



ARTEMISTM
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Artemis Agrim Institute of Neurosciences

Presents

MATS 2020

MASTERING ADVANCED TECHNOLOGIES AND SKILLS IN NEUROSURGERY



20th - 22nd February, 2020
Le Méridien, Gurugram
Delhi-NCR



Detailed Program

www.agrimneuro.com

International Faculty



Albert J. Fenoy, MD
Director, Deep Brain Stimulation
Program
The University of Texas, Houston,
USA



Pantaleo Romanelli, MD
Director For Brain Radiosurgery,
Cyberknife Center, CDI, Milan,
Italy



Parag Patil
Associate Professor of
Neurosurgery
University of Michigan,
USA



Sitnikov Andrey
Neurosurgeon at Federal Centre of
Neurosurgery,
Chief of Neurosurgical Department,
Moscow, Russia

National & SAARC Faculty

Adesh Shrivastav	<i>Bhopal</i>	Rajat Mahajan	<i>Delhi</i>
Ajay Bakshi	<i>Delhi</i>	Rajesh Chhabra	<i>Chandigarh</i>
Ajit Sinha	<i>Delhi</i>	Rajiv Jha	<i>Nepal</i>
Ankur Nanda	<i>Delhi</i>	Rajnish Arora	<i>Rishikesh</i>
Anoop Singh	<i>Azamgarh</i>	S. K. Pandya	<i>Mumbai</i>
Anusheel Munshi	<i>Delhi</i>	S. K. Singh	<i>Patna</i>
Arun Bhanot	<i>Gurugram</i>	S. S. Dhandapani	<i>Chandigarh</i>
Ashish Suri	<i>Delhi</i>	S. S. Kale	<i>Delhi</i>
Avdhesh Shukla	<i>Gwalior</i>	Sachin Borkar	<i>Delhi</i>
Avinash Sharma	<i>Gwalior</i>	Sachin Kandhari	<i>Delhi</i>
Bhavuk Garg	<i>Delhi</i>	Sandeep Mohindra	<i>Chandigarh</i>
B Mohapatra	<i>Delhi</i>	Sandeep Vaishya	<i>Gurugram</i>
B. S. Sharma	<i>Jaipur</i>	Sanjeev Srivastav	<i>Gurugram</i>
C. E. Deopujari	<i>Mumbai</i>	Satnam Chhabra	<i>Delhi</i>
Daljit Singh	<i>Delhi</i>	Shankar V.	<i>Mumbai</i>
Deepak Agarwal	<i>Delhi</i>	Sonal Gupta	<i>Delhi</i>
Deepak Anand	<i>Sri Ganganagar</i>	Sumana Arora	<i>Bengaluru</i>
Deep Kalra	<i>Gurugram</i>	Sumit Sinha	<i>Delhi</i>
Garima Singh	<i>Delhi</i>	Uday Bhaumik	<i>Udaipur</i>
G. Balamurali	<i>Chennai</i>	Umesh Srikanta	<i>Bengaluru</i>
Hrishikesh Kumar	<i>Kolkata</i>	V. Rajshekhar	<i>Vellore</i>
Krishna Kumar	<i>Thiruvananthapuram</i>	V. S. Mehta	<i>Delhi</i>
Mahesh Maheshwari	<i>Sri Ganganagar</i>	V. V. Ramesh Chandra	<i>Tirupati</i>
Maneet Gill	<i>Pune</i>	V. D. Sinha	<i>Jaipur</i>
Manish Mahajan	<i>Gurugram</i>	Vikas Naik	<i>Delhi</i>
Manjul Tripathi	<i>Chandigarh</i>	Vikas Shukla	<i>Kanpur</i>
Manmohan Singh	<i>Delhi</i>	Vinod Sharma	<i>Jaipur</i>
Milind Sankhe	<i>Mumbai</i>	V. P. Singh	<i>Gurugram</i>
Pareesh Doshi	<i>Mumbai</i>	Vishal Kundnani	<i>Mumbai</i>
Pramod Lokhande	<i>Pune</i>	Yam Roka	<i>Nepal</i>

