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MEDANTA INSTITUTE OF EDUCATION & RESEARCH

MEDANTA INSTITUTE OF NEUROSCIENCES

WORLD NEUROSCIENCES SUMMIT – III

LIFTING THE MIST: VIRTUAL TO REAL

26 – 28 AUGUST, 2022

J W Marriott, Aerocity, New Delhi, India

Delegate Brochure

www.worldneurosciencessummit.com

Invitation

Dear Colleagues, Friends and Well-wishers,

"Life finds a way". After the global upheaval caused by Covid-19 pandemic, we are slowly bouncing back to normalcy.

It gives us immense pleasure to invite you all to **3rd World Neurosciences Summit ("Lifting the Mist: Virtual to Real")** scheduled to be held from **26th – 28th August 2022, in New Delhi-NCR.**

Over the years **World Neurosciences Summit** has evolved as a preferred platform for neuroscience professionals in India, to share their experiences, update knowledge and interact with each other. We promise a very elaborate and innovative structured scientific program.

We urge you not to miss this opportunity to enjoy the brain storming scientific sessions, amazing hospitality, awe inspiring cultural nights and fine dining, the city has to offer.

Time to enroll yourself for **3rd World Neurosciences Summit,** to witness how to embark upon journey of excellence.

Naresh Trehan
Patron

Arun Garg
Organising Chairman

Sudhir Dubey
Organising Secretary

ORGANIZING COMMITTEE

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Apara Kothiala
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Ritwiz Bihari
Sohet Gogia

WINS CONVENER

Abhida Shah

Medha Vyas

Programme at a Glance

WNS- III : 26- 28 August 2022 : J W Marriott, Aerocity
Program at A Glance

	Day - 1 | Friday | 26th August 2022		Day - 2 | Saturday | 27th August 2022		Day - 3 | Sunday | 28th August 2022	
Halls Name	**Pre-Lunch Session**	**Post Lunch Session**	**Pre- Lunch Session**	**Post Lunch Session**	**Pre- Lunch Session**	**Post Lunch Session**
Ballroom - 1 (Hall - A)	**Neurology Program**		**Neurology Program & Novartis Sponsored Session (14:15 Hrs – 14:45 Hrs)**		**Neurology Program & *The star wars (finale):* 1st Dr. Ashok Panagariya memorial quiz competition (15:00 Hrs - 17:00 Hrs)**	
Ballroom - 2 (Hall - B)	**Brain Suite Program**		**Brain Suite Program**		**Brain Suite Program**	
Ballroom - 3 (Hall - C)	**Spine Conclave**		**Spine Conclave**		**Spine Conclave**	
Studio - 4 (Hall - D)		**1). Carotid Stenting Workshop (18:00 Hrs - 20:30 Hrs)**	**1) Botox workshop (Post Stroke Spasticity) (10:00 Hrs - 12:00 Hrs)**	**1). Sylvian fissure dissection workshop (15:00 Hrs - 17:00 Hrs)**	**1) Botox workshop (Movement disorder) (08:00 Hrs - 10:00 Hrs) 2). Sylvian fissure dissection workshop (11:00 Hrs - 15:00 Hrs)**	
Studio - 3 (Hall - E)			**2) Stroke workshop (08:00 Hrs - 10:00 Hrs)**		**3). Intraoperative USG Workshop (09:00 Hrs - 11:00 Hrs) 4). Sylvian fissure dissection workshop (11:00 Hrs - 15:00 Hrs)**	
Studio - 2 (Hall - F)	**Preview Room & Faculty Lounge**		**Preview Room & Faculty Lounge**		**Preview Room & Faculty Lounge**	
	Day - 1 | Friday | 26th August 2022		**Day - 2 | Saturday | 27th August 2022**		**Day - 3 | Sunday | 28th August 2022**	
Hall Name	**Pre-Lunch Session**	**Post Lunch Session**	**Pre- Lunch Session**	**Post Lunch Session**	**Pre- Lunch Session**	**Post Lunch Session**
Studio - 5, 6 & 7 (Hall - G, H & I) 1st Floor			**3) NCV and EMG workshop (08:00 Hrs - 10:00 Hrs) *The Star Wars (Prelims):* 1st Dr Ashok Panagariya memorial quiz competition (14:00 Hrs - 14:45 Hrs)**	**2). EEG workshop Part - 1 (A NESSAN initiative) (16:45 Hrs - 19:25 Hrs)**	**5). EEG workshop Part - 2 (A NESSAN initiative) (08:00 Hrs - 10:00 Hrs) 6) Neuro-radiology workshop (12:00 Hrs - 14:00 Hrs)**	**7). Dysphagia-Speech workshop (15:00 Hrs - 17:10 Hrs)**
Gallery (Hall - J) Lower Ground Floor			**4) Workshop On Executive Functioning Retraining Skill (for Psychologists) (10:00 Hrs - 12:00 Hrs)**	**3). Rehab Robotics workshop (16:45 Hrs - 19:00 Hrs)**	**Dr Nirmal Surya - Ichha Group Meeting (10:00 Hrs - 12:00 Hrs)**	**8) Technician workshop (15:00 Hrs - 17:00 Hrs)**

Neurology Workshops:
Table of content

Day 1 | Friday, 26th August 2022		
18:00 Hrs. - 20:00 Hrs.	Carotid Stenting Workshop	Hall D
Day 2 | Saturday, 27th August 2022		
8:00 Hrs. - 10:00 Hrs.	NCV and EMG workshop	Hall G, H & I
8:00 Hrs. - 10:00 Hrs.	Stroke workshop	Hall E
10:00 Hrs. - 12:00 Hrs.	Botox workshop (Post Stroke Spasticity)	Hall D
10:00 Hrs. - 12:30 Hrs.	Workshop On Executive Functioning Retraining Skill (for Psychologists)	Hall J
14:15 Hrs. - 14:45 Hrs.	Novartis Sponsored Session	Hall A
14:00 Hrs - 14:45 Hrs.	The Star Wars (Prelims): 1st Dr Ashok Panagariya memorial quiz competition	Hall G, H & I
16:45 Hrs. - 19:30 Hrs.	EEG workshop Part – 1(A NESSAN initiative)	Hall G, H & I
16:45 Hrs. - 19:00 Hrs.	Rehab Robotics workshop	Hall J
Day 3 | Sunday, 28th August 2022		
8:00 Hrs. - 10:00 Hrs.	Botox workshop (Movement Disorder)	Hall D
8:00 Hrs. - 10:00 Hrs.	EEG workshop Part - 2 (A NESSAN initiative)	Hall G, H & I
12:00 Hrs. - 14:00 Hrs.	Neuro-radiology workshop	Hall G, H & I
15:00 Hrs - 17:00 Hrs	The star wars (finale) : 1st Dr. Ashok Panagariya memorial quiz competition	Hall A
15:00 Hrs. - 17:00 Hrs.	Technician workshop Neuro-electrophysiology	Hall J
15:00 Hrs. – 17:00 Hrs.	Dysphagia - Speech workshop	Hall G, H & I

Neurology - Programme

Day 1 | Friday, 26th August 2022

Time	Topics	Speakers
Break-fast session (08:00 AM - 09:30AM)		
Registration and Tea		
Pre-lunch session (09:30 AM - 02:05 PM)		
Hall - A		
Session 1: "We've got an eye in the sky"		
Neuro-ophthalmology (09:30 AM- 10:50 AM)		
Chairpersons: C S Narayanan, Jaideep Bansal, Pawan Dhull		
09:30 AM - 09:55 AM	**Blackout:** Acute vision loss- is it eye, optic nerve or brain?	Aastha Takkar
09:55 AM - 10:20 AM	**Double Trouble:** Approach to a patient with double vision	Monika Singla
10:20 AM - 10:45 AM	**"Hey let's Dance"**: Supra-nuclear eye movement disorder with special focus to nystagmus	V Jayakumar
10:45 AM - 10:50 AM	**Discussion**	
Session 2: "Excuse me, do I know you?"		
Cognitive neurology and Neuro-degenerative disorders (10:50 AM- 12:35 PM)		
Chairpersons: Meena Gupta, Amit Sreen,B L Kumawat		
10:50 AM - 11:15 AM	**The slide downhill:** Rapidly progressive cognitive decline	Bindu Menon
11:15 AM - 11:40 AM	**Untangling it:** A simplistic case based approach to Primary dementias	Suman Kushwaha
11:40 AM - 12:05 PM	**Ladkhaarate Kadam:** Approach to ataxia	Achal Srivastava
12:05 PM - 12:30 PM	**Window of opportunity:** Possible neurodegenerative disorders - don't miss a treatable condition	Sudheeran Kannoth
12:30 PM - 12:35 PM	**Discussion**	
Session 3: When the brain screams – in silence		
Epilepsy and disorders of consciousness (12:35 PM- 02:00 PM)		
Chairpersons: Vijay Arora, Sharat Johri, Surekha Dabla		
12:35 PM - 02:00 PM	**The joker with his mask:** All fainting and falling attacks are not seizures: Seizure mimics	Manjari Tripathi

