



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

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**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

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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 (Ballroom-1) : Neurology

Time	Agenda	Speakers
1100 - 1210 Hrs	Session: NEURO OPHTHALMOLOGY: NUTS & BOLTS OF WHAT YOU NEED TO KNOW Chairpersons - Vijay Sardana, Salil Gupta, Surekha Dabla, Sushila Kataria	
1100 - 1120 Hrs	When every colour turns black: Approach to loss of vision	Nadir Bharucha
1120 - 1240 Hrs	When double spells trouble: Approach to diplopia	M Madhusudhanan
1240 - 1200 Hrs	That furtive glance of roving eye: Approach to nystagmus & eye movement disorders	V Jaya Kumar
1200 - 1210 Hrs	Q & A	
1210 - 1330 Hrs	Session: STRIKING A FINE BALANCE Chairpersons - P N Renjen, Jaideep Bansal, Neera Chaudhary, B L Kumawat	
	Sub-Session: 1	
1210 - 1230 Hrs	I become tizzy when it gets dizzy: Approach to non-vestibular vertigo	Meenakshisundaram U
1230 - 1250 Hrs	That uncoordinated feeling: Approach to ataxia	Kalyanbrata Bhattacharyya
	Sub-Session: 2	
1250 - 1315 Hrs	The hijacked throat: Approach to dysphagia	A V Srinivasan
1315 - 1330 Hrs	Q & A	
1330 - 1430 Hrs	LUNCH BREAK	
1430 - 1530 Hrs	Session: DEMYELINATING DISORDERS: WHAT WE KNOW Chairpersons - J D Mukherji, J P Agarwal (Nepal), 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 - Vaishali Suri, Ajay Garg, Rohit Bhatia
1700 - 1730 Hrs	TEA	
1930 Hrs onwards	Dinner @ Banquet Hall J W Marriott, Aerocity	

**Hall - B (Ballroom-2) : Neurosurgery - Brain**

Time	Agenda	Surgeons
0800 - 1600 Hrs	SURGICAL THEATRE": LIVE SURGERY FROM MEDANTA OR	
	Brain & Neuro Endoscopy	
	Glioma Resection with Aided Technologies (iONM, iOUSG, iMRI) Moderators - Ali Asgar Moiyadi, Karanjeet Singh Narang	Ravi Mohan Rao, 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	Anand Balasubrahmaniam, Sanjay Mongia, Ravi Verma, Anirban Deep Banerjee, Shameem Ahmed
	Petroclival Meningioma	Manas Panigrahi, Satyakam Baruah

Hall - C1 (Ballroom-3A) : Neurosurgery - Spine

Time	Agenda	Faculty
0800 - 1500 Hrs	SURGICAL THEATRE": LIVE SURGERY FROM MEDANTA OR MISS Spine	
	OLIF Moderators - Niraj Vasavada, Jayesh Sardhara	Jorg Franke (Germany), Umesh Srikantha
	Endoportals MISS (TLIF, Tubular Dissectomy) Moderators - Niraj Vasavada, Ankur Nanda, Rishabh Kedia	Rajkumar Deshpande, Alok Ranjan, Himanshu Soni, Sameep Koshti
1500 - 1900 Hrs	MASTER CLASS SESSIONS : "ESSENTIALISM IN ENDOSCOPIC SKULL BASE: PERSUIT OF LESS" (INFOGRAPHICS) Convenors - Vikram Muthusubramanian	

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. Corridor entry to Pterygopalatine fossa
10. Cover the Base

Daniel Prevedello
Daniel Prevedello
Suresh Sankhla
Suresh Sankhla
Daniel Prevedello
Nishit Shah
Daniel Prevedello
Nishit Shah
R Sahu
Nishit Shah

MASTER CLASS SESSIONS: CHALLENGES AND COMPLICATION IN SPINAL SURGERY (INFOGRAPHICS)**Convenors - Vishal Kundani**

1. Revision Disc
2. Revision TLIF
3. Saggital Balance: Do the goals always justify the means?
4. Vertebral Artery Injury during Cervical Surgery
5. Mistakes Makes Masters: Failed Back
6. Junctional Problem
7. Intramedullary Lesion
8. CSF Leak during surgery: The Good, The Bad, The Ugly
9. PJK in adult deformity - Why does it happens?
10. Complication in TLIF

