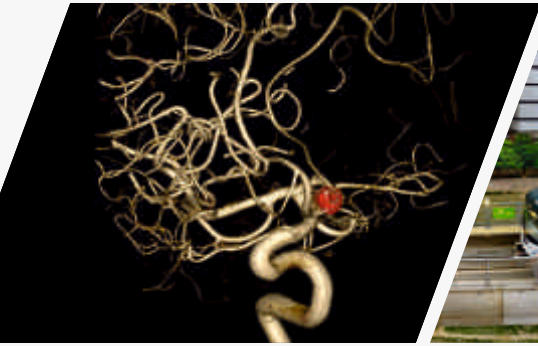




ANEURYSM MASTERCLASS 2018

ANNUAL NEUROVASCULAR INTERVENTION UPDATE

"A-z of cerebral aneurysm management: basics to complicated"



**9th - 10th February 2018,
Taj City Centre Gurugram**

SCIENTIFIC PROGRAM

Organizing Chairman

Dr. Vipul Gupta

Director Neurointerventional Surgery
& Co-Director Stroke Unit,
Artemis Agrim Institute of Neuroscience

Organizing Secretary

Dr. Rajsrinivas Parthasarathy

Consultant Vascular Neurology & Neurointerventional Surgery

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Artemis Agrim
INSTITUTE OF NEUROSCIENCES

Day 1: February 9, 2018

8.00 – 9.15 AM

TRAINING WORKSHOP (part 1) “Converting Pictures to Outcome”**BASICS but ‘CRITICAL’ (Practical steps) (30 minutes)****Chairpersons:** Amit Aslam Khan, Arvind Nanda

- ⌘ Analysis of aneurysm: planning the approach – how I do it? *Vivek Gupta (8+2)*
- ⌘ Microcatheter physics: J, C, S and perpendicular plane curves ‘when’ and ‘the technique’ *Vipul Gupta (8+2)*
- ⌘ Catheterization: ‘To and fro massage’ technique, pull back, stent and balloon assistance *Vipul Gupta (8+2)*

**MASTERCLASS: Balloon Assistance (Video workshop)****Chairpersons:** Chandril Chugh, GG Sharath Kumar

- ⌘ Techniques in balloon assisted coiling *C Mounayer (12+3)*
- ⌘ ‘End hole, over & under inflation, double balloon, shifting between arteries’ *Vipul Gupta (8+2)*

PRACTICAL STEPS: Vasospasm Management

- ⌘ Vasospasm in ICU: the stepwise escalation in management *Saurabh Anand (8+2)*

SESSION 1

9.15 – 9.30 AM

Flow Diverter Workshop**The ‘Mechanics’****Chairpersons:** V K Dixit, Vivek Gupta, Vikas Gupta, Manish Agrawal

- ⌘ Flow diversion: ‘How it works? When will it not work? & the role and fate of side branches’ *Pascal Jabour (12+3)*

Day 1: February 9, 2018

9.30 – 10.15 AM

MASTERCLASS: Dissecting the technique (Practical pearls)

- ⌘ Sizing of device: ‘Under, over or tailored’ *C Mounayer (12+3)*
- ⌘ FD in fusiform: ‘How I deploy? Overlapping & ‘device within a device’, ‘the pearls’?’ *Hans Henkes (8+2)*
- ⌘ Vertebral artery dissecting aneurysm *Demetrius Lopes (8+2)*

10.15 – 11.15 AM

**MAYDAY: We have a problem - Technical innovation (Video case studies)**

Chairpersons: Shailesh Gaikwad, Harsh Rastogi, Ashwini Choudhary, Aditya Gupta

- ⌘ Reposition prolapsed distal end of device; ‘Balloon anchoring technique’ *C Mounayer (7+3)*
- ⌘ Retrograde balloon technique: Collapsed proximal flow diverter *C Mounayer (7+3)*
- ⌘ Delayed migration/shortening of the flow diverter *Pascal Jabour (7+3)*
- ⌘ Flow diverter with parent vessel stenosis
Rajsrinivas Parthasarthy/Vipul Gupta (7+3)
- ⌘ Rescue and realignment of proximal end of device *Martínez-Galdámez M (7+3)*
- ⌘ Retraction and gapping of overlapped flow diverter *Naci Kocer (7+3)*

Day 1: February 9, 2018

11.15 AM - 12.15 PM

Flow diversion: tailoring the approach – FDs, stents & more (Practical pearls)**Chairpersons:** N. Khandelwal, Uday Limaye, VD Sinha, Gopal Raman Sharma

- ⌘ Beyond circle of Willis and small arteries
(Bifurcation, distal ACA & PICA) *Naci Kocer (12+3)*
- ⌘ Blister ICA: our approach *Vipul Gupta (12+3)*
- ⌘ FD in previously stented aneurysm *Pascal Jabour (12+3)*
- ⌘ Giant basilar top and Basilar fusiform: When to treat? and my approach *Hans Henkes (12+3)*

12.15 - 12.45 PM

Device evolution**Chairpersons:** Leve Joseph, Manish Chugh

- ⌘ Pipeline shield *Martínez-Galdámez M (8+2)*
- ⌘ P48 *Hans Henkes (8+2)*

12.45 - 1.30 PM

Lunch**SESSION 2 & 3****Session 2 (Live case) & Session 3 (Gladiator sessions)**

1.30 - 2.30 PM

LIVE CASE I (Stuttgart): pCONUS**Moderators:** Rashmi Saraf, Hans Henkes

Day 1: February 9, 2018

2.30 - 3.00 PM

Gladiator session I: Intervention Vs Surgical 'Let the best man win'