**Incomplete list*

Organizing Committee

Chief Patrons

Mr. Onkar S. Kanwar
Dr. Devlina Chakravarty

Chairman

Dr. Aditya Gupta

Vice Chairman

Dr. S K Rajan

Co Chairs

Dr. Sumit Singh
Dr. Vipul Gupta
Dr. Saurabh Anand

Secretary

Dr. Pawan Goyal

Co Secretary

Dr. Anurag Sharma

Committee Members

Dr. Ashish Chakravarty

Dr. Raj Srinivas

Dr. Sanjeev Srivastav

Dr. Manish Mahajan

Dr. Sweetha Mohan

Dr. Nischint Jain

Dr. Rohit Kumar

Dr. Saurabh Bansal

Dr. Seema Lachala

Dr. Deepak Solanki

Dr. Utkarsh Ghavghave

Dr. Niti Kapoor

Dr. Ramandeep Kaur

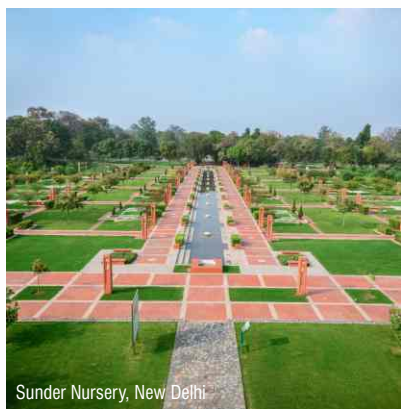
Dr. Ashish Sahoo

Dr. Ashwani Sharma

Dr. Vivek Mangal

Dr. Parul Sharma

Dr. Gopinath Rabha



Scientific Program

Day 1: 20 February 2020 (Thursday)	
Time	Topic
	Live Operative workshop (<i>Venue: Artemis Hospital, Gurgaon</i>)
1100 - 1500 hrs	Complex Spine Navigation / Endoscopy / Cyberknife / MTS / DBS Surgery (TBD) Working Lunch 1-2 pm
1500 - 1615 hrs	INAUGURAL KEYNOTE SESSIONS
1500 - 1515 hrs	Inauguration
	Welcome - <i>Aditya Gupta</i>
1515 - 1615 hrs	INAUGURAL KEYNOTE 1: "Emerging frontiers in Neurosurgery"
1515 - 1530 hrs	Emerging frontiers in Functional Neurosurgery - <i>Paresh Doshi</i>
1530 - 1545 hrs	Robotics in the Brain: Excitement around the corner - <i>Albert Fenoy</i>
1545 - 1600 hrs	Restorative Neuroengineering - <i>Parag Patil</i>
1600 - 1615 hrs	Visual Reality, Surgical Intelligence and Digital Surgery - The Future of Spine Surgery & Training - <i>G Balamurali</i>
1645 - 1730 hrs	INAUGURAL KEYNOTE 2: "Lessons from a lifetime"
1645 - 1700 hrs	Ancient Indian guidelines on medical education - <i>S. K. Pandya</i>
1705 - 1715 hrs	Technology vs Clinical Judgement - <i>V. Rajshekhar</i>
1715 - 1730 hrs	What I learnt from "My Trip" - <i>Deep Kalra</i>
1800 hrs	Vote of Thanks followed by Tea/ Coffee



Day 2: 21 February 2020 (Friday) - <i>Venue: Troy Room, Le Meridien</i>	
Time	Topic
0900 - 1045 hrs	Session 1: Endoscopy: "The Hot Favorite"
0900 - 0915 hrs	Endonasal Skullbase - Shift from Microscope to Endoscope to Extended Approaches - <i>Ashish Suri</i>
0915 - 0930 hrs	Avoiding complications in endoscopic surgery for pituitary adenomas: A beginner's perspective - <i>Pawan Goyal</i>
0930 - 0945 hrs	Skull base endoscopy: tips and tricks - <i>C. Deopujari</i>

Scientific Program

Day 2: 21 February 2020 (Friday) - Venue: Troy Room, Le Meridien

Time	Topic
0945 - 1000 hrs	Spine endoscopy caveats - Satnam Chhabra
1000 - 1015 hrs	Intraventricular Endoscopy - B. S. Sharma
1015 - 1030 hrs	Endoscopic management of hydrocephalus - Daljit Singh
1030 - 1045 hrs	Endoscopic Endonasal approach - Challenges and Management - Rajesh Chhabra
1045 - 1100 hrs	Tea / Coffee (Carry In)
1100 hrs - 12 Noon	Session 2: Video Session 1: "Rapid Fire"
1100 - 1150 hrs	Various Faculty: Pawan Goyal, Ashish Suri, C. Deopujari, Andrey Sitnikov, Raj Srinivas, Sandeep Mohindra, Krishna Kumar , other invited faculty (TBD)
12 Noon - 1300 hrs	Session 3: Technology demonstration session 1 Endoscopy / 3D printing / Neurointervention
12 Noon - 1215 hrs	Looking through the Keyhole: Neuroendoscopy - Pawan Goyal
1215 - 1245 hrs	3D printing - V. D. Sinha
1245 - 1300 hrs	Emerging technology in Neurointervention - Vipul Gupta
1300 - 1400 hrs	LUNCH
1400 - 1450 hrs	Session 4: SPINE Advanced Technologies
1400 - 1410 hrs	Epidural Stimulation for Spinal Cord Injury Patients: Promise, Limitations and Beyond - Sachin Kandhari
1410 - 1420 hrs	Robotic Spine Surgery: Why, When & How? - Ankur Nanda
1420 - 1430 hrs	Spine Navigation: Overview and Applications - S. K. Rajan
1430 - 1440 hrs	Spine Navigation: & it's role in Minimally Invasive Spine Surgery - Umesh Srikanta
1440 - 1450 hrs	Discussion
1450 - 1530 hrs	Session 5: SPINE Advanced Techniques
1450 - 1500 hrs	Posterior Approach to the CVJ: From Evolution to Future - S. K. Rajan
1500 - 1510 hrs	Anterior Approach to the CVJ: Role of Transoral Surgical Approach to the Odontoid/ CVJ: Do we still need it? - S. S. Kale
1510 - 1520 hrs	Intraoperative Neuromonitoring in Spine Surgery: Technique, Pearls and Pitfalls - Sachin Borkar