01:00 PM - 01:25 PM	**When enough is not enough:** Novel treatments for refractory and super refractory status epilepticus	Gagandeep Singh
01:25 PM - 01:50 PM	**Cancelling that Flight to hell:** Approach to a patient presenting as rapidly progressive alteration of sensorium and coma	Kurian Thomas
01:50 PM - 02:00 PM	**Discussion**	
02:00 PM - 02:45 PM	**Lunch Break - Pet Pooja : let's get that sugar spike**	
Post-lunch session (02:45 PM - 04:45 PM)		
Session 1: It's time: to wear that 'black' coat		
Medical ethics (02:45 PM - 03:15 PM)		
Chairpersons : Achal Gulati, Minu Bajpai, Virendra Yadav		
02:45 PM - 03:05 PM	How to prevent litigation	Girish Tyagi
03:05 PM - 03:15 PM	**Discussion**	
Session 2: Brain and Brawn		
Muscle and Nerve Disorder (03:15 PM- 04:15 PM)		
Chairpersons : K S Anand, Anil Mota & Kurian Thomas		
03:15 PM - 03:40 PM	**When the legs and hands go jelly:** Approach to Acute Neuro-Muscular weakness	M Madhusudanan
03:40 PM - 04:05 PM	**Melange:** Clinical spectrum of chronic immune mediated demyelinating polyneuropathy (CIMDP)	S.V. Khadilkar
04:05 PM - 04:15 PM	**Discussion**	
Session 3: The rivers run deep		
Vascular Neurology Part-1 (04:15 PM- 05:30 PM)		
Chairpersons : Arvind Sharma (Moderator), Trilochan Srivastava & A K Thacker		
04:15 PM - 04:40 PM	**Demystified:** Cerebral amyloid angiopathy: All you need to know	Vijay Kumar Javalkar
04:40 PM - 05:05 PM	**Taarikh pe Taarikh:** Recurrent stroke- management strategies	Simerpreet Singh Bal
05:05 PM - 05:20 PM	**Merrily flows the river:** Progression in flow diversion technology: More distal and less antiplatelets	Gaurav Goel
05:05 PM - 05:15 PM	Discussion	
05:15 PM- 05:30 PM	**Tea Break**	
Post - tea session (06:00 PM - 07:50 PM)		
Hall - D : Carotid Stenting Workshop		
Course Director: Gaurav Goel **Experts:** Anshu Mahajan		
06:00 PM - 06:05PM	Welcome Note	Gaurav Goel
06:05 PM - 06:30 PM	Carotid disease & management: An Overview	Anshu Mahajan
06:30 PM - 06:40 PM	Q&A	

06:40 PM - 07:05 PM	Patient selection: CAS (Pre, Intra and post procedure care)	Anshu Mahajan
07:05 PM - 07:30 PM	Patient selection: CAS (Pre, Intra and post procedure care)	Gaurav Goel
07:30 PM - 07:45 PM	Groin management & benefits with vessel closure	Gaurav Goel
07:45 PM- 07:50 PM	Q&A	
08:00 PM Onwards	**All work no play makes us dull boyz and gals - Cultural program (stand up comedy show By Gaurav Gupta) and dinner**	

Day - 2 | Saturday, 27th August 2022

Break-fast session (08:00 AM - 10:00 AM)		
Hall - G,H & I: Wizardry with the Circuitry: Let the sparks fly NCV and EMG workshop		
Course Director: K A Mansukhani **Experts:** Alika Sharma & Lajita Balakrishnan **Moderator:** Manvir Bhatia		
08:00 AM - 08:20 AM	Electro-diagnosis of Motor neuron disease	K A Mansukhani
08:20 AM - 08:40 AM	Electro-diagnosis of hyper-excitable peripheral nerve disorder	Alika Sharma
08:40 AM - 09:00 AM	Electro-diagnosis of inherited peripheral neuropathies	Lajita Balakrishnan
	Demonstrations:	
09:00 AM - 09:20 AM	Short segment study- Ulnar nerve sensory and motor	Lajita Balakrishnan
09:20 AM - 09:40 AM	Sensitive tests in Carpel tunnel syndrome	Alika Sharma
09:40 AM - 10:00 AM	Blink reflex	K A Mansukhani
Hall - E : The complete package Stroke workshop		
Course Director: P.N.Renjen **Experts:** Puneet Agarwal, Neeraj Bhutani & Gaurav Goel **Moderator**: Anshu Mahajan		
08:00 AM - 08:10 AM	Introduction to course	P N Renjen
08:10 AM - 08:20 AM	Recognising acute stroke	P N Renjen
08:20 AM - 08:30 AM	Pre-thrombolysis workup	Neeraj Bhutani
08:30 AM - 08:40 AM	Reading CT/MRI images (ASPECTS score)	Anshu Mahajan
08:40 AM - 08:55 AM	IVT/ Bridging therapy	Puneet Agarwal
08:55 AM - 09:05 AM	Identifying patients for Mechanical thrombectomy	P N Renjen
09:05 AM - 09:20 AM	Mechanical thrombectomy	Gaurav Goel
09:20 AM - 09:30 AM	Post IVT monitoring	Puneet Agarwal
09:30 AM - 09:40 AM	Discharge advice	Neeraj Bhutani
09:40 AM - 09:55 AM	**Q & A**	
09:55 AM - 10:00 AM	Concluding remarks	P N Renjen

Pre-lunch session (10:00 AM-02:00 PM)		
Hall - A		
Session 1: Friends, Romans, countrymen lend me your ears		
Neuro-otology (10:00 AM - 10:55 AM)		
Chairpersons: Sushil Razdan, Dinesh Udainiya & Mukesh Mehra		
10:00 AM - 10:25 AM	**Simplicity is the key:** A simplified approach to the dizzy patient	Sudhir Kothari
10:25 AM - 10:50 AM	**My move**: Manoeuvres to treat different types of BPPV	Anirban Biswas
10:50 AM - 10:55 AM	**Discussion**	
Session 2: That peeling feeling		
Demyelinating disorders (10:55 AM - 12:15 PM)		
Chairpersons: C S Agrawal, Anjani Sharma & Atul Prasad		
10:55 AM - 11:20 AM	**NMO and MOG spectrum disorder**– A case based approach	Dheeraj Khurana
11:20 AM - 11:45 AM	**Strike the iron while it's hot**: Multiple sclerosis- How to define treatment failure and how to timely switch to high efficacy DMT	Ravi Anadure
11:45 AM - 12:10 PM	**Jumping into the "pool of controversy":** COVID, COVID vaccine and Neurological disorder	P Satishchandra
12:10 PM - 12:15 PM	**Discussion**	
Session 3: The guns are out		
DEBATE - Demyelinating disorders (12:15 PM - 01:00 PM)		
Panelist: J D Mukerjee (Moderator), Dheeraj Khurana & Anshu Rohatgi		
12:15 PM - 12:45 PM	Definitive therapy is superior to Infinite therapy in management of multiple sclerosis	**For:** Thomas Mathew 10 minutes + 5 minutes **Against:** Rohit Bhatia 15 minutes
12:45 PM - 01:00 PM	**Panel Discussion**	
Session 4: The microscopic perspectives		
Clinico-pathological case (01:00 PM - 02:00 PM)		
Moderators: M Madhusudhanan & Vijay Sardana		
01:00 PM - 01:30 PM	Clinical case	Lakshmi Narasimhan
01:30 PM - 01:50 PM	Pathological correlation	Megha Uppin
01:50 PM - 02:00 PM	**Discussion**	
Hall - D: Beyond Smoothening Those Ridges Botox workshop (Post Stroke Spasticity)		
Course Director: Abhishek Srivastava **Experts:** Nirmal Surya, Hrishikesh Kumar & Niraj Kumar **Moderator:** Rajeev Goyal		
10:00 AM - 10:20 PM	Introduction	Abhishek Srivastava