Vishal Kundani
Rajkumar Deshpandey
Jorg Franke (Germany)
Ankur Nanda
Vishal Kundani
Niraj Vasavada
Alok Ranjan
Umesh Srikantha
Vishal Kundani
Deepak Bhangale

**Hall - D (Studio-4) : Stroke Workshop**

Time	Agenda	Faculty
1700 - 1830 Hrs	Stroke Workshop : Perceptorship Programme	Course Director - Vijay Sardana Moderator - Vinit Banga Experts - Arun Garg, Gaurav Goel, Rene Chapot (Germany), Anshu Mahajan
	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	

Hall - E (Studio-3) : Botulinum Toxin Workshop

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

Hall - F (Studio-2) : Faculty Lounge and Preview Room**Hall - G (Studio - 5,6 & 7 - First Floor) : Neurosurgery Workshop**

Time	Agenda
0900 - 1300 Hrs	MIDAS Rex Drill Workshop Robotic Saw Bone Workshop

1930 Hrs onwards**Dinner @ Banquet Hall J W Marriott, Aerocity****Day - 2 : 24 - August, 2019****Hall - A (Ballroom-1) : 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, N Muthukumar	
0800 -0810 Hrs	New therapies for gliomas – oncolytic virus and others – what should we be doing in India in 2019	Venkatesh Madhugiri
0810 - 0820 Hrs	Role of Ultrasound in Intracranial tumor resection	Ali Asgar Moiyadi
0820 - 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	Transsylvian 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 - 0950 Hrs **SOL PLENARY: "NOW YOU SEE ME"**
Chairpersons - M Balamurgan, Amitabh Goel, Rajiv Dua, Prem Chandra

0900 - 0915 Hrs	Incidental lesion: Can you decipher?	Vedantam Rajsekhar
0915 - 0925 Hrs	Brain metastases 2.0: Current concepts and challenges!	Ali Asgar Moiyadi
0925 - 0940 Hrs	Current Evidence & Guidelines in management of Brainstem Glioma and Pineal Tumors	Venkatesh Madhugiri
0940 - 0950 Hrs	Clinico-patho-radiological sixers	Vani Santosh

0950 - 1100 Hrs **VESTIBULAR SCHWANNOMA: "ORANGE IS NEW BLACK"**
Chairpersons - Sudhir Tyagi, L N Gupta, Sonal Gupta, Tarun Pandey

0950 - 1000Hrs	Nothing beats a great smile!! Seventh nerve preservation	Vikas Vazhayil
1000 - 1010 Hrs	Can u hear me!! Eight nerve preservation	Ari Chacko
1010 - 1020 Hrs	Disaster in VS surgery	Manmohan Singh
1020 - 1035 Hrs	Debate: SRS for sub 3 cm vestibular schwannoma - SRS	Manjul Tripathi
1035 - 1050 Hrs	Debate: Microsurgery for sub 3 cm vestibular schwannoma - Microsurgery	Manas Panigarhi
1050 - 1100 Hrs	Q & A	

1100 - 1150 Hrs **LIVE WIRE: "SERIES OF FORTUNATE EVENTS"**
Chairpersons - Anil Kansal, R B Singh, Audumbar S Netalkar, K K Sharma

1100 - 1110 Hrs	Controversies of tethered cord syndrome	Sandip Chatterjee
1110 - 1120 Hrs	Controversies for treatment of Trigeminal neuralgias	Anand Balasubrahmaniam
1120 - 1130 Hrs	Controversies in Hydrocephalus	Shibu Pillai
1130 - 1140 Hrs	Controversies in Brachial Plexus	Ketan Desai
1140 - 1150 Hrs	Controversies in CHIARI: Is chiari 1 malformation a single disease entity?	N Muthukumar

1150 - 1245 Hrs **VENTRICULAR LESIONS: "WATER ACADEMY"**
Chairpersons - N Muthukumar, A K Jain, Hemant Bhartiya, A K Srivastav

1150 - 1200 Hrs	Microscopic excision (VIDEOS)	Suresh Dugani
1200 - 1210 Hrs	Endoscope assisted resection (VIDEOS)	Awadesh Jaiswal
1210 - 1215 Hrs	Endoscopic Colloidcyst	Deepak Bhangale
1215 - 1230 Hrs	Debate: Open Microsurgery	Suresh Dugani
1230 - 1245 Hrs	Debate: Minimally access/Endoscopic	B S Sharma

