawal
	Cervical spondylotic myelopathy - Laminoplasty	Nupur Pruthi
	ACM with syrinx - Decompression	Pravin Salunke
	ACM with syrinx - C1-C2 fixation	Abhidha Shah
1020 - 1150 Hrs	Session: LIVE WIRE - "GAME OF PROS" Chairpersons - Arvind Jayaswal, Anil Jain, Sandeep Vaishya, Pankaj kandwal, Hitesh Garg	
1020 - 1030 Hrs	What should be our priority? Preserving motion or achieving a simple stabilization	Shankar Acharya
1030 - 1040 Hrs	Degenerative adult deformity: when should it be operated?	Bhavuk Garg
1040 - 1050 Hrs	The Osteotomies in AIS -When, Where, How? VCR/PSO	
1050 - 1105 Hrs	Controversies in MIS in AIS: what to do and when not to do?	Jorg Franke (Germany)
1105 - 1115 Hrs	HARMONY- Avoidance of PJK	Rishi Kanna
1115 - 1125 Hrs	Syringomyelia DeMystified	J Parthiban
1125 - 1135 Hrs	Near Miss in spine surgery (complications)	Ram Chaddha
1135 - 1150 Hrs	Rise Of Machine: Robotic Augmented Spine Surgery - Fact, Fiction, Future	H S Chhabra
1150 - 1230 Hrs	Session: PYOGENIC SPONDYLODISCITIS - "HAUNTING OF MICROBES" Chairpersons - Manoj Sharma, Neha Gupta, Ashish Gupta, Sandeep Sorte	
1150 - 1200 Hrs	MIS/FORAMINOSCOPY	Sura Sukumar
1200 - 1210 Hrs	Open Surgery	Subir M Jhaveri
1210 - 1220 Hrs	State of Evidence in Potts Spine	Rajeev Soman
1220 - 1230 Hrs	Infection with Instability" Double Trouble: current state of evidence	Bharat Dhawe



1230 - 1300 Hrs **Session: SPINE ONCOLOGY**
Chairpersons - Subodh Jain, K K Bansal, Sachin Adhikari, Rahul Gupta

1230 - 1240 Hrs	Sacral chordoma	G Balamurali
1240 - 1250 Hrs	Spinal GCTs: An enigma - Management of virgin & recurrent spinal GCTs	Sajesh Menon
1250 - 1300 Hrs	Spinal metastases: what is current? Operate or conserve?	Sachin Borkar

1300 - 1320 Hrs **Ethical Issues in Medical Practice** Girish Tyagi

1320 - 1330 Hrs **Q & A**

1330 - 1400 Hrs LUNCH BREAK

1400 - 1500 Hrs **Session: DEGENERATIVE SPONDYLOLISTHESIS - "DEAR SANE PEOPLE – CROSS FIRE DEBATE"**
Chairpersons - Niraj Vasavada, Sandeep Vaishya, Somil Kansal, Anil Kansal

Decompression only	Nitin Garg
Fusion	Rajkumar Deshpande
TLIF: Most Effective and Versatile MIS Technique	Alok Ranjan
OLIF: Anterolateral is the Holy Grail of MIS Techniques Balancing all Current state of evidence for degenerative spondylolisthesis	Amit Jhala Umesh Srikanth

1500 - 1540 Hrs **Session: REVISION SESSION - "FREAKS & GEEKS"**
Chairpersons - M S Gill, Pankaj Trivedi, S N Sinha, Raman Dang

1500 - 1510 Hrs	Revision surgeries in adjacent segment disease: When and how?	Ram Chaddha
1510 - 1520 Hrs	Revision for cervical pseudarthrosis	Sandip Chatterjee
1520 - 1530 Hrs	Recurrent disc	Shashank Kale
1530 - 1540 Hrs	Recurrent failed back syndrome	Bharat Dave

1540 - 1615 Hrs **Session: BURST A3 FRACTURES WITH DEFICITS - THORACOLUMBAR FRACTURES - "STABILITY HUNTER"**
Chairpersons - Sanjeev Dua, M Shridhar, R B Sharma, Yashpal Bundela

1540 - 1548 Hrs	Anterior approach	Ranjith Unnikrishnan
1548 - 1556 Hrs	Posterior approaches	
1556 - 1604 Hrs	MISS	Nitin Garg
1604 - 1615 Hrs	Pitfalls and current state of evidence of Thoraco-Lumber Trauma	Vishal Peshattiwar

1615 - 1645 Hrs **Session: OSTEOPOROSIS - "BREAKING BONES"**
Chairpersons - Gururaj S, Arun Saroha, Amir Pasha, Sanjay Gupta

1615 - 1625 Hrs	Conservative vs Intervention for Osteoporotic Vertebral Fractures	Rupinder Chahal
1625 - 1635 Hrs	Role of posterior fixation in VCF	Deepak Gupta
1635 - 1645 Hrs	Pitfalls and current state of evidence for Management of Osteoporosis	Amit Jhala

Hall - C1 (Neurosurgery - Brain)

Time	Agenda	Speakers
------	--------	----------

0900 - 1200 Hrs **HOW I DO IT - ANTERIOR**
Chairpersons - Deepak Agrawal, Alok Aggarwal, Alok Ojha, Anupam Jindal

Positioning and Frame Fixation in Cranial Surgery	K L Prasanna
Craniometric Points	Jitender Chaturvedi
FTP Decompressive Craniotomy	Amit Aggarwal
Pterional craniotomy	Manoj Phalak
Extended Pterional craniotomy	
Clinoidal Drilling	
Bifrontal for ACF base repair.	Devendra Purohit
Atraumatic Sylvian fissure dissection	Anita Jagetia
FTOZ	Rajneesh Arora
Supraorbital/Eyebrow Craniotomy	Dhaval Shukla
Ideal Bone Flap for Traumatic Brain Injury	Shankar P Gopinath (USA)



