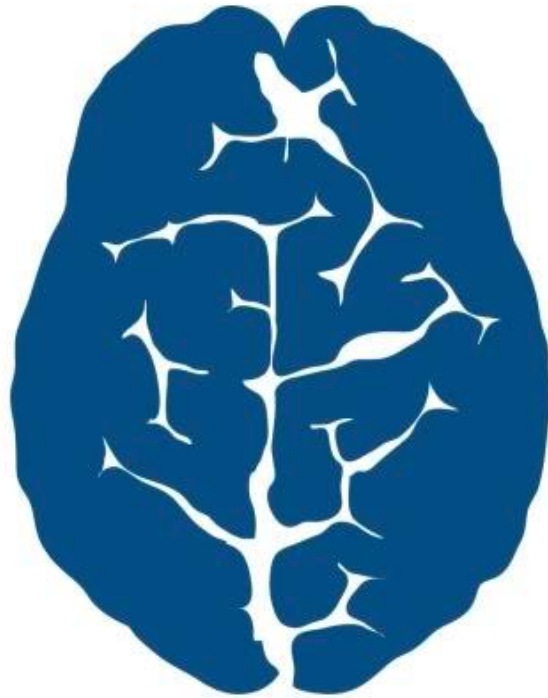


**Dandy India Chapter Educational
Course January 3rd – 5th, 2020**



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Dear Colleagues and Neurosurgeons in Training,

It gives me immense pleasure to invite you to the Fifth Walter E. Dandy Neurosurgery resident course to be held at **Kaziranga on 3rd- 5th January 2020**. Dandy Neurosurgery resident course has been developed over years, and has been tested thoroughly. In the portion of the outline listed as "How I Do It" the Chapter has invited Indian experts from all parts of the country to teach. The remainder of the course (Surgical Anatomy) would be taught by Distinguished Faculty from the Dandy Team including Prof. Saleem I. Abdulrauf, MD, FACS Professor & Chairman.

Image guided Neurosurgery, Robotics, Brain Mapping and Advanced Neurophysiological Monitoring is transforming the way Neurosurgery is practicing world wide. The 5th Walter E. Dandy Neurosurgery course is being held in collaboration with International Society for Brain Mapping & Therapeutics.



Chairman:

Prof. Siddhartha Ghosh (Director of Neurosciences at the Apollo Speciality Hospitals, Chennai)

Indian Ambassadors to the Dandy Assembly:

Prof. Sanjay Behari (SGPGI Lucknow)
Prof. AK Singh (Deharadun)

Secretary:

Prof. Atul Goel (Head of KEM Hospital Parel, Mumbai)

Treasurer:

Prof. Sandip Chatterjee (Park Clinic, Kolkata)



Dear colleagues,

Please join us and encourage your residents to participate in this international educational initiative. The Dandy Society also invites you to become members of this fastest growing global neurosurgical society. The course fee and the hospitality during the event is supported by Grants and is not charged. The first Dandy India Course held at Temple Bay – Mamallapuram on 10th and 11th January 2014 was an outstanding academic success. The second Dandy India Course and the First Microvascular Anastomoses workshop held at the Taj Vivanta – Kovalam on 29th to 31st. March set the academic standards and excellence in teaching at the highest level. The 3rd Walter E Dandy Neurosurgical course and the 2nd Walter E Dandy micro-vascular anastomosis workshop and Neuro Intervention - A transluminal journey on the 14-16 July at the Fateh Prakash Palace, Udaipur introduced 3D Anatomy sessions & the Neurovascular Interventional dimension. The 4th course was held at Agra on 4th to 6th January 2018 and the highlights were Practical Anatomy of the spine workshop and The first Asian “**Introduction to Neurosurgery for Medical Students**”. The quality of teaching and the learning has been exemplary. I have taken over as an 17th President of Society for Brain Mapping and Therapeutics and I am happy that this society is bringing its academic torch to India.

A handwritten signature in black ink, reading "S. I. Abdulrauf".