10:00 AM - 10:20 PM	Introduction	Abhishek Srivastava
11:20 AM - 11:05 AM	**Upper limb**	
	Table 1	Abhishek Srivastava / Hrishikesh Kumar
	Table 2	Nirmal Surya/ NIraj Kumar
11:05 AM - 11:50 AM	**Lower Limb**	
	Table 1	Abhishek Srivastava / Hrishikesh Kumar
	Table 2	Nirmal Surya/ NIraj Kumar
11:50 AM - 12:00 PM	**Take Home**	
Hall - J : Workshop On Executive Functioning Retraining Skill (for Psychologists)		
Course Director: Natasha Kumar **Experts: Saurabh Mehrotra, Rajita Sinha**		
10:00 Am-10:05 AM	Introduction	Natasha Kumar
10:05 AM-10:30 AM	Prevalence and Presentation of Executive Function in Neurological Functions	Saurabh Mehrotra
10:30 AM - 11:00 AM	Assessment of Executive Functioning	Natasha Kumar
11:00 AM -11:15 AM	SNACK BREAK	
11:30 AM – 12:20 PM	Treatment and Management of Executive Dysfunction (Virtual)	Rajita Sinha
12:20 PM – 12:30 PM	Take Home	Natasha Kumar
02:00 PM - 02:45 PM	**Lunch Break - Pet Pooja: it's time for a glucose surge**	
Novartis Sponsored Session (02:15 PM - 02:45 PM) - Hall A		
02:15 PM – 02:45 PM	**The big B:** Role of B cells in treatment of MS - Experience with high efficacy treatments	Anshu Rohtagi
Hall - G, H & I		
02:00 PM - 02:45 PM	**The Star Wars (Prelims): 1st Dr Ashok Panagariya memorial quiz competition** **Quiz Masters-** Hrishikesh Kumar & Paritosh Pandey	
Post lunch Session 2:45 PM- 4:45 PM		
Hall - A		
Session 1: The rivers run deep		
Vascular neurology Part-2		
Chairpersons: Rajiv Anand, Bhawna Sharma & Pushkar Gupta		
02:45 PM - 03:10 PM	**Keeping it simple**: Practical approach to young stroke	Subhash Kaul
03:10 PM - 03:35 PM	**Catching the bull by the horns:** IVT Beyond guidelines- Challenging Cases	Jayanta Roy
03:35 PM - 04:00 PM	**Guiding light: Direct** Oral anticoagulants in stroke with lone AF- Practical guidelines	Vinit Suri
04:00 PM - 04:25 PM	**The future is now:** Stroke Rehab- Would Technology be the new saviour?	Nirmal Surya
04:25 PM - 04:30 PM	Discussion: The Verbal slugfest	
04:30 PM- 04:45 PM	**Tea Break**	

Post- tea session (04:45 PM - 07:00 PM)		
Hall - J: Getting back on feet Rehab Robotics workshop		
Chairperson: Shivlal Yadav **Course Director:** Abhishek Srivastava **Experts:** Nirmal Surya, M V Padma, Anupam Gupta		
04:45 PM - 04:50 PM	Introduction	Shivlal Yadav
04:50 PM - 05:20 PM	Upper limb Robotics: Concepts and Types	Nirmal Surya
05:20 PM - 05:50 PM	Upper limb robotics: Low cost models	M V Padma
05:50 PM - 06:20 PM	Lower Limb Robotics: Concepts and Types	Abhishek Srivastava
06:20 PM - 06:50 PM	Lower limb Robotics: Low cost Models	Anupam Gupta
06:50 PM - 07:00 PM	Take Home	Shivlal Yadav
Hall - G, H & I : Crests and troughs EEG workshop Part - 1 (A NESSAN initiative)		
Course Directors: K Radhakrishnan & JMK Murthy **Experts:** Dinesh Nayak, Chaturbhuj Rathore, Neeraj Baheti, Ramesh Konanki & Atampreet Singh **Moderator:** Atma Ram Bansal		
04:45 PM - 05:05 PM	Normal awake EEG including HV/Photic	
05:05 PM - 05:40 PM	Normal sleep EEG	
05:40 PM - 06:15 PM	Activation procedures	
06:15 PM - 06:50 PM	EEG artefacts	
06:50 PM - 07:25 PM	Non-epileptiform EEG abnormalities	
08:00 PM Onwards	**Cultural program and dinner**	

Day - 3 | Sunday, 28th August 2022

Break-fast session (08:00 -10:00 AM)	
Hall - D : I've got the moves baby you've got the motion Botox workshop (Movement disorder)	
Course Director: Hrishikesh Kumar **Experts:** Prashanth LK & Ravi Yadav **Moderator:** Rajeev Goyal	
08:00 AM - 08:20 AM	Cervical dystonia
08:20 AM - 08:40 AM	Blepharospasm
08:40 AM - 09:00 AM	Hemifacial spasm
09:00 AM - 09:20 AM	Oromandibular dystonia
09:20 AM - 09:40 AM	Focal limb dystonia
09:40 AM - 10:00 AM	Chronic Migraine and other interesting cases
Hall - G, H & I : Crests and troughs EEG workshop Part - 2 (A NESSAN initiative)	
Course Directors: K Radhakrishnan & JMK Murthy **Experts:** Dinesh Nayak, Chaturbhuj Rathore, Neeraj Baheti, Ramesh Konarki & Atampreet Singh **Moderator:** Atma Ram Bansal	
08:00 AM - 08:25 AM	Interictal epileptiform discharges
08:25 AM - 08:50 AM	Focal spikes- basis of polarity and localization

08:50 AM - 09:15 AM	Generalised epileptiform abnormalities	
09:15 AM - 09:40 AM	EEG in ICU	
09:40 AM - 10:00 AM	Pediatric EEG	
Pre-lunch session (09:30 AM - 02:00 PM)		
Hall A		
Session 1: Hammers and Tongs		
Headache and related disorders (09:30 AM – 10:55 AM)		
Chairpersons: Sanjay Saxena, Sunit Shah & R K Surekha		
09:30 AM - 09:55 AM	**We'll overcome :** Chronic migraine- treatment challenges and advances	Ashish Duggal
09:55 AM - 10:20 AM	**The great masquerader**: Primary CNS angiitis	M V Padma
10:20 AM - 10:45 AM	**Uprooting it:** Management of chronic meningitis- TB and beyond	Manish Modi
10:45 AM - 10:55 AM	**Discussion**	
Session 2: Movement disorder Interactive video session (10:55 AM- 11:45 AM)		
Panelists : Kalyanbrata Bhattacharya & Neera Chaudhary **Moderator:** Hrishikesh Kumar		
10:55 AM - 11:10 AM	Video 1 (Oro-mandibular dyskinesia like presentation)	Roopa Rajan
11:10 AM - 11:20 AM	**Panel Discussion**	
11:20 AM - 11:35 AM	Video 2 (Paroxysmal dyskinesia like presentation)	Ravi Yadav
11:35 AM - 11:45 AM	**Panel Discussion**	
Session 3: When Motion shows wrong emotion		
Movement disorder (11:45 AM - 01:15 PM)		
Chairpersons: Mukul Varma, Ritwiz Bihari, R S Jain		
11:45 AM - 12:10 PM	**Let me get you hooked:** Movement disorder- interesting cases	U Meenakshi Sundaram
12:10 PM - 12:35 PM	**Here keep the tip:** Parkinson plus syndromes- tips for early diagnosis and management strategies	Hrishikesh Kumar
12:35 PM - 01:00 PM	**Hunar aur Kalaa:** Art of treating Parkinson's disease	Asha kishore
01:00 PM - 01:15 PM	**Discussion:** The Verbal slugfest	
Session 4: Movement disorder : DEBATE (01:15 PM - 02:00 PM)		
Panelists – M M Mehndiratta & R K Dhamija		
01:15 PM - 01:45 PM	DBS is superior to Apomorphine in management of PD	**For-** Charu Sankhala (10 + 5 minutes) **Against-** Prashanth L K (15 minutes)
01:45 PM - 02:00 PM	**Panel Discussion**	
12:00 PM - 02:00 PM	**Hall - G, H & I : Let's Get radioactive** Neuro-radiology workshop	
Course Director: Rajiv Gupta **Experts:** Jayesh Modi & J P Sharma **Moderator:** Sharath GG		
12:00 PM - 12:25 PM	Demyelinating disorders	
12:25 PM - 12:50 PM	Metabolic and related disorders	