1300 - 1400 Hrs **LUNCH BREAK**

1400 - 1500 Hrs **MENINGIOMAS: "SIMPLE COMPLEXIFIED"**
Chairpersons - Kamal Verma, S S Garewal, Shyam Sunder, Shameem Ahmed

1400 - 1410 Hrs	Preservation of encased nerves and vessel in Meningioma Surgery (video)	Dilip Panikar
1410 - 1420 Hrs	My most difficult Petroclival Meningioma	Manas Panigrahi
1420 - 1430 Hrs	My most difficult Clinoidal Meningiomas	Sanjay Behari
1430 - 1440 Hrs	My worst complication in meningioma surgery	Ravi Verma
1440 - 1450 Hrs	Debate for 3cms Meningioma - Radio-Surgery	Aditya Gupta
1550 - 1500 Hrs	Debate for 3cms Meningioma - Microsurgery	Dilip Panikar

1500 - 1530Hrs **GREY MATTERS: "WHEN BRAIN BURNS"**
Chairpersons - A K Banerji, V P Singh, Sanjeev Dua, P K Sachdeva

1500 - 1510 Hrs	Artificial intelligence & Robotics In Neurosurgery	Vikas Vazhayil
1510 - 1520 Hrs	Intraoperative tech in neurosurgery	Ravi Cherkuri (Australia)
1520- 1530 Hrs	Limitation of endoscopic skull base	Daniel Prevedello (USA)

**1550 - 1630 Hrs FORMIDABLE CRANIOPHARYNGIOMA PLENARY: "WILD WILD THINGS"****Chairpersons** - B A Chandramouli, V P Singh, Rahul Gupta, 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	Shibu Pillai

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

1630 - 1642 Hrs	Debate: MCA Aneurysm: For clipping	V R Roopesh Kumar
1642 - 1654 Hrs	Debate: MCA Aneurysm: For coiling	Paritosh Pandey
1700 - 1710 Hrs	Non Clippable, Non-Coilable Aneurysms	Gaurav Goel

1710 - 1750 Hrs VASCULAR VIDEOS**Chairpersons** - V P Singh, Sanjay Behari, 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	ARUBA TRIAL - how it changed the practice of AVM Surgery	Swaroop Gopal
1725 - 1730 Hrs	Clipping after Coiling	Swaroop Gopal
1730 - 1735 Hrs	My most difficult ophthalmic artery aneurysm clipping	Rajneesh Kachhara
1735 - 1740 Hrs	My most difficult BASILAR top clipping	Rajneesh Kachhara
1740 - 1745 Hrs	STA - MCA Bypass	Shashwat Mishra
1745 - 1750 Hrs	Recurrent aneurysm after endovascular coiling	Ajit Sinha

Hall - B (Ballroom-2) : Neurology

Time	Agenda	Speakers
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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 - 1145 Hrs	Hidden Jewels in timely Diagnosis of AntiNMDAR Encephalitis	Sudhir Shah
1145 - 1155 Hrs	Q & A	

1155 - 1255 Hrs Session: PEARLS OF WISDOM FROM THE MASTERS**Chairpersons** - Meena Gupta, K S Anand, Manjari Tripathi, Bhawna Sharma

1155 - 1220 Hrs	Idiopathic intracranial hypertension: Everything you need to know	Ashok Panagariya
1220 - 1245 Hrs	The Brain screams in silence: Management of refractory status epilepticus	K Radhakrishnan
1245 - 1255 Hrs	Q & A	

1255 - 1335 Hrs KEY NOTE ADDRESS

1255 - 1300 Hrs	Introduction	Ashok Panagariya
1300 - 1330 Hrs	Management of myasthenia gravis: When Drugs fatigue	B S Singhal

1330 - 1430 Hrs**LUNCH BREAK**



1430 - 1520 Hrs **Session: HEADACHE: WHAT DO WE NEED TO KNOW**
Chairpersons - C S Aggarwal, Sushil Razdan, Pushkar Gupta, Anil Motta

1430 - 1450 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, 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 - C1 (Ballroom-3A) : Neurosurgery - Spine Conclave