Saleem I. Abdulrauf, MD, FACS

Professor & Chairman

Department of Neurological Surgery

Saint Louis University

**Global President, Walter E. Dandy Neurosurgical
Society (WEDNS)**

**President, Society for Brain Mapping & Therapeutics
(SBMT)**



Walter E. Dandy

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Spine Neurosurgery

Peripheral Neurosurgery

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Vascular Neurosurgery

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Minimally Invasive Neurosurgery

Evidence based Neurosurgery

Human Cortex: Functional Organization and Surgical Approaches

Brain Aneurysms: Decision Making and Surgery

Brain Vascular Malformations: Decision Making and Surgery

A Tour of the Skull Base

Skull Base to the Sacrum

Open Discussion About a Career in Neurological Surgery

The course is free, but registration is required

8:00 AM – 4:00 PM

FACULTY

PROF. SALEEM I. ABDULRAUF

Walter E. Dandy

4TH MICROVASCULAR ANASTOMOSES

Hands On Workshop

- 1. Microvascular Anastomoses on tubes**
- 2. Chicken Arteries**

FACULTY

Prof. Saleem I. Abdulrauf
Prof. Siddhartha Ghosh
Prof. Antony Aravind
Prof. Paritosh Pandey
Prof. Ravi Mohan Rao
Prof. Mathew Abraham

8:00 AM – 4:00 PM

DAY 1 (03.01.2020) - THE BORGOS – KAZIRANGA

**WORKSHOP ON NAVIGATION, BRAIN MAPPING, ADVANCED
NEUROPHYSIOLOGY AND ROBOTICS**

**Cranial & Spinal Neurosurgery
One day Intensive Course Organised in Collaboration with
SOCIETY FOR BRAIN MAPPING AND THERAPEUTICS**

FACULTY

Prof. Saleem I. Abdulrauf
Prof. Siddhartha Ghosh
Prof. Babak Kateb
Prof. Dawn Eliashiv
Prof. Vicky Yamamoto
Prof. Sarat Chandra
Prof. Sandip Chatterjee
Prof. Aliasgar Moiyadi
Prof. Srinivas Babu

8:00 AM – 4:00 PM

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DAY 1 (03.01.2020) - THE BORGOS – KAZIRANGA

08:00 - 09:15 AM	INTRODUCTION & OPENING REMARKS Overview of Brain Mapping and Therapeutics – Prof. Saleem I. Abdulrauf (15 Minutes) Cranial Navigation - Basic essentials – Prof. Sandip Chatterjee (15 Minutes) Spinal Navigation – Prof. Siddhartha Ghosh (15 Minutes) Neurophysiological Monitoring the essentials– Prof. Srinivas Babu (15 Minutes) Robotics - Neurosurgery Cranial and Spine, Where are we? – (15 Minutes)
09:15 - 10:15 AM	SECTION I - BRAIN MAPPING AND THERAPEUTICS Practical aspects - (1 Hr)
10:15 -11:45 AM	SECTION II – CRANIAL & SPINAL NAVIGATION Practical aspects of the Cranial Navigation System -(45 Minutes) Practical aspects of the Spinal Navigation System - (45 Minutes)
11:45 - 12:15 PM	SECTION III – ADVANCED NEUROPHYSIOLOGY The Current systems and clinical standards in Neurophysiological Monitoring – Prof. Sandip Chatterjee (15 Minutes) Current nuances and concepts in Intra Operative Monitoring - Prof. Srinivas Babu (15 Minutes)
12:15 - 12:45 PM LUNCH	Motor cortical and dynamic subcortical mapping with DCS MEP monitoring Prof. Aliasgar Moiyadi (15 Minutes) Should the Neurosurgeon be his own Neurophysiologist - Prof. Sandip Chatterjee (15 Minutes) Evidence for Neurophysiological Monitoring – Prof. Srinivas Babu (15 Minutes)
12:45 – 2:15 PM	Speech Mapping - Eloquent Supratentorial Mapping - Awake Craniotomy - Prof. Aliasgar Moiyadi (15 Minutes) Detailed Nuances and recorded demonstration of various Brain Mapping Techniques – Prof. Dawn Eliashiv (15 Minutes) Learning the current World Standards – Prof. Saleem I. Abdulrauf – (15 Minutes)
02:15 - 04:30 PM	SECTION IV – SOCIETY FOR BRAIN MAPPING AND THERAPEUTICS Prof. Babak Kateb (20 Minutes) Prof. Dawn Eliashiv (20 Minutes) Prof.Vicky Yamamoto (20 Minutes) Practical applications of Robotics (1 Hr) (Initial experience with Robotics in Epilepsy Surgery)-Prof. Sarat Chandra (15 Minutes)
04:30 -04:45 PM	SECTION V – ULTRASOUND Application of Intraoperative Ultrasound in Neurosurgery - Principles and Practical Aspects - Prof. Aliasgar Moiyadi (15 Minutes)