12:50 PM - 01:15 PM	Epilepsy and related disorders	
01:15 PM - 01:40 PM	CNS infections	
01:40 PM - 02:00 PM	Other interesting neuro-radiological images	
02:00 PM - 03:00 PM	**Lunch Break - Pet Pooja**	
Post-lunch session (03:00 PM - 05:00 PM)		
Hall - A		
03:00 PM - 05:00 PM	**The star wars (finale) : 1st Dr Ashok Panagariya memorial quiz competition** **Quiz Masters-** Hrishikesh kumar, Paritosh Pandey **Guest of Honour-** Mrs Meena Panagariya	
Hall - J : Technician workshop Neuro-electrophysiology		
Course Director: Atma Ram Bansal **Technical Experts:** Jatin Lathiya, Seema Shahi		
03:00 PM - 03:10 PM	How to put electrodes in EEG	
03:10 PM - 03:20 PM	Various activation procedures in EEG	
03:20 PM - 03:30 PM	How to remove artifacts in EEG	
03:30 PM - 03:50 PM	Live Demo of EEG	
03:50 PM - 04:00 PM	NCV- How to prepare a patient for NCV	
04:00 PM - 04:10 PM	Various precautions while doing NCV	
04:10 PM - 04:20 PM	Proper measurments in NCV	
04:20 PM - 04:30 PM	F wave and H Wave proper methods	
04:30 PM - 05:00 PM	Live Demo	
Hall - G, H & I : Dysphagia - Speech workshop		
Course Director: Govathi Nikhila **Technical Experts:** Prasanna S. Hegde, Sonal V. Chitnis, Arya CJ, Dhruba Lahkar,Ravi Chaudhary and Sandhya Pandey		
03:00 PM - 03:10 PM	Introduction to Dysphagia & Aphasia, Dysphagia –speech clinic services at Medanta Hospital	Govathi Nikhila
03:10 PM - 03:30 PM	Assessment and Management of Dysphagia	Prasanna S. Hegde
03:30 PM - 03:50 PM	Assessment and Management of Aphasia.	Sonal V. Chitnis
03:50 PM - 04:10 PM	Neuroimaging in relation to Dysphagia.(Virtual)	Arya CJ
04:10 PM - 04:30 PM	Tracheostomy Care, Speaking value trial and Deccanulation Decision in relation with Dysphagia	Dhruba Lahkar
04:30 PM - 04:50 PM	Dysphagia Radiological Objective Evaluation – Videofluroscopy and Barium Study.	Ravi Chaudhary
04:50 PM - 05:10 PM	Diet Management in Stroke patients	Sandhya Pandey
Highlights –03:00 PM to 5:00 PM Exhibition and HANDS ON Dysphagia – Fiber optic Endoscopy swallow Evaluation Dysphagia Therapeutic Kit Exhibition Eye tracker –AAC		
Tea 05:00 PM - 06:00 PM		

Neurosurgery Programme - Brain

Day 1 | Friday, 26th August 2022 : Neurosurgery		
Live Surgery - Session (08:00 Hrs. - 13:00 Hrs.)		
Surgical Theatre - Brain Suite :Live Surgery From Medanta		
	Tentative Plan Surgery	**Surgeons**
Hall Moderator - Suresh Nair, Suresh Sankhala, Girish Menon, Shibhu Pillai, Vikas Vanzyal, Rajneesh Arora, Ravi Thakkar		
1	Endoscopic Transphonidal Excision of sellar suprasellar lesion	Roman Bosjnak / Paresh Naik
2	Glioma Resection with Aided Technologies (iONM, iOUSG, Imri, Parcellation)	Ali Asgar
3	Vestibular Schwanoma	Tetsuro Sameshima
4	Giant Multicompartmental anterior Skull base Lesion	Ali Asgar / Vikas Vanzyal
5	Transglabellar approch for ant skull base Meningioma	Ravi Verma/Sudhir Dubey
13:00 Hrs. - 13:50 Hrs.	**Lunch Break**	
Post Lunch Session (14:00 Hrs. - 17:30 Hrs.)		
Infographics:Masterclass in Skull Base Part- 1		
Time	**Topics**	**Speakers**
Chairperson:- Ajay Chaudhari,Girish Menon,Vikas Vanzhyal,Ravi Thakkar		
14:00 Hrs. - 14:15 Hrs.	Arteries of the Skull base	Victor Hugo
14:15 Hrs. - 14:30 Hrs.	The Workhorse- FTOZ	T Sameshima
14:30 Hrs. - 14:45 Hrs.	Pearls and tenets of the Anterior petrosectomy	Ashish Suri
Medical Ethics - Hall - A (14:45 Hrs. - 15:15 Hrs.)		
Infographics: Masterclass in Skull Base Part- 2 (15:15 Hrs. - 16:45 Hrs.) (15 Min.)		
Chairperson: Ravi verma, Dhawal Shukla, Sujoy Sanyal, Rajneesh Arora		
15:15 Hrs. - 15:30 Hrs.	Pearls and tenets of the posterior petrosectomy	Testuro Sameshima
15:45 Hrs. - 16:00 Hrs.	Anterior Skull Base Meningiomas- Endonasal approaches	Suresh Sankala
16:00 Hrs. - 16:15 Hrs.	Craniopharygiomas - Pterional Approaches	Girish Menon
16:15 Hrs. - 16:30 Hrs.	Craniopharygiomas - Endonasal Approaches	C Deopujari
16:30 Hrs. - 16:45 Hrs.	Endoscopic Clival Approches	Roman Bosjnak
Infographics: Masterclass in Skull Base Part- 3 (16:45 Hrs. - 17:50 Hrs.) (10 Min.)		
Chairperson: B chandramouli,Satanam Chabra,Subodh Raju, Dattaraj Sawarkar		
16:45 Hrs. - 16:55Hrs.	Endoscopic Approach to Meckel cave (video)	Roman Bosjnak
16:55 Hrs. - 17:05 Hrs.	Endoscopic pterygopalatine approaches	Paresh Naik

17:05 Hrs. - 17:15 Hrs.	Endonasal Cavernous Sinus Exploration in Pitutary Tumours	S S Dhandapani
17:15 Hrs. - 17:25Hrs.	Endoscopic Transpterygoid Approches	Prakash Nair
17:25 Hrs. - 17:35 Hrs.	Endoscopic Reconstrctive ladder	Paresh Naik
17:35 Hrs. - 17:50 Hrs.	Posteolateral Far lateral Approach	Kiran Mari
Session (18:00 Hrs. - 18:40 Hrs.)		
Chairperson:- Keki Turel, Asish Suri , C Deopujari, Asra Fauji		
18:00 Hrs. - 18:06 Hrs.	My worst Skullbase complication	Roopesh V
18:06 Hrs. - 18:14 Hrs.	My worst Skull base Nightmare!! Endoscopic CSF Rhinorrhoea	Prakash Nair
18:14 Hrs. - 18:22 Hrs.	My Most Difficult Skull base Tumour	Tetsuro Sameshima
18:22 Hrs. - 18:30 Hrs.	My worst catastrophic skull base complication .that teach me!	Suresh Nair
18:30 Hrs. - 18:40 Hrs.	Being Aware! Situational Awareness and Quality Assurance in Neurosurgery.	keki Turel
Day 2 | Saturday, 27th August 2022 : Neurosurgery		
Glioma Suites (08:10 Hrs. - 09:45 Hrs.)		
Chairperson:- Anand Balsubamniam, Tejinder Katariya, Michael Sughrue, Mahesh Kuriyal		
08:10 Hrs. - 08:20 Hrs.	Pre-operative advanced mapping and tracking	Anand balasubramanian
08:20 Hrs. - 08:35 Hrs.	Functional cortical parcellation and connectomes	Michael Sughrue
08:35 Hrs. - 08:45 Hrs.	Genetic Signature of Gliomas	Vineet Datta
08:45 Hrs. - 08:55Hrs.	Intraoperative Flurorescnece	M Balamurgan
08:55 Hrs. - 09:05 Hrs.	Intraoperative Tools (USG/IONM/MRI/Navigation)	Aliasgar Moiyadi
09:05 Hrs. - 09:15 Hrs.	Surgery of tumours of Supplementry Motor Area with Tractography	Abidha Shah
09:15 Hrs. - 09:25 Hrs.	Chiasmal hypothalamic gliomas	Girish Menon
09:25 Hrs. - 09:35 Hrs.	Pediatrics Ependymomal Tumours	Shibhu Pillai
09:35 Hrs. - 09:45 Hrs	Immunotherapy In Gliomas	Shaina Goel
Skull base Suites (09:45 Hrs. - 11:55 Hrs.)		
Chairperson:- Thimapa Hegade, Anil Kansal, Vikas Gupta, Victor Hugo		
09:45 Hrs. - 10:00 Hrs.	Nothing beats a great smile and Hearing!! Nerve preservation in VS	Testuro Sameshima
10:00 Hrs. - 10:15 Hrs.	Misadventure disaster in VS surgery	Suresh Nair
10:15 Hrs. - 10:30 Hrs.	Paradigm Shift with ICON GKRS for Skull base lesions	Vikas V
10:30 Hrs. - 10:45 Hrs.	Lighting-up the no-man's land on the Brain Stem	Sandeep Chatterjee
10:45 Hrs. - 11:00Hrs.	Approaching the "Principal seat of the Soul! Contraversies to Consensus	Manas Panigrahi
11:00 Hrs. - 11:15 Hrs.	Petroclival Meningioma:Still a neurosurgical enigma and what have we learned	Testuro Sameshima
11:25 Hrs. - 11:35 Hrs.	Endoscopic ICA inury management	Roman B