Time	Agenda	Speakers
0900 - 1030 Hrs	Session: "GAME OF BONES": DEFORMITY FOR NON-DEFORMITY SURGEONS Convenors - Jorg Franke (Germany), Vineesh Mathur	
	Spinal alignment - odontoid tip to coccyx: what every surgeon should know?	Jorg Franke (Germany)
	Spinal instability - what every surgeon should know?	Vishal Kundani
	When right things go wrong - case illustrations of bad sagittal balance	Rishi Kanna
	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	
	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	G Balamurli, Abhay Kumar, Umesh Srikantha
	2). Inter-laminar microscopic	Sumit Pawar
	3). Inter-laminar endoscopic	
	4). Inter-laminar tubular retractor	
	5). Transforaminal approach	
	6). Recurrent DISC Video	



1130 - 1300 Hrs **Session: "ATLAS SHRUGGED" : PANEL DISCUSSION - CV JUNCTION INSTABILITY – EVOLVING CONCEPTS**
Convenors - Sanjay Behari, Abida Shah, Vyom Bhargav, Mahesh Kuriyal

The Real Anatomy behind the Scene	Jayesh Sardhara
AAD – diagnosis and management	Sanjay Behari
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, Puneet Girdhar, Shyam Sunder

Tubular Dissectomy	Alok Ranjan
PELD	Nitin Adsul
TLIF	Subir M Jhaveri
OLIF	Niraj Vasavada
ALIF	V Anand Naik
Problems in MISS: How to overcome?	Vishal Kundani
MISS Limitation	Rajkumar Deshpande
MIS achieving lordosis	Ranjith Unnikrishnan
Sacroillac Instrumentation	Niraj Vasavada
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, Karanjeet Singh Narang

Anatomic pearls in MIS cervical spine	Sandeep Sonone
MIS Laminoforaminotomy	Umesh Srikantha
MIS Lateral screws	Umesh Srikantha
MIS Spinal Tumours	Sandeep Vaishya
CervicoThoracic junction-surgical options and decision making	Sandeep Sonone
Odontoid Fracture: Principles of Surgery	Vishal Kundani

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 Laminopediculotomy	Alok Ranjan
MIS Extraforaminal	Jorg Franke (Germany)
MIS Extended Approach	Nitin Garg
Overview	Sudhir Dubey

Hall - C2 (Ballroom-3B) : e-Poster Presentation

0900 - 1400 Hrs **e-Poster Display**

1400 - 1500 Hrs **e-Poster Presentation**

Jury - Sudhir Shah (Neurology)
Audumbar S Netalkar (Neurosurgery)



Hall - D (Studio-4) : Neuro-Simulation Workshop

Time	Agenda	Speakers
09:00 – 09:30	Registration & Tea	Rajkumar
09:30 – 10:00	Introduction to Simulation	Dr Gaurav Kakkar
10:00 – 10:30	Meeting the Mannequin	Dr Gaurav Kakkar/Dr A Yadav
10:30 – 11:00	Scenario 1 & Debrief	All Faculty
11:00- 11:15 TEA BREAK		
11:15 – 11:45	Scenario 2 & Debrief	All Faculty
11:45 – 12:15	Scenario 3 & Debrief	All Faculty
12:15 -12:45	Scenario 4 & Debrief	Jaya Wanchoo
12:45 -13:00	Summary and Close	Dr Gaurav Kakkar
1300 - 1345 Hrs LUNCH BREAK		

Hall - D (Studio-4) - Neurosurgery Workshop

Time	Agenda
1400 - 1700 Hrs	MIDAS Rex Drill Workshop Robotic Saw Bone Workshop

Hall - E (Studio-3)

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	Course Director - Vinay Goyal Moderator - Rajeev Goyal Experts - Hrishikesh Kumar, Abhishek Shrivastava, Anupam Gupta
	Blepharospasm and Hemifacial Spasm	
	Cervical Dystonia	
	Oro-Mandibular Dystonia	
	Focal Limb Dystonia	
	Headache	
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 (Studio-2) : Faculty Lounge and Preview Room