DAY 2 (04.01.2020) - THE BORGOS – KAZIRANGA

Session 1 – Brain Tumors Symposium

6:00 – 7:30 AM	BREAKFAST
7:30 – 7:45 AM	INTRODUCTION TO SYMPOSIUM PROF. SALEEM I. ABDULRAUF (5 Minutes) PROF. SIDDHARTHA GHOSH (5 Minutes) LEGACY OF WALTER E. DANDY Prof. Anil Pande (5 Minutes)
7:45 – 8:05 AM	INAUGURAL LECTURE NEUROSURGEON’S ROLE IN RESEARCH AND DEVELOPMENT- HOW TO PROCEED - PERSONAL EXPERIENCE Prof. Sarat Chandra (20 Minutes)
8:05 – 8:51 AM	GLIOMA SURGICAL ANATOMY OF INSULA Prof. Saleem I. Abdulrauf (12 Minutes) “HOW I DO IT”: SURGERY OF LEFT INSULAR GLIOMA Prof. Dilip Panikar (15 Minutes) SURGERY OF OPTIC PATHWAY GLIOMA Prof. Manas Kumar Panigrahi (15 Minutes)
	INTERACTIVE SESSION (4 minutes)
8:51 – 9:16 AM	HONORED GUEST LECTURE-I WHO CLASSIFICATION OF GLIOMA 2016 & IT’S CLINICAL INTERPRETATIONS Prof. Vani Santosh (10 Minutes) RECENT ADVANCES IN RESEARCH FOR MALIGNANT GLIOMA Prof. Vani Santosh (15 Minutes)

DAY 2 (04.01.2020) - THE BORGOS – KAZIRANGA

9:16 – 10:00 AM	<p style="text-align: center;">EPILEPSY</p> <p>ANATOMY OF MEDIAL TEMPORAL LOBE Prof. Abhidha Shah (10 Minutes)</p> <p>“HOW I DO IT”:</p> <p>TEMPORAL LOBECTOMY AND AMYGDALOHIPPOCAMPECTOMY Prof. Sarat Chandra (15 Minutes)</p> <p>HEMISPHEROTOMY Prof. Sarat Chandra (15 Minutes)</p>
INTERACTIVE SESSION (4 Minutes)	
10:00 – 10:20 AM	<p style="text-align: center;">HONORED GUEST LECTURE-II</p> <p>FROM NANONEUROSURGERY AND NEUROPHOTONICS TO AI AND PREDICTIVE MODELING: HOW TECHNOLOGY WILL REVOLUTIONIZE NEUROSURGERY Prof. Babak Kateb (20 Minutes)</p>
10:20 – 11:20 AM	<p style="text-align: center;">SURGICAL APPROACHES & SUPPORTIVE VIDEOS – I</p> <p>“HOW I DO IT”:</p> <p>LATERAL APPROACHES TO THE MIDBRAIN -SURGICAL ANATOMY (5 Minutes) -SURGICAL PROCEDURES (10 Minutes) Prof. Saleem I. Abdulrauf (15 Minutes)</p> <p>SYLVIAN FISSURE AVM -SURGICAL ANATOMY (5 Minutes) -SURGICAL PROCEDURES (10 Minutes) Prof. Chandrasekhar Deopujari (15 Minutes)</p> <p>SURGERY OF MEDULLOBLASTOMA -SURGICAL ANATOMY (5 Minutes) -SURGERY PROCEDURES (10 Minutes) Prof. Basanta Kumar Baishya (15 Minutes)</p> <p>SURGERY OF CAVERNOUS SINUS -SURGICAL ANATOMY (5 Minutes) -SURGICAL PROCEDURES (10 Minutes) Prof. Sanjay Behari (15 Minutes)</p>
11:20 – 12:12 PM	<p style="text-align: center;">MEDULLOBLASTOMA</p> <p>SURGICAL ANATOMY OF CEREBELLUM Dr. Abhidha Shah (10 Minutes)</p> <p>“HOW I DO IT”:</p> <p>TELO-VELO TONSILLAR APPROACH OF MEDULLOBLASTOMA Prof. Dattatray Mazumdar (15 Minutes)</p> <p>MOLECULAR PATHOLOGY AND CURRENT TREATMENT POLICY OF MEDULLOBLASTOMAS Prof. Rakesh Jalali (15 Minutes)</p> <p>ROLE OF PROTON THERAPY IN CNS TUMOURS Prof. Rakesh Jalali (8 Minutes)</p>
INTERACTIVE SESSION (4 Minutes)	