11:35 Hrs. - 11:45 Hrs.	Surgery for Sphenooprbital Meiningioma	Rajneesh Kachara
11:45 Hrs. - 11:55 Hrs.	Radiofrequecy ablation alliveating Pain	B Chandramouli
Grey zone Session (11:55 Hrs - 12:55 Hrs.)		
Chairperson:- B K Misra, V S Mehta, K E Turel,Suresh Nair		
11:55 Hrs. - 12:10 Hrs.	Life is a Gift!!	T hegde
12:10 Hrs. - 12:25 Hrs.	The day everything broke loose	K E Turel
12:25 Hrs. - 12:40 Hrs.	Leadership in Neurosurgery- lessons from 4 continents	Ravi Cherkuri/ V S Mehta
12:40 Hrs. - 12:55 Hrs.	How to add zing to Indian Neurosurgery	Ravi Cherkuri/ V S Mehta
13:00 Hrs. - 14:00	**Lunch Break - Pet Pooja : let's get that sugar spike**	
Post Lunch Session (14:00 Hrs. - 15:00 Hrs.)		
Chairperson: Asha Bakshi, Vivek Tandon, Suchanda Bhattacharya, Lyence Loardes		
14:00 Hrs. - 14:10 Hrs.	Supplementary skill mandated-Beyound Neurosurgical Training	Subodh Raju
14:10 Hrs. - 14:20 Hrs.	Robotic & Artificial Intelligence In Neurosurgery	Vikas V
14:20 Hrs. - 1430 Hrs.	Demstifying Syringomyelia	Abidha Shah
14:30 Hrs. - 14:40 Hrs.	Dilemmas in Parasggital Meningioma	Sharon Theophilus
14:50 Hrs. - 15:00 Hrs.	Jugalbandi of Microscope & Navigation:-methods and visualisation aspects	Savitr Sastri BV
Debate Session (15:00 Hrs. - 15:40 Hrs.)		
Moderators: Manans Panigarhi, Sandeep Chatterjee, Sanjay Gupta, Rakesh Dua		
15:00 Hrs. - 15:10 Hrs.	Trancranial approch for Giant Pitutary adenoma	Vernon Velho
15:10 Hrs. - 15:20 Hrs.	Endosopic approch for Giant Pitutary adenoma	C Devpujari
15:20 Hrs. - 15:30 Hrs.	Microscopic approch for Colloid Cyst	Ravi Verma
15:30 Hrs. - 15:40 Hrs.	Endosopic approch for Colloid Cyst	Dhawal Shukla
Functional Neurosurgery (15:40 Hrs. - 16:20 Hrs.)		
Chairperson:- Ali Asgar, Manish Vaish, Tarun Pandey, Sujoy Sanyal		
15:40 Hrs. - 15:50 Hrs.	Extratemporal Epilepsy	Manas Panigarhi
15:50 Hrs. - 16:00 Hrs.	Hemispherotomy & Newer advances	Suchanda Bhattacharya
16:00 Hrs. - 16:10 Hrs.	DBS expanded Indications	Ravi Verma
Plennary Session (16:20 Hrs. - 17:00 Hrs.)		
Chairperson: Ashessh Tandon, Arvind Aggarwal, P K Sachdeva, Col Manish Sharma		
16:20 Hrs. - 16:30 Hrs.	Endoscopic Management of Lateral Ventricular Tumours	Suresh Sankala
16:30 Hrs. - 16:40 Hrs.	Microsurgical Management of Anterior Communicating Aneurysm	Asra Al Fauji

16:40 Hrs. - 16:50 Hrs.	Dilema Decision making in Aneursm Management	Sujoy Sanyal
16:50 Hrs. - 17:00 Hrs.	AVM Resection: Decoding the math!	Sandeep Mohindra
Vascular Suite Session (17:00 Hrs. - 17:49 Hrs.) (7 Min.)		
Chairperson:- Vedantam Rajshekhar, Anshul Gupta, Sajeev Dua, Ravi Thakkar		
17:00 Hrs. - 17:07 Hrs.	Video : Sup Hypophyseal Artery Aneurysm	Aseesh Tandon
17:07 Hrs. - 17:14 Hrs.	Video: My Most Difficult Aneurysm!!	Sandeep Mohindra
17:14 Hrs. - 17:21 Hrs.	Video :Basilar top Aneurysm	Paritosh pandey
17:21 Hrs. - 17:28 Hrs.	Video :clinoidectomy for Paraclinoid Aneursm clipping	Sandeep Mohindra
17:28 Hrs. - 17:35 Hrs.	Video: Opthalmic segment Aneurysm	Rajneesh Kachara
17:35 Hrs. - 17:42 Hrs.	Video: MCA Aneurysm	Ajit Sinha
17:42 Hrs. - 17:49 Hrs.	Video: EC-IC Bypass	Shivshankar Marjakke
Hall - D		
Hands On Workshop - Sylvian Fissure Dissection (15:30 - 17:00)		
Faculty: M Balamurgan, Vivek Tandon, Shivashankar Marajakke, Sachin Giri		
15:30 Onwards	Hands on Workshop	
Day 3 | Sunday, 28th August 2022 : Neurosurgery		
Neurotrauma & PNS (08:00 Hrs. - 09:10 Hrs.)		
Chairperson:- V D Sinha, Rajneesh Arora, Jasmeet singh, Amol Deogaonkar		
08:00 Hrs. - 08:10 Hrs.	Anticoagulation/Antithrombotic theraphy in Traumatic Brain Injury	Lyence Loardes
08:10 Hrs. - 08:20 Hrs.	Post traumatic cranioplasty : Time for consensus	V D Sinha
08:20 Hrs. - 08:30 Hrs.	Gunshots Wounds of brain in military scenario	Col.Manish Sharma
08:30 Hrs. - 08:40 Hrs.	BTF Gudielines	Amit Aggarwal
08:40 Hrs. - 08:50 Hrs.	Hybrid Neurosurgery for Chr Subdural Hematoma	Ali Niyaf
08:50 Hrs. - 09:00 Hrs.	Flail arm brachial plexus injury- is the picture gloomy"	Ketan Desai
Peadiatrics Neurosurgery (09:10 Hrs. - 10:10 Hrs.)		
Chairperson:- Ishwar Singh, Mathew Abraham, Sharon T, Pradyot		
09:10 Hrs. - 09:20 Hrs.	Contraversies in Hydrocephlaus	Shibhu Pillai
09:20 Hrs. - 09:30 Hrs.	Simplifying Complex craniosynostoses-"Art,Science& the Future"	Suhas udaykumaran
09:30 Hrs. - 09:40 Hrs.	Contraversies in Teetherd cord syndrome	Vedantam Rajshekhar
09:40 Hrs. - 09:50 Hrs.	Breakthrough in medulloblastoma managemnet : can it be cured?	Manas panigrahi
09:50 Hrs. - 10:00 Hrs.	Peadiatrics Epilepsy	Suchanda Bhattachaya
10:00 Hrs. - 10:10 Hrs.	Pediatrics Ependymomal Tumours	Shibhu Pillai