Scientific Program

Day 2: 21 February 2020 (Friday)	
Time	Topic
1520 - 1530 hrs	Discussion
1530 - 1715 hrs	Session 6: Functional Neurosurgery: “The Science and the Art”
1530 - 1545 hrs	Case Selection: - <i>Hrishikesh Kumar</i>
1545 - 1555 hrs	DBS: How Early? - <i>Sumit Singh / Manish Mahajan</i>
1555 - 1610 hrs	Procedure Overview - <i>Aditya Gupta</i>
1610 - 1625 hrs	DBS for PD: targeting - <i>Albert Fenoy</i>
1625 - 1638 hrs	DBS for Dystonia - <i>Milind Sankhe</i>
1638 - 1650 hrs	Ablative Neurosurgery for Cancer Pain - <i>Parag Patil</i>
1650 - 1705 hrs	ANT DBS - <i>Sitnikov Andrey</i>
1705 - 1715 hrs	Teamwork in DBS - <i>Sumit Singh</i>
1715 - 1730 hrs	Tea Break
1730 - 1830 hrs	Session 7: Radiosurgery Basics: “Seeing the Point”
1730 - 1745 hrs	Why radiosurgery: The Basics - <i>Aditya Gupta</i>
1745 - 1800 hrs	Radiosurgery Techniques, SRS/SRT - <i>V. Rajshekhar</i>
1800 - 1815 hrs	Radiosurgery for AVMs - <i>Manmohan Singh</i>
1815 - 1830 hrs	Radiosurgery for TN - <i>Pantaleo Romanelli</i>
1900 hrs	Dinner



Day 3: 22 February 2020 (Saturday) - Venue: Troy Room, Le Meridien	
Time	Topic
0900 - 1030 hrs	Session 1: Invited Faculty Talks: A Neurosurgical Medley
0900 - 0910 hrs	<i>Rajiv Jha</i>
0910 - 0920 hrs	<i>Uday Bhaumik</i>
0920 - 0930 hrs	<i>Sonal Gupta</i>

Scientific Program

Day 3: 22 February 2020 (Saturday) - Venue: Troy Room, Le Meridien

Time	Topic
0930 - 0940 hrs	<i>Ajit Sinha</i>
0940 - 0950 hrs	<i>Anoop Singh</i>
0950 - 1000 hrs	<i>Rajnish Arora</i>
1000 - 1010 hrs	<i>Adesh Shrivastav</i>
1010 - 1020 hrs	<i>Maneet Gill</i>
1020 - 1030 hrs	<i>Sandeep Mohindra</i>
1030 - 1115 hrs	Session 2: Technology Session 2 - FRAME / NAVIGATION
1030 - 1045 hrs	Frames - <i>Milind Sankhe</i>
1045 - 1100 hrs	Navigation - <i>Pawan Goyal</i>
1100 - 1115 hrs	Spinal Cord Stimulation - <i>Sanjeev Srivastav</i>
1115 - 1130 hrs	Tea Break
1130 - 1300 hrs	Session 3: RADIOSURGERY SYMPOSIUM: "Lets Talk it Out"
1130 - 1145 hrs	Complications in Radiosurgery - <i>V. P. Singh</i>
1145 - 1200 hrs	SRS for spine - <i>Shankar V</i>
1200 - 1300 hrs	NSI Webinar: Primary Radiosurgery in Neurosurgical Disorders
	Moderator: Aditya Gupta <i>V. Rajshekhar</i> (Acoustic) <i>Manjul Tripathi</i> (Meningiomas) <i>Aditya Gupta</i> (AVMs) <i>Anusheel Munshi</i> (Metastases) <i>Pantaleo Romanelli</i> (Functional) <i>Deepak Agarwal</i> (Pituitary)
1300 - 1400 hrs	LUNCH
1400 - 1430 hrs	Session 4: Special Lectures
1400 - 1415 hrs	Dedicated Neurocritical care: An important pillar - <i>Saurabh Anand</i>
1415 - 1425 hrs	EVD Management - Tips & Tricks - <i>Anurag Sharma</i>
1430 - 1530 hrs	Session 5: Endoscopic and Minimally Invasive Spine Surgery
1430 - 1440 hrs	Transforaminal Endoscopic Approach for Lumbar Disc Disease - <i>Arun Bhanot</i>