HOW I DO IT - MIDDLE

Conventional Subtemporal
Petrosectomy

Manas Panigrahi

HOW I DO IT - POSTERIOR

Midline Suboccipital
RMSOC

Ajay Choudhary
Shivshankar Marjakke

1200 - 1400 Hrs

SPINAL INSTRUMENTATION: SEVEN STEPS SECRETS

Chairpersons - Arvind Aggarwal, Ishwar Singh, K R Shaji, Shiv Kumar

Positioning in Spine Surgery
Lateral mass screw fixation tips
Thoracic pedicle screw fixation
Free hand lumbar pedicle screw fixation
P/C Lumbar pedicle screw fixation
Sacroiliac Instrumentation
Dural repair tips and tricks

Mazda Turel
K L Prasanna
Gururaj S
Rakesh Singh
Mazda Turel
Ranjith Unnikrishnan
Sumit Pawar

1400 - 1500 Hrs

LUNCH BREAK

Hall - F
Faculty Lounge and Preview Room

Hall - G

Time	Agenda	Faculty
0800 - 1030 Hrs	EEG Workshop Moderator - Atma Ram Bansal	
	Session - 3	
	Focal spikes: Basis of polarity and localization Generalized epileptiform abnormalities EEG Demo - 3	Chathurbhuj Rathore Dinesh Nayak
	Session - 4	
	EEG in ICU and periodic discharges EEG Quiz (Exciting Prizes)	Dinesh Nayak K Radhakrishnan

Hall - H 1

1300 - 1800 Hrs	Neuro Rehabilitation Workshop for Physiotherapists	Course Director - M Supraja
1300 - 1430 Hrs	Stroke Rehabilitation – CRPS Co-ordinator - Satheesh Durairaj	
	Assessment Management Hands on Demonstration	Harpreet Singh

1430 - 1500 Hrs

LUNCH / TEA BREAK

1500 - 1630 Hrs	Chronic Neck and Back pain Co-ordinators - Amit Soni, Poonam Hooda	
	Importance of Posture Posture Analysis Gait Deviation Management Hands on Demonstration	Narkeesh Armugum
1630 - 1800 Hrs	Neurorehabilitation: Multidisciplinary team Approach Co-ordinator - Tabitha	
	Care of critically ill Importance of Positioning Multisensory Stimulation Dysphagia Assessment and Management Cognitive rehabilitation: Coma Arousal to Community Integration Nutrition in Neurological Disorder Alternative Treatment in Neurological Disorder	Jaya Wanchoo Satheesh Durairaj Mita Singhal Akanksha Gupta, Govathi Nikhila Natasha Khullar Namrita Srivastava AyurVAID



Hall - H 2

Time	Agenda	Faculty
1430 - 1800 Hrs	Electro Physiology Workshop for Technicians	Course Director - Atma Ram Bansal, Aniruddha More Experts: Prem Singh Mehra, Mukesh Sharma, Nisha Sharma, Bittoo Kaushik
1430 - 1500 Hrs	LUNCH / TEA BREAK	
1500 - 1530 Hrs	EEG & Video EEG Session	
1530 - 1600 Hrs	NCV + EEG Session	
1600 - 1630 Hrs	Evoked Potential Session	
1630 - 1700 Hrs	Intra Op Monitoring	
1700 - 1800 Hrs	Demo Session	

Hall - H (Paediatric Neurology)

Time	Agenda	Speakers
0900 - 0950 Hrs	Session - 1 Chairpersons - V B Gupta, K S Rana	Moderator - Yeeshu Singh
0900 - 0920 Hrs	Atypical Headaches in office practice- Case Vignettes	Saurabh Chopra
0920 - 0940 Hrs	Approach to child with neuromuscular weakness	R K Jain
0940 - 0950 Hrs	Q & A	
0950 - 1030 Hrs	Session - 2 Chairpersons - Sunit Singhi, Satinder Aneja	
0950 - 1010 Hrs	Approach to acute encephalitis syndrome	Pratibha Singhi
1010 - 1030 Hrs	Non- infective encephalopathies in Paediatrics	Puja Grover
1030 - 1100 Hrs	TEA BREAK	
1100 - 1150 Hrs	Session - 3 Chairpersons - Suvasini Sharma, Sheffali Gulati	
1100 - 1120 Hrs	What's new in medical care of Paediatric Epilepsy	Sandeep Patil
1120 - 1140 Hrs	What's new in surgical care of Paediatric Epilepsy	Ubaid Shah (Australia)
1140 - 1150 Hrs	Q & A	
1150 - 1245 Hrs	Session - 4 Chairpersons - Veena Kalra, Rekha Mittal	
1150 - 1210 Hrs	Cerebral Palsy mimics	Yeeshu Singh
1210 - 1230 Hrs	How to read CT/MRI Brain in office practice	Atin Kumar
1230 - 1245 Hrs	Q & A	
1245 - 1345 Hrs	Paediatrics EEG Session	Ubaid Shah (Australia), Sandeep Patil, Rafat Trivedi
1400 - 1500 Hrs	LUNCH	

For more information kindly visit:
www.worldneurosciencesummit.com

Conference Secretariat:

6th Floor, OPD, Medanta Institute of Neurosciences
Medanta The Medicity
Gurgaon, Haryana -122001
M: +91-8826325870, +91-8826035870
Email: wns.02019@gmail.com

Conference Manager:



1201, 12th Floor, New Delhi House
Barakhamba Road, New Delhi-110001

Contact Person: Vikram Sharma | **M:** +91-8826035870
T: 011-49100041, **Email:** wns.02019@gmail.com