Debate Session (10:10 Hrs. - 10:50 Hrs.)		
Moderators: Vikas Vanzhyl, Vikas Gupta		
10:10 Hrs. - 10:30 Hrs.	Debate Cisternostomy Vs Decompressive	**For** - Amit Aggarwal (10 Min.) **Against** - Vedantam Rajshekhar (10 Min.)
10:30 Hrs. - 10:50 Hrs.	Debate Clipping Vs Coiling for MCA Aneurysm	**For -** Paritosh Pandey (10 Min.) **Against -** Nitin Dange (10 Min.)
Plenary Session (10:50 Hrs. 11:50 Hrs.)		
Chairperson:- Bipin Walia, Ravi Verma, Raviraj Ghorpode, Amitabh Goel,		
10:50 Hrs. - 11:00 Hrs.	Cervical Intramedullary tumors and its mimicks; How to avoid Maslows Hammer?	Suresh Nair
11:00 Hrs. - 11:10 Hrs.	Radiosurgery: Teen age sex vs midlife crisis?	Manjul tripathi
11:10 Hrs. - 11:20 Hrs.	Brain metastases 2.0: Current concepts and challenges!	Anand balasubramanian
11:20 Hrs. - 11:30 Hrs.	Neurovascular conflicts	Manmohan singh
11:30 Hrs. - 11:40 Hrs.	IONM Standard of Care or Luxury?	Sandeep Chatterjee
11:40 Hrs. - 11:50 Hrs.	Complications in Neurosurgery:Ethics,Moral & Legal Implications	Keki Turel
How I Do It? Session (11:50 Hrs - 13:03 Hrs.) (7 Min.)		
Chairperson:- Animesh Upadhya, Anil Kumar Sharma, S K Singh, Sachin Giri		
11:50 Hrs. - 11:57 Hrs.	Endoscopic cysto-cystocisternostomy with Lamina termainals Fenestration	Subodh Raju
11:57 Hrs. - 12:03 Hrs.	Endoscopic Transplanum approch	Anil sharma
12:03 Hrs. - 12:10 Hrs.	Endoscopic evacuation of ICH	Dewa Putu Vishnu
12:10 Hrs. - 12:17 Hrs.	Suboccipital transtenorial	Anita Jagatia
12:17 Hrs. - 12:23 Hrs.	Extended Endonasal Transpterygoid App for Clival Chordoma	Dattaraj sawarkar
12:37 Hrs. - 12:43 Hrs.	Sterotactcic frame Fixation for DBS	Ananad Balsubraminuam
12:43 Hrs. - 12:50 Hrs.	Endosopic Transsphenoidal resection of Craniopharyngioma	Rajneesh Arora
12:50 Hrs. - 12:57 Hrs.	Presigmoid Retrolabyrinthine approach	Thinesh Kumaran
12:57 Hrs. - 13:03 Hrs.	Sylvian Fissure Dissection	Sweta Kedia
How I Do It? SessionPart - 2 (13:03 Hrs. - 13:37 Hrs.) (7 Min.)		
Chairperson:- K E Turel, Anita Jagetia, Sohet Gogia, Kivanc Yangi		
13:03 Hrs. - 13:10 Hrs.	Parieto-occipital AVM	Jitender Chaturvedi
13:10 Hrs. - 13:17 Hrs	RMSO	Kivanc Yangi
13:17 Hrs. - 13:23 Hrs.	AVM Resection	Manoj Phalak
13:30 Hrs. - 13:37 Hrs.	Krause Approach	Harsh Deora
13:17 Hrs. - 13:23 Hrs.	Giant Intracrnial tumour-can it grow bigger than this	Dipankar Mankotia

13:23 Hrs. - 13:30 Hrs.	MVD for Hemifascial spasm	Ravishankar
13:30 Hrs. - 13:37 Hrs.	Opthalmic Segment Aneurysm	Shivshankar Marjakke
13:30 Hrs. - 13:37 Hrs.	ETV	Ankur Bajaj
13:34 Hrs. - 14:15 Hrs.	**LUNCH BREAK**	
Hall - D		
Hands On Workshop - Sylvian Fissure Dissection (11:00 Hrs Onwards)		
Faculty: Gurubachan Singh, Shivashankar Marajakke, Sachin Giri		
11:00 Hrs. Onwards	Hands on Workshop	

Neurosurgery Programme - Spine

Hall - A		
Day 1 | Friday, 26th August 2022 : Neurosurgery		
Live Surgery - Session 08:00 Hrs. - 14:00 Hrs.		
Surgical Theatre - MISS Spine		
S. No.	**Tentative Plan Surgery**	**Surgeons**
Hall Moderator :- Rakesh Luhana,Ramesh Chandra, Shailesh Hadgaonkar, Niraj Vasavada,Gururaj S, Sagar Sharma, Amol Deogankar		
1	Minimal Invasive TLIF	Jorg Franke
2	OLIF	Jorg Franke/Umesh Srikantha
3	Tubular Dissectomy	Ranjith Unnikrishnaan
4	Tubular Dissectomy Extraforminal disc	Jorg Franke/Sudhir Dubey
5	Cervical Disc Replacement	Umesh Srikantha
6	Balloon Kyphoplasty	Niraj Vasavada
14:00 PM - 15:00 PM	**Lunch Break**	
Master Class Sessions: Challenges And Complication In Spinal Surgery (Infographics) (15:00 Hrs - 19:30 Hrs)		
Handling Difficult Situations in Spine Surgery Part - 1 (14:00 Hrs. - 14:50 Hrs)		
Time	**Topics**	**Speakers**
Chairpersons: Vishal Kundnani, Nupur Pruthi, Niraj Vasavda, Ayush Sharma		
14:00 Hrs. - 14:10 Hrs.	Bleeding: What went wrong?	Rajkumar Deshpandey
14:10 Hrs. - 14:20 Hrs.	Intraopertive nerve root injury lumber? What Next?	Hitesh Gurjar
14:20 Hrs. - 14:30 Hrs.	post op radiculopathy after lumbar decompression	Ankur Nanda
14:30 Hrs. - 14:40 Hrs.	Loss of MEP signal in spine sugery - What next?	Bhavuk Garg
14:40 Hrs. - 14:50 Hrs.	CSF Leak during surgery: The Good, The Bad, The Ugly	Umesh Srikantha
Medical ethics - Hall - A (14:45 Hrs. - 15:15 Hrs.)		
Handling Difficult Situations in Spine Surgery Part - 2 (15:15 Hrs. - 16:15 Hrs)		
Chairpersons: Ramesh Chandra,Rupinder chahal, Tushar Deore		
15:15 Hrs. - 15:25 Hrs.	Post-op wound CSF leak/ swelling - management	Rakesh Luhana
15:25 Hrs. - 15:35 Hrs.	Surgical site infection post spine surgery - approach what next "	Vishal Kundnani
15:35 Hrs. - 15:45 Hrs.	Pedicle screw violation detected intra-op - Salvage and options	Gururaj S
15:45 Hrs. - 15:55 Hrs.	Post-op radiculopathy/ deficit due to misplaced scew - Management	Niraj Vasavada
15:55 Hrs. - 16:05 Hrs.	Early post-op cage subsidence - Do you have to worry?	Ram Chaddha
16:05 Hrs. - 16:15 Hrs.	Saggital Balance: Do the goals always justify the means?	Amit Jhala
Revision techniques in spine surgery (16:15 Hrs. - 17:45 Hrs.)		
Chairpersons: Ankur Nanda, Vineesh Mathur,Ram Chadda, Satynaryan Murthi		
16:15 Hrs. - 16:25 Hrs.	Revision Lumbar discectomy	Arun Bhanot
16:25 Hrs. - 16:35 Hrs.	Revision decompression in lumbar spine - When? How?	Shailesh Hadgaonkar
16:35 Hrs. - 16:45 Hrs.	Revision TLIF - Tips and tricks	Jorg Franke