DAY 2 (04.01.2020) - THE BORGOS – KAZIRANGA

12:12 – 12.56 PM	<p style="text-align: center;">VESTIBULAR SCHAWANNOMA</p> <p>ANATOMY OF PETROUS BONE AND C.P. ANGLE CISTERN Prof. Sukhdeep Singh Jhawar (10 Minutes)</p> <p>“HOW I DO IT”:</p> <p>SURGERY OF LARGE/GIANT VESTIBULAR SCHWANNOMA Prof. Suresh Nair (15 Minutes)</p> <p>CONTROVERSY TOWARDS TOTAL/SUBTOTAL EXCISION Prof. Siddhartha Ghosh (15 Minutes)</p>
	INTERACTIVE SESSION (4 Minutes)
12:56 – 1:26 PM	LUNCH
1:26 – 2:30 PM	<p style="text-align: center;">AWAKE CRANIOTOMY</p> <p>“HOW I DO IT”:</p> <p>ANESTHETIC NUANCES Prof. PSN Raju (15 Minutes)</p> <p>BRAIN MAPPING Prof. Sandip Chatterjee (15 Minutes)</p> <p>SURGERY IN ELOQUENT AREAS Prof. Aliasgar Moiyadi (15 Minutes)</p> <p>SURGERY ON VASCULAR LESIONS Prof. Saleem I. Abdulrauf (15 Minutes)</p>
	INTERACTIVE SESSION (4 Minutes)
2:30 – 3:34 PM	<p style="text-align: center;">VASCULAR TUMOUR</p> <p>SURGICAL ANATOMY OF CIRCLE OF WILLIS AND IT’S ANOMALIES Prof. Saleem I. Abdulrauf (15 Minutes)</p> <p>“HOW I DO IT”:</p> <p>SURGERY OF LARGE ACOM ANEURYSM Prof. Mathew Abraham (15 Minutes)</p> <p>COMPLICATION AVOIDANCE IN INTRAOPERATIVE RUPTURE OF ANEURYSM MANAGEMENT Prof. Sarat Chandra (15 Minutes)</p> <p>SURGERY OF POSTERIOR CIRCULATION ANEURYSM Prof. Ravi Mohan Rao (15 Minutes)</p>
	INTERACTIVE SESSION (4 Minutes)
3:34 – 3:54 PM	<p style="text-align: center;">WALTER E. DANDY ORATION - I</p> <p>THE TRANS-ORAL OPERATION AND LAYING THE FOUNDATIONS OF C.V. JUNCTION SURGERY Prof. Bhabani Sankar Das (20 Minutes)</p>

DAY 2 (04.01.2020) - THE BORGOS – KAZIRANGA**DEVELOPMENTAL****EMBRYOLOGY OF DYSRAPHIC STATES**

Prof. Sandip Chatterjee (15 Minutes)

“HOW I DO IT”:**SURGERY OF LIPOMENINGOMYELOCELE**

Prof. Natarajan Muthukumar (15 Minutes)

SURGERY OF SPLIT CORD MALFORMATION

Prof. A.K. Mahapatra (15 Minutes)

SURGICAL NUANCES OF CRANIOSTENOSIS

Prof. Suhas Udaykumaran (15 Minutes)

3:54 – 4:58 PM

INTERACTIVE SESSION (4 Minutes)

4:58 – 5:08 PM

TEA BREAK**SPINE****ANATOMY OF CV JUNCTION**

Prof. Sandip Chatterjee (10 Minutes)