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

Time	Agenda
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0800 - 1200 Hrs	MIDAS Rex Drill Workshop Robotic Saw Bone Workshop
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Time	Agenda	Faculty
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1330 - 1400 Hrs	STAR WARZ: QUIZ PRELIMS	Quiz Master- Hrishikesh Kumar, Paritosh Pandey
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Time	Agenda	Speakers
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1630 - 2000 Hrs	EEG Workshop	Moderator - Atma Ram Bansal
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Session - 1

Normal awake EEG including HV/Photic	Atma Ram Bansal
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Normal sleep EEG	Neeraj Baheti
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EEG Demo – 1

Session - 2

Artifacts in EEG	Atampreet Singh
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Non-epileptiform EEG abnormalities	K. Radhakrishnan
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EEG Demo – 2

Medanta Neurosciences

Time	Agenda	Faculty
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0800 - 1300 Hrs	Stroke workshop : Perceptorship Programme	Moderator - Vinit Banga Experts - Arun Garg, Vijay Sardana, Gaurav Goel Anshu Mahajan
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AIS Protocol - Hospital Rounds (Emergency, Radiology, ICU, Neurology)

Visit to Neuroradiology and cath lab

Body Interact Simulation & Vote of Thanks

1930 Hrs Onwards

Cultural Evening (Concept : Vijay Sardana)
Performance by "Humsufi" (A ZEE Entertainment Initiative) & Gala Dinner

**Day - 3 : 25 - August, 2019****Hall - A (Ballroom-1) : Neurosurgery - Spine**

Time	Agenda	Speakers
0800 - 0900 Hrs	Session: YOUNG MALE WITH CERVICAL RADIOCULOPATHY - "THE BIG BANG DISC" Chairpersons - K V R Sastry, Satnam Chabra, Ravi Thakkar,	
	Endoscopic Discectomy	Arun Bhanot
	Posterior Foraminotomy	Asheesh Tandon
	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, Yash Gulati	
	Cervical spondylotic myelopathy - Anterior approach	Vedantam Rajshekhar
	Cervical spondylotic myelopathy - Posterior approach	N Muthukumar
	Cervical spondylotic myelopathy - Laminectomy and fusion	Deepak Agrawal
	ACM with syrinx - C1-C2 fixation	Abhidha Shah
	Cervical spondylotic myelopathy - Laminoplasty	Nupur Pruthi
	ACM with syrinx - Decompression	Pravin Salunke
1030 - 1145 Hrs	Session: LIVE WIRE - "GAME OF PROS" Chairpersons - Arvind Jayaswal, Anil Jain, Hitesh Garg, Pankaj Kandwal	
1030 - 1040 Hrs	HARMONY- Avoidance of PJK	Rishi Kanna
1040 - 1050 Hrs	What should be our priority? Preserving motion or achieving a simple stabilization	Shankar Acharya
1050 - 1100 Hrs	Degenerative adult deformity: when should it be operated?	Bhavuk Garg
1100 - 1110 Hrs	The Osteotomies in AIS -When, Where, How? VCR/PSO	Ranjith Unnikrishnan
1110 - 1120 Hrs	Controversies in MIS in AIS: what to do and when not to do?	Jorg Franke (Germany)
1120 - 1130 Hrs	Near Miss in spine surgery (complications)	Ram Chaddha
1130 - 1145 Hrs	Rise Of Machine: Robotic Augmented Spine Surgery - Fact, Fiction, Future	H S Chhabra
1145 - 1215 Hrs	Session: SPINE ONCOLOGY Chairpersons - K K Bansal, Sachin Adhikari, Karanjit Singh Narang, Vineesh Mathur	
1145 - 1155 Hrs	Sacral chordoma	G Balamurali
1155 - 1205 Hrs	Spinal GCTs: An enigma - Management of virgin & recurrent spinal GCTs	Sajesh Menon
1205 - 1215 Hrs	Spinal metastases: what is current? Operate or conserve?	Sachin Borkar
1215 - 1300 Hrs	Session: PYOGENIC SPONDYLODISCITIS - "HAUNTING OF MICROBES" Chairpersons - V P Singh, Rakesh Dua, Neha Gupta, Ashish Gupta	
1215 - 1225 Hrs	MIS/FORAMINOSCOPY	Arun Bhanot
1225 - 1235 Hrs	Open Surgery	Subir M Jhaveri
1235 - 1245 Hrs	State of Evidence in Potts Spine	Rajeev Soman
1245 - 1300 Hrs	Infection with Instability" Double Trouble: current state of evidence	Bharat Dhawe
1300 - 1320 Hrs	Ethical Issues in Medical Practice Chairpersons - Jai Bhagwan Bansal, Harish Gupta, Naresh Sharma	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 - Anil Kansal, Somil Kansal, K L Kalra, Anand Naik, Sanjeev Dua	
	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 - Puneet Girdhar, Sudhir Tyagi, Raman Deep Dang, Vipin Khandelwal, Karanjeet Singh Narang	
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, R B Sharma, Kali Datta Das	
1540 - 1548 Hrs	Anterior approach	Ranjith Unnikrishnan
1548 - 1556 Hrs	Posterior approaches	Kali Datta Das
1556 - 1604 Hrs	MISS	Nitin Garg
1604 - 1615 Hrs	Pitfalls and current state of evidence of Thoraco-Lumber Trauma	Gururaj S
1615 - 1645 Hrs	Session: OSTEOPOROSIS - "BREAKING BONES" Chairpersons - Gururaj S, Arun Saroha, Deepak Ratnani	
1615 - 1625 Hrs	Conservative vs Intervention for Osteoporotic Vertebral Fractures	Rupinder Chahal
1625 - 1635 Hrs	Role of posterior fixation in VCF	Gururaj S
1635 - 1645 Hrs	Pitfalls and current state of evidence for Management of Osteoporosis	Amit Jhala