Scientific Program

Day 3: 22 February 2020 (Saturday)	
Time	Topic
1440 - 1450 hrs	Inter Laminar Endoscopic Approach for Lumbar Disc Herniations and Stenosis - Pramod Lokhande
1450 - 1500 hrs	MIS: Overview and Applications - S. K. Rajan
1500 - 1510 hrs	MIS for Spinal Trauma and Tumors - S. S. Dhandapani
1510 - 1520 hrs	MIS C1-C2 Transarticular Screw Fixation for Atlantoaxial Instability - Sky is the limit - Vishal Kundnani
1520 - 1530 hrs	Discussion
1530 - 1630 hrs	Session 6: Spinal fusions and Deformity Corrections
1530 - 1540 hrs	TLIF: TLIF as the workhorse for Interbody fusion: from Open to MIS - Sumit Sinha
1540 - 1550 hrs	ALIF: Case Selection, Decision Making and Complication Avoidance in ALIF & Hybrid Lumbar Spine Surgery - Vikas Naik
1550 - 1600 hrs	OLIF: Case Selection, Decision Making and Complication Avoidance - V. V. Ramesh Chandra
1600 - 1610 hrs	Kyphosis Correction: Role of various Osteotomies in Correcting Rigid Spinal Kyphosis - Bhavuk Garg
1610 - 1620 hrs	Scoliosis Correction: Decision Making in Adolescent Idiopathic Scoliosis Correction - B Mohapatra
1620 - 1630 hrs	Discussion
1630 - 1720 hrs	Session 7: Video Session 2: My most difficult cases
	Rajiv Jha, Ajit Sinha
	Yam Roka
	Ashish Suri, Albert Fenoy
	Aditya Gupta, S. K. Rajan
	Other invited Faculty (TBD)
1730 - 1800 hrs	Tea Break
1800 - 1900 hrs	Session 8: LEADERS PERSPECTIVES: "Keys to a Bright Future"
1800 - 1820 hrs	Changing Scenarios in the near future - Ajay Bakshi

Scientific Program

Day 3: 22 February 2020 (Saturday)

Time	Topic
1820 - 1840 hrs	From Microsurgery to Micro - Radiosurgery - <i>Pantaleo Romanelli</i>
1840 - 1900 hrs	Medicolegal aspects: key insights - <i>Sumana Arora</i>
1900 -1920 hrs	Building Practice in a changing environment - <i>Garima Singh</i>
1930 - 2300 hrs	Conference Closure Theme Cocktail Dinner

Day 4: 23 February 2020 (Sunday)

1000 - 1300 hrs	HERITAGE WALK IN DELHI
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Registration Details

Non Residential Package

Category	Upto 15 th January 2020	On Spot
Trainees	2500	4000
Practising Neurosurgeons	4500	6000

Residential Package

Category	Trainees (Twin sharing per person)	Practising Neurosurgeons (Single room, single occupancy)
For 2 nights	12000	20000
For 3 nights	15000	25000

Registration fee is inclusive of 18% GST.

Note: Bonafide letter attested by HOD is mandatory for all trainees to avail this scholarship.

Conference Registration includes: (Non Residential)

- Attendance to all scientific sessions
- Kit bag
- All conference meals

Conference Registration includes: Trainees (Residential)

- Attendance to all scientific sessions
- Kit bag
- All conference meals
- Accommodation at the venue on a twin sharing basis as per the package booked.
- In twin sharing residential category room sharer would be finalised by the conference secretariat.
- Rooms would be confirmed on basis of availability.

Conference Registration includes: Practising Neurosurgeons (Residential)

- Attendance to all scientific sessions
- Kit bag
- All conference meals
- Accommodation at the venue in a single room as per the package booked.
- Rooms would be confirmed on basis of availability.

Mode of payment

Cheque / DD: To be made in favour of "Artemis Medicare Services Limited" payable at HDFC Bank, Global business park branch, Gurugram, Haryana.



Registration Form

Full Name			
Institution			
Designation		Department	
Address			
City		Pin Code	
State		Country	
Mobile			
E-mail			

Non Residential Package

Category	Upto 15 th January 2020	On Spot
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Modes of Payment: Cheque / DD: To be made in favour of “**Artemis Medicare Services Limited**” payable at HDFC Bank, Global business park branch, Gurugram, Haryana.

Date & Place: _____

Signature: _____

Please mail this registration form duly filled to:

Conference Secretariat

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