“HOW I DO IT”:**SURGERY OF CV JUNCTION****ANTERIOR APPROACH TO CV JUNCTION**

Prof. Sushil Patkar (15 Minutes)

POSTERIOR APPROACH TO CV JUNCTION

Prof. B.Chendilnathan (15 Minutes)

SURGERY OF OPLL AND IT'S CONTROVERSIES

Prof. Sushil Patkar (15 Minutes)

5:08 – 6:07 PM

INTERACTIVE SESSION (4 Minutes)**SURGICAL APPROACHES & SUPPORTIVE VIDEOS****“HOW I DO IT”:****SURGERY OF BRAIN STEM CAVERNOMAS****-SURGICAL ANATOMY (5 Minutes)****-SURGICAL PROCEDURES (10 Minutes)**

Prof. Saleem I. Abdulrauf (15 Minutes)

MANAGEMENT OF REBLEED FOLLOWING ANEURYSM CLIPPING**-SURGICAL ANATOMY (5 Minutes)****-SURGICAL PROCEDURES (10 Minutes)**

Prof. Manas Kumar Panigrahi (15 Minutes)

SURGERY OF PICA ANEURYSMS**- SURGICAL ANATOMY (5 Minutes)****-SURGICAL PROCEDURES (10 Minutes)**

Prof. L.N. Tripathy (15 Minutes)

SURGICAL MANAGEMENT OF AVM -SURGERY ANATOMY (5 Minutes)**-SURGICAL PROCEDURES (10 Minutes)**

Prof. Atul Goel (15 Minutes)

6:07 – 7:07 PM

7:07 PM

ADJOURN

8.15 PM

PHOTO SESSION, CULTURAL EVENT BANQUET & DINNER

DAY 3 (05.01.2020) - THE BORGOS – KAZIRANGA

Session 2 - The Neuroanatomical Correlates to Brain Tumours, Vascular lesions & Spine

6:30 – 7:30 AM

BREAKFAST

CEREBRAL REVASCULARIZATION

**“HOW I DO IT”:
STA-MCA BYPASS**

Prof. Paritosh Pandey (12 Minutes)

7:30 – 8:22 AM

OCCIPITAL ARTERY-PCA BYPASS

Prof. Saleem I. Abdulrauf (12 Minutes)

IMAX BYPASS

Prof. Saleem I. Abdulrauf (12 Minutes)

RADIAL ARTERY HIGH FLOW BYPASS

Prof. Saleem I. Abdulrauf (12 Minutes)

INTERACTIVE SESSION (4 Minutes)

ORBITAL TUMOURS

ANATOMY OF ORBIT

Prof. Sukhdeep Singh Jhawar (10 Minutes)

8:22 – 9:01 AM

“HOW I DO IT”:

TRANSCRANIAL APPROACH FOR ORBITAL TUMOURS

Prof. Aadil Chagla (15 Minutes)

COMPLICATION AVOIDANCE IN ORBITAL SURGERY

Prof. Aadil Chagla (10 Minutes)

INTERACTIVE SESSION (4 Minutes)

PINEAL REGION TUMORS

ANATOMY OF SUPERFICIAL AND DEEP VENOUS SYSTEM

Prof. Saleem I. Abdulrauf (15 Minutes)

9:01 – 9:50 AM

“HOW I DO IT”:

MIDLINE SUPRACEREBELLAR APPROACH

Prof. Manmohan Singh (15 Minutes)

LATERAL SEMI-SITTING POSITION FOR POSTERIOR FOSSA TUMOUR

Prof. Vernon Velho (15 Minutes)

INTERACTIVE SESSION (4 Minutes)

WALTER E. DANDY ORATION - II

9:50 - 10:10 AM

THE CONTINUING CHALLENGE OF VASCULAR SURGERY

Prof. R.N. Bhattacharya (20 Minutes)