16:45 Hrs. - 16:55 Hrs.	Revision surgery in Kyphoscoliosis - When? How?	Abhay Nene
16:55 Hrs. - 17:05 Hrs.	Adjacent segment disease after prior Cervical fusion - management strategies	Sachin Borkar
17:05 Hrs. - 17:15 Hrs.	Adjacent segment disease after prior Lumbar fusion - management strategies	Ramesh Chandra
17:15 Hrs. - 17:25 Hrs.	Revision Fusion	Deepak Joshi
17:25 Hrs. - 17:35 Hrs.	Revision CVJ surgery for cranial settling - How?	Nupur Pruthi
17:35 Hrs. - 17:45 Hrs.	Re-tethering after prior detethering surgery - causes, prevention and management	Shibhu Pillai
Failed Spine surgery - Lying in the Trench! (17:45 Hrs. - 18:49 Hrs.) (08 Min.)		
Chairpersons: Shailesh Hadgaonkar,Pankaj Kandwal, Vishal Kundnani,Gururaj S		
17:45 Hrs. - 17:53 Hrs	Screw pullout after spondylolisthesis surgery - Ways to salvage	Satyanaryan Murthi
17:53 Hrs. - 18:01 Hrs	Post-spinal surgery arachnoiditis - The worst thing to happen?	Satish rudrappa
18:01 Hrs. - 18:09 Hrs	Persistent radicular pain after lumbar discectomy - How did that happen?!	Rupinder Chahal
18:09 Hrs. - 18:17 Hrs	Fresh and Major Deficit after deformity surgery - Can it get any worse?	Chirayu Pamecha
18:17 Hrs. - 18:25 Hrs	Wrong level surgery - Can it still happen?	Ram Chaddha
18:25 Hrs. - 18:33 Hrs	My worst complication - 1	Shankar Acharya
18:33 Hrs. - 18:41 Hrs	Patient I wish I hadn't operated - 1	Niraj Vasavada
18:41 Hrs. - 18:49 Hrs	Lessons Learnd form My patients!!	Mazda Turel
Day 2 | Saturday, 27th August 2022 : Neurosurgery		
Session: "Game Of Bones": Deformity For Non-Deformity Surgeons - The Basics (08:00 Hrs. - 10:30 Hrs.)		
Chairpersons: C S Dhillon, G sudhir, Chirayu Pamecha, Ayush Sharma		
08:00 Hrs. - 08:10 Hrs	Spinal instability – what every surgeon should know?	Pankaj Kandwal
08:10 Hrs. - 08:20 Hrs	Spinal alignment – odontoid tip to coccyx: what every surgeon should know?	Abhay Nene
08:20 Hrs. - 08:30 Hrs	Classification of spinal deformities - The basics that all Spine surgeons should know	Ranjith Unnikrishnan
08:30 Hrs. - 08:40 Hrs	Fusion levels, how to choose upper and lower ends of fusion	Ramesh Chandra
08:40 Hrs. - 08:50 Hrs	Reduction Manouvers In SCOLIOSIS Surgery- tips and tricks	Vishal Kundnani
08:50 Hrs. - 09:00 Hrs	Management of kyphotic deformities: Principles and techniques	Shailesh Hadgaonkar
09:00 Hrs. - 09:10 Hrs	Tips to reduce junctional problmes in deformity surgeries	Jorg Franke
09:10 Hrs. - 09:20 Hrs	Adult Degenrative Scoliosis - Management options	Imtiaz Ghani
09:20 Hrs. - 09:30 Hrs	Deformity Correction:Minimising complication ,Maximising Outcome	Bhavuk Garg
09:30 Hrs. - 09:40 Hrs	Neglected Scoliosis -How to Navigate	Abhishek Srivastav
09:40 Hrs. - 10:05 Hrs	Interactive Case (Panel) Discussions - AIS	
	Moderator - Vishal Kundnani Panelist - Shailesh Hadgaonkar, Bhavuk Garg, Abhay nene,Imtiaz Ghani	
10:05 Hrs. - 10:30 Hrs	Interactive Case (Panel) Discussions - ASD Adult degenerative deformity :To Decompress only or Fusion	
	Moderator - Ranjith Unnikrishnan Panel - Jorg Franke, Rajakumar Deshapnde, Niraj vasavada, Chirayu Pamecha	

Session: Live Wire - "Game Of Pros" (10:30 Hrs. - 12:30 Hrs.)		
Chairpersons: Arvind Jaiswal,Jorge Frankie, Vineesh Mathur,Satyanarayan Murthi,		
10:30 Hrs. - 10:40 Hrs	What should be our priority? Preserving motion or achieving a simple stabilization	Shailesh Hadgaonkar
10:40 Hrs. - 10:50 Hrs	Degenerative adult deformity: when should it be operated?	Chirayu Pamecha
10:50 Hrs. - 11:00 Hrs	The Osteotomies in AIS -When, Where, How? VCR/PSO	Abhay Nene
11:00 Hrs. - 11:10 Hrs	Controversies in MIS in AIS: what to do and when not to do?	Arvind Jaiswal
11:10 Hrs. - 11:20 Hrs	HARMONY- Avoidance of PJK	Abhay Nene
11:20 Hrs. - 11:30 Hrs	Principles ,Rationale& Challenges in cervical deformity correction	Bharat dave
11:30 Hrs. - 11:40Hrs.	"Lumbopelvic fixation - A Surgical armamentarium for lumbosacral instability"	G Sudhir
11:40 Hrs. - 11:50 Hrs.	PJK prevention In ASD	Imtiaz Ghani
11:50 Hrs. - 12:00 Hrs.	Near Miss in spine surergy(Complications)	Ram Chaddha
12:00 Hrs. - 12:10 Hrs.	Sex & Spine Surgey	G Sudhir
12:10Hrs. - 12:20 Hrs.	3 D dimension in Spine surgery :Moving from Carm to O arm	Arvind Bhateja
12:20Hrs. - 12:30 Hrs.	Rise Of Machine:Robotic Augmented Spine Surgery —Fact, Fiction, Future	H S Chabra
Session: Spine Oncology - Extradural (12:30 Hrs. - 13:20 Hrs.)		
Chairpersons: Bharat Dave,Sachin Borkar, Sumit Sinha,Nitin Garg		
12:30 Hrs. - 12:40 Hrs	Sacral chordoma - Management principles - Technical note on Sacrectomy	Satish Rudrappa
12:40 Hrs. - 12:50 Hrs	Spinal GCTs: An enigma - Management of virgin & recurrent spinal GCTs	Tarush Rastogi
12:50 Hrs. - 13:00 Hrs	Guidelines to choose surgical vs conservative therapy in Spinal metastases	Gautam Zaveri
13:10 Hrs. - 13:20 Hrs	En-bloc vertebrectomy - Indications, Technical note	Priyank Patel
13:20 PM - 14:00 PM	**Lunch Break**	
Spinal Tumours - Intradural (14:00 Hrs. - 14:50 Hrs.)		
Chairpersons: Rajkumar Deshpandey,Satnam Chabra, Suresh Nair, Anurag Saxena		
14:00 Hrs. - 14:10 Hrs	Giant/ Multicompartmental Schwannomas - Management options	Vernon Velho
14:10 Hrs. - 14:20 Hrs	Spinal meningioma - Excision and dural reconstruction	Sandeep Vaishya
14:20 Hrs. - 14:30 Hrs	Minimally invasive resection of spinal extramedullary tumours	S S Dhandapani
14:30 Hrs. - 14:40 Hrs	Pial hemangioblastomas - Surgical management	Sachin Borkar
14:40 Hrs. - 14:50 Hrs	Spinal Intramedullary Tumours	Nupur Pruthi
MIS Lumber Dissectomy TECH- The Platter of Plenty? (14:50 Hrs. - 15:30 Hrs.)		
Chairperson: Tarun Suri ,Vishal Peshattiwar, Sachin Borkar,Arun Bhanot,		
14:50 Hrs. - 14:58 Hrs.	Approach to disc Surgery	Nitin garg
14:58 Hrs. - 15:06 Hrs	Limited vs Aggressive Disc Surgery-Does the discussion Still Matter?	Rishi Kanna
15:06 Hrs. - 15:14 Hrs	Tubular Dissectomy	Balamurali G
15:14 Hrs. - 15:22 Hrs	TELD/IELD	Pramod Lokhande
15:22 Hrs. - 15:30 Hrs	Lumber dissectomy its my way!!	Satnam chabra