Hall - B (Ballroom-2) : Neurology

Time	Agenda	Speakers
0800 - 1015 Hrs	EEG Workshop	Moderator - Atma Ram Bansal
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 - C1 (Ballroom-3A) - Neurosurgery Workshop****Time** **Agenda**0900 - 1400 Hrs **Sylvian Fissure Dissection**
MIDAS Rex Drill Workshop
Robotic Saw Bone Workshop**Hall - C2 (Ballroom-3B)****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 - 3Chathurbhuj Rathore
Dinesh Nayak**Session - 4**EEG in ICU and periodic discharges
EEG Quiz (Exciting Prizes)Dinesh Nayak
K Radhakrishnan**Hall - D (Studio-4) - Neurosurgery - Brain: Residents Corner****Time** **Agenda** **Speakers**

0900 - 1200 Hrs

HOW I DO IT - ANTERIOR**Chairpersons - Deepak Agrawal, Devendra Purohit, Anirban Deep Banerjee**Positioning and Frame Fixation in Cranial Surgery
Cranioelectric Points
FTP Decompressive Craniotomy
Pterional craniotomy
Clinoidal Drilling
Bifrontal for ACF base repair.
Atraumatic Sylvian fissure dissection
FTOZ
Supraorbital/Eyebrow Craniotomy
Ideal Bone Flap for Traumatic Brain InjuryK L Prasanna
Jitender Chaturvedi
Amit Aggarwal
Manoj Phalak
Abhijit Warade
Harsh Deora
Anita Jagetia
Rajneesh Arora
Dhaval Shukla
Shankar P Gopinath (USA)**HOW I DO IT - MIDDLE**Conventional Subtemporal
PetrosectomyRavi Shankar
Manas Panigrahi**HOW I DO IT - POSTERIOR**Midline Suboccipital
RMSOCAjay Choudhary
Shivshankar Marjakke

1200 - 1400 Hrs

SPINAL INSTRUMENTATION: SEVEN STEPS SECRETS**Chairpersons - Arvind Aggarwal, Sumit Pawar, Ankur bajaj**Positioning in Spine Surgery
Lateral mass screw fixation tips
Thoracic pedicle screw fixation
P/C Lumber pedicle screw fixation
Sacroiliac Instrumentation
Dural repair tips and tricksMazda Turel
K L Prasanna
Gururaj S
Mazda Turel
Ranjith Unnikrishnan
Sumit Pawar**1400 - 1500 Hrs****LUNCH BREAK**

**Hall - F (Studio-2) : Faculty Lounge and Preview Room****Hall - H1 (Gallery) LG Floor**

Time	Agenda	Speakers
0900 - 1345 Hrs	Paediatric Neurology Session	Moderator - Yeeshu Singh
0900 - 0950 Hrs	Session - 1 Chairpersons - V B Gupta, K S Rana	
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**

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 - H2 (Gallery) LG Floor

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

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