DAY 3 (05.01.2020) - THE BORGOS – KAZIRANGA

10:10 - 11:08 AM	<p style="text-align: center;">CHALLENGING TUMORS</p> <p>“HOW I DO IT”:</p> <p>PETROCLIVAL MENINGIOMAS -SURGICAL ANATOMY (8 MINUTES) -SURGERY (10 MINUTES)</p> <p>Prof. Sanjay Behari (18 Minutes)</p> <p>CHALLENGES OF TRANS-CAVERNOUS APPROACH</p> <p>-SURGICAL ANATOMY (8 MINUTES) -SURGERY (10 MINUTES)</p> <p>Prof. Manmohan Singh (18 Minutes)</p> <p>BRAIN STEM GLIOMA -SURGICAL ANATOMY (8 MINUTES) -SURGERY (10 MINUTES)</p> <p>Prof. V.S. Mehta (18 Minutes)</p>
	<p style="text-align: center;">INTERACTIVE SESSION (4 Minutes)</p>
	<p style="text-align: center;">CHALLENGING TUMOURS/VASCULAR</p> <p>“HOW I DO IT”:</p> <p>ANTERIOR SKULL-BASE MENINGIOMA – APPROACHES AND PRINCIPLES OF MANAGEMENT</p> <p>-SURGICAL ANATOMY (8 MINUTES) -SURGERY (10 MINUTES)</p> <p>Prof. Suresh M. Dugani (18 Minutes)</p> <p>SURGERY OF CHORDOMA -SURGERY (15 MINUTES)</p> <p>Prof. Rajneesh Kachhara (15 Minutes)</p> <p>SURGERY OF LARGE AVM IN SYLVIAN FISSURE</p> <p>-SURGICAL ANATOMY (8 MINUTES) -SURGERY (10 MINUTES)</p> <p>Prof. Brig Harjinder Singh Bhatoe (18 Minutes)</p>
<p style="text-align: center;">INTERACTIVE SESSION (4 Minutes)</p>	
12:03 – 1:03 PM	<p style="text-align: center;">SURGICAL APPROACHES & SUPPORTIVE VIDEOS</p> <p>“HOW I DO IT”:</p> <p>TRANSCRANIAL APPROACHES TO CRANIOPHARYNGIOMAS</p> <p>-SURGICAL ANATOMY (5 Minutes) -SURGICAL PROCEDURES (10 Minutes)</p> <p>Prof. Girish Menon (15 Minutes)</p> <p>ENDOSCOPIC EXCISION OF CRANIOPHARYNGIOMAS</p> <p>-SURGICAL ANATOMY (5 Minutes) -SURGICAL PROCEDURES (10 Minutes)</p> <p>Prof. N. K. Venkataramana (15 Minutes)</p> <p>SURGICAL MANAGEMENT OF INTRAMEDULLARY SPINAL CORD LESIONS</p> <p>-SURGERY ANATOMY (5 Minutes) -SURGICAL PROCEDURES (10 Minutes)</p> <p>Prof. Lokendra Singh (15 Minutes)</p> <p>C1-C2 STABILIZATION -SURGICAL ANATOMY (5 Minutes) -SURGICAL PROCEDURES (10 Minutes)</p> <p>Prof. Roopesh Kumar (15 Minutes)</p>

DAY 3 (05.01.2020) - THE BORGOS – KAZIRANGA**1:03 – 1:33 PM****LUNCH****1:33 – 1:53 PM****HONORED GUEST LECTURE**

Prof. Dawn Eliashiv (20 Minutes)

1:53 – 2:11 PM**FORAMEN MAGNUM MENINGIOMA****“HOW I DO IT”:****SURGERY OF FORAMEN MAGNUM MENINGIOMA-****SURGICAL ANATOMY** (8 Minutes)**SURGERY** (10 Minutes)

Prof. Sanjay Behari (18 Minutes)

2:11 – 3:00 PM**COMPLICATIONS AVOIDANCE****“HOW I DO IT”:****PETROSAL APPROACHES AND COMPLICATIONS AVOIDANCE**

Prof. Saleem I.Abdulrauf (15 Minutes)

MANAGEMENT OF GIANT MEDIAL SPHENOID WING MENINGIOMA WITH VASCULAR ENCASEMENT

Prof. Keki Turel (15 Minutes)

MANAGEMENT STRATEGY OF HYPER VASCULAR TUMOURS

Prof. Siddhartha Ghosh (15 Minutes)

INTERACTIVE SESSION (4 Minutes)**3:00 – 3:37 PM****ENDOSCOPY****“HOW I DO IT”:****ENDOSCOPY PITUITARY SURGERY -SURGICAL ANATOMY** (8 MINUTES)**-SURGERY** (10 MINUTES)