Session: Young Male With Cervical Radioculopathy - "The Big Bang Disc" (15:30 Hrs. - 16:20 Hrs.)		
Chairpersons: Bharat Dave,Puneet Rana,Ravi Srinivasan, Sumit Pawar		
15:30 Hrs. - 15:40 Hrs..	ACDF	Rajkumar Deshpandey
15:40 Hrs. - 15:50 Hrs..	Artificial Disc replacement	Tushar Deore
15:50 Hrs. - 16:00 Hrs..	Tubular Posterior cervical Foraminotomy and discectomy	sumit sinha
16:00 Hrs. - 16:10 Hrs..	Endoscopic Discectomy	Arun Bhanot
16:10 Hrs. - 16:20 Hrs..	ACDF VS ADR VS MIS VS Post foraminotomy: current state of evidence	Niraj Gupta
Minimally Invasive Lumbar Interbody Fusion techniques - The race for superiority (Technique video) (16:20 Hrs. - 16:52 Hrs.) (08 Min.)		
Chairpersons: Shankar Acharya,Deepak Joshi,Pankaj Kandwal,Asish Tomar		
16:20 Hrs. - 16:28 Hrs	MIS - TLIF - Still the gold Standard	Vishal Peshattiwar
16:28 Hrs. - 16:36 Hrs	OLIF - Is it the future?	Ramesh Chandra
16:36 Hrs. - 16:44 Hrs	ALIF - The long-term contender	Jorg Franke
16:44 Hrs. - 16:52 Hrs	Choosing the right interbody fusion technique - Difficulty simplified	Niraj vasavada
Sub-Session: Minimally Invasive Cervical Spine Surgery: Less Is More (16:52 - 17:45)		
Chairpersons: G Balamurali,Arun Saroha, Sachin Borkar, Manoj Phalak		
16:55 Hrs. - 17:05 Hrs	Dilatation technique in cervical spine - Anatomical relevance and difference as compared to Lumbar spine	Balamurali
17:05 Hrs. - 17:15 Hrs	MIS posterior cervical Laminoforaminotomy and Discectomy	Rakesh Luhana
17:15 Hrs. - 17:25 Hrs	MIS multilevel decompression for DCM	Umesh Srikantha
17:25 Hrs. - 17:35 Hrs	Approach to Cervico-thoracic Junction Pathology	Gautam Jhavri
17:35 Hrs. - 17:45 Hrs	MIS subaxial cervical spine fixation techniques	Vishal Peshattiwar
Day 3 | Sunday, 28th August 2022 : Neurosurgery		
Spinal infections: When Microbes haunt (08:00 Hrs - 09:00 Hrs.)		
Chairpersons: Jorg Franke, Imtiaz Ghani,Nitin Garg, Tarush Rastogi		
08:00 Hrs. - 08:10 Hrs	Tubercular vs Pyogenic spinal infections - Has the epidemiology / pattern changed?	Subir Zaveri
08:10 Hrs. - 08:20 Hrs	Culture negative/ Biopsy inconclusive Spondylodiscitis - What next?	Rishi Kanna
08:20 Hrs. - 08:30 Hrs	Post-operative deep surgical site infection with implants - How to manage?	Rupinder Chahal
08:30 Hrs. - 08:40 Hrs	Tuberculosis of the spine - Current status of evidence and management guidelines	Shankar Acharya
08:40 Hrs. - 08:50 Hrs	Role of Endoscopy in the management of spinal infections	Pramod Lokhande
08:50 Hrs. - 09:00 Hrs	Infection with Instability" Double Trouble: current state of evidence	C S Dhillon
Osteoporotic Compression Fractures - "Breaking Bones" (09:00 Hrs. - 10:00 Hrs.)		
Chairpersons: Niraj Gupta,Abhishesk Srivastav,Deepak Joshi,Puneet Rana		
09:00 Hrs. - 09:10 Hrs	Conservative vs intervention for OVCF - When? How?	Rajat Mahajan
09:10 Hrs. - 09:20 Hrs	Role of posterior fixation in VCF - When? How?	Ranjith Unnikrishnan

09:20 Hrs. - 09:30 Hrs	Pitfalls and current stste of evidence for mangement of osteoporosis	C S Dhillon
09:30 Hrs. - 09:40 Hrs	Kyphoplasty vs Vertebroplasty - Which is better?	Rahul Gupta
09:40 Hrs. - 09:50 Hrs	Instrumentation in osteoporotic spine - Techniques, Precautions	vishal Peshttiwar
"Atlas Shrugged" : CV Junction Instability – Evolving Concepts (10:00 Hrs. - 11:20 Hrs.)		
Chairpersons: Abidha Shah, Rakesh Luhana, Pankaj Singh,Rahul Gupta		
10:00 Hrs. - 10:10 Hrs	The Real Anatomy behind the Scene	Jayesh Sardhara
10:10 Hrs. - 10:20 Hrs	Genesis OF Instabilty in C1-c2 joint	Sumit Pawar
10:20 Hrs. - 10:30 Hrs	AAD – diagnosis and management	Nupur Pruthi
10:30 Hrs. - 10:40 Hrs	Redefining Atlanto-Axial Dislocation and Multiplanar Realignment	Pravin Salunke
10:40 Hrs. - 10:50 Hrs	ACM with AAD	Sarat Chandra
10:50 Hrs. - 11:00 Hrs	Principal surgical maneuvers	Pankaj Gupta
11:00 Hrs. - 11:10 Hrs	Cvj anomalies: Good , Bad and Ugly ..Evolution in management and current role of TOO.	Sachin Borkar
11:10 Hrs. - 11:20 Hrs	complex craniovertebral junction anomalies	Komal Prasad
Session: Crossfire Debates The Never-Ending Debate - (11:20 Hrs - 11:50 Hrs.)		
Chairpersons: Rajat Mahajan, Bipin Walia, Bharat Dave,Ravi Srinivsan		
11:20 Hrs. - 11:30 Hrs	Cervical spondylotic myelopathy - Anterior approach	Subir Jhaveri
11:30 Hrs. - 11:40 Hrs	Cervical spondylotic myelopathy - Laminectomy and fusion	sandeep vaishya
11:40 Hrs. - 11:50 Hrs	DCM - Current recommendations/ guidelines	Bharat Dave
Degenerative Spondylolisthesis - "Dear Sane People – Never Ending Debate" (11:50 Hrs. - 12:30 Hrs.)		
Chairpersons: Kamal Verma, Puneet Girdhar,Bharat Dave,		
11:50 Hrs. - 11:58 Hrs	MIS Decompression is sufficient	Rajkumar Deshpandey
11:58 Hrs. - 12:06 Hrs	TLIF: Most Effective and Versatile MIS Technique	Umesh Srikantha
12:06 Hrs. - 12:14 Hrs	OLIF: Anterolateral is the Holy Grail of MIS Techniques Balancing all	Ayush Sharma
12:22 Hrs. - 12:30 Hrs	Current state of evidence for degenerative spondylolisthesis	Ranjith Unnikrishnan
Confusions - Debate (12:35 Hrs. - 12:55 Hrs.)		
Moderators: Jayesh Sardhara		
12:35 Hrs. - 12:45 Hrs	congenital irreducible AAD with assimilated C1 arch : Occipto-cervical fixation	Deepak Singh
12:45 Hrs. - 12:55 Hrs	congenital irreducible AAD with assimilated C1 arch: c1-c2 Fusion	Pravin Salunke
13:00 - 14:00	**LUNCH BREAK**	
Spinal Instrumentation: Seven Steps Secrets (14:00 Hrs. - 15:18 Hrs.)		
Chairpersons: Puneet Girdhar, Komal Prasad,Tarush Rastogi,Anutosh Singh		
14:00 Hrs. - 14:06 Hrs	Positioning in Spine Surgery	Rakesh Dhake
14:06 Hrs. - 14:12 Hrs	Nerve root block injections	Rakesh Dhake
14:12 Hrs. - 14:18 Hrs	Free hand C1-C2 Fixation	Chinmaya Das
14:24 Hrs. - 14:30 Hrs	Endoscopic Cervical Discectomy & Foraminotomy	Jayesh Sardhara

14:24 Hrs. - 14:30 Hrs	Endoscopic Cervical Discectomy & Foraminotomy	Jayesh Sardhara
14:30 Hrs. - 14:36 Hrs	Cervical subaxial Lateral mass screw fixation	Sumit Pawar
14:36Hrs. - 14:42 Hrs	Cervical pedicle screw tecnique	Ashish Tomar
14:42 Hrs. - 14:48 Hrs	Thoracic pedicle screw fixation	Bharat Dave
14:48 Hrs. - 14:54 Hrs	Free hand Lumber pedicle screw fixation	Ashish Tomar
14:54 Hrs. - 15:00 Hrs	Percutaneous Lumber pedicle screw fixation	Tarun Suri
15:06 Hrs. - 15:12 Hrs	Sacroiliac instrumentation	Puneet Girdhar
15:06 Hrs. - 15:12 Hrs	Cervical Laminoplasty	Dewa puttu vishnu
15:12 Hrs. - 15:18 Hrs	Navigation Gudied Screws	Akshay Hari

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