Prof. Chandrasekhar Deopujari (18 Minutes)

EXTENDED ENDOSCOPIC APPROACH FOR CRANIOPHARYNGIOMA

Prof. S. S. Dhandapani (15 Minutes)

INTERACTIVE SESSION (4 Minutes)**3:37 – 4:07 PM****MINIMALLY INVASIVE SURGERY****“HOW I DO IT”:****SURGERY FOR MVD**

Prof. Asheesh Tandon (15 Minutes)

SUPRA ORBITAL CRANIOTOMY

Prof. Suresh Sankhla (15 Minutes)

DAY 3 (05.01.2020) - THE BORGOS – KAZIRANGA

4:07 – 4:27 PM	HONORED GUEST LECTURE Prof. Vicky Yamamoto (20 Minutes)
4:27 – 4:37 PM	TEA BREAK
4:37 – 5:19 PM	TRAUMA “HOW I DO IT”: CONSENSUS BASED GUIDELINES FOR TBI Prof. Deepak Gupta (15 Minutes) SURGICAL ANATOMY OF BRACHIAL PLEXUS & MANAGEMENT OF BRACHIAL PLEXUS LESIONS Prof. Ketan Desai (15 Minutes) DREZ LESION FOR BRACHIAL PLEXUS INJURY Prof. Deepak Gupta (12 Minutes)
5:19 – 6.03 PM	TO THE YOUNG NEUROSURGEONS ADVICE BY DOYENS OF NEUROSURGERY Prof. Bhabani Sankar Das (8 Minutes) Prof. R. N. Bhattacharya (8 Minutes) ADVICE ABOUT CAREER DEVELOPMENT Prof. Saleem I. Abdulrauf (12 Minutes) RESIDENTS TRAINING IN NEUROSURGERY Prof. Deepak Gupta (12 Minutes)
	INTERACTIVE SESSION (4 Minutes)
6:03 – 6.13 PM	CONCLUDING REMARKS Prof. Saleem I. Abdulrauf (5 Minutes) Prof. Atul Goel (3 Minutes) Prof. Siddhartha Ghosh (2 Minutes)
6:13 PM	ADJOURN



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Awareness is the first step in stroke prevention. Take it now.



Warning Signs of Stroke and Symptoms

WEAKNESS & NUMBNESS Sudden numbness or weakness of face, arm or leg especially on one side.	SPEECH DISTURBANCE Sudden development of disturbance in speaking or of comprehension.	HEADACHE & NAUSEA Sudden unexplained headache, vomiting and impairment of consciousness.	LOSS OF VISION Sudden loss of vision on one side.	DIZZINESS & VERTIGO Sudden vertigo, double vision, dizziness, lack of balance or coordination on walking.

It is very important to recognize the signs and symptoms of stroke at the earliest as every moment's delay leads to a loss of millions of brain cells leaving the victim crippled forever. It usually occurs suddenly like a bolt from the blue

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The best thing to do during a stroke is to get immediate medical attention. **Call 1066** and get medical assistance to prevent extensive damage to the brain cells.

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- For registration please send an email to **profpande@yahoo.com** with the details (Name, Age, Sex, Attached Institution, Designation, E-mail,Phone Number, City)
- Rooms will be allotted only for four nights : 2nd to 5th January 2020
For travel and accommodation details please contact

Event Manager - Mr. Rajesh Bairathi - 9829063767
Ms. Saima Hussain - 9636361422
Email ID - corporate@rajastours.com
rajesh@rajastours.com

- All delegates are requested to stay back till the end of the programme and book return tickets on the 6th January 2020.
- The First 150 Neurosurgery Postgraduates and young Neurosurgeons registered will be sponsored partly by the Walter E. Dandy India society (local hospitality and stay).
- All delegates are requested to be in time for the sessions and utilize this unique educational opportunity.
- **The last date for registration is 25.11.2019**

www.dandysocietyindia.com

The Dandy India Neurosurgical Course is supported by unrestricted educational grant



ORGANIZING SECRETARY

Prof. Anil Pande
(profpande@yahoo.com)

ORGANIZING COMMITTEE

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