Plaintiff (7 minutes)	Defendant (2 minutes)	Jury (1 minute)
Paritosh Pandey Pascal Jabour V D Sinha	Uday Limaye Shailesh Gaikwad	RV Phadke A K Singh Suresh Nair

3.00 - 4.00 PM

LIVE CASE II (Spain): SURPASS flow diverter**Moderators:** Vipul Gupta, Rajeev Sivashankar

4.00 - 4.30 PM

Gladiator session II: Intervention Vs Surgical 'Let the best man win'

Plaintiff (7 minutes)	Defendant (2 minutes)	Jury (1 minute)
Uday Limaye Shailesh Gaikwad	Pascal Jabour V D Sinha Paritosh Pandey	Anita Jagetia Abrar Wani Mohan Raj Sharma

4.30 - 5.30 PM

LIVE CASE III (Stuttgart): p48**Moderator:** Hans Henkes, Vipul Gupta

8.00 PM Onwards

Dinner

Day 2: February 10, 2018

8.00 – 9.15 AM

TRAINING WORKSHOP (Part 2) “Getting there& retrievals”

GETTING THERE (30 minutes)

Chairpersons: Girish Rajpal, Ajay Kumar, Atulabh Vajpayee

- ⌘ Access to the aneurysm: navigating arch & parent artery *Vipul Gupta (8+2)*
- ⌘ Access beyond the aneurysm: Wire torqueability, Balloon & Stent anchor technique *Vipul Gupta (8+2)*
- ⌘ Carotid puncture & difficult vertebral artery access (Case studies) *Rajsrinivas Parthasarthy/Vipul Gupta (8+2)*

(40 minutes)



MAY DAY: We have a problem–Technical innovation (Video case studies)

Chairpersons: Srinivasan Paramasivan, Sunanda Anand, Vivek Singh

- ⌘ Thromboembolism ‘Prevent, anticipate and manage’ ‘the drug protocol’. *Vipul Gupta (8+2)*
- ⌘ Coil prolapse: Strategies ‘balloon repositioning & stent jailing’ *C Mounayer (8+2)*
- ⌘ Retrieval techniques: *Rajsrinivas Parthasarthy/Vipul Gupta (12+3)*

* **Coil retrieval**

- ◇ Snare
- ◇ Stent
 - ⌘ Open and grasp (bifurcation coil).
 - ⌘ Side wall engagement.
- ◇ Balloon grasp.

* **Stent retrieval**

- ◇ Loop and snare
- ◇ Deploy and Engage

* **Wire retrieval**

- ◇ Understand the geometrical favorability
 - ⌘ Stent based
 - ⌘ Snare based

Day 2: February 10, 2018

SESSION 4

9.15 - 10.15 AM

LEARN FROM THE MASTERS *'The case that makes your heart stop for a minute'*

(Video case studies)

Chairpersons: Harsh Rastogi, Ashwani Choudhary, Sonal Gupta

- ⌘ Hans Henkes (7+2)
- ⌘ Charbel Mounayer (7+2)
- ⌘ Tufail Patankar (7+2)
- ⌘ Pascal Jabour (7+2)
- ⌘ Demetrius Lopes (7+2)

SESSION 5

10.15 - 10.45 AM

BIFURCATION ANEURYSMS

ISSUES AND DILEMMAS IN CURRENT ERA (Panel discussion: Practice pearls)

Panelist: Tufail Patankar, Oishi Hidenori, Daljit Singh, P Sarat Chandra

- ⌘ Broad neck ruptured ACOM aneurysm (incorporating both exiting arteries) (5+2)
- ⌘ Wide neck MCA aneurysm with near the neck lobule (5+2)
- ⌘ Very Small (< 2 mm) ACOM (5+2)
- ⌘ Dissecting blister MCA (5+2)

10.45 - 11.15 AM



MASTERCLASS: Understanding the stent dynamics (Video case studies)

Chairpersons: Trilochan Srivastava, V Raja Mannar, R. S. Mittal

- ⌘ How I do it? 'The braid behaves better' *Oishi Hidenori (12+3)*
- ⌘ How I do it? 'The Hybrid Stent' *Vipul Gupta (12+3)*

Day 2: February 10, 2018

11.15 AM - 12.45 PM

**DISSECTING THE TECHNIQUE: Innovations (Video workshop)****Chairpersons:** S. Paramasivan, Karam Chand, Ashis Pathak

- ⌘ Shelving technique: ‘the nuances?’ *Vipul Gupta (10+2)*
- ⌘ T & half T: Microstent assisted coiling, ‘the pearls’ *C Mounayer (10+2)*
- ⌘ X – Microstent assisted coiling, ‘the pearls’ *Oishi Hidenori (10+2)*
- ⌘ Large partially thrombosed bifurcation aneurysm *Tufail Patankar (10+2)*
- ⌘ ‘Teddy Bear technique’ pCONUS and Solitaire’ *Hans Henkes (10+2)*
- ⌘ Stent and Balloon for bifurcation aneurysms *Rene Chapot (10+2)*
- ⌘ Stent complications – how to handle *Rene Chapot (10+2)*

12.45 - 1.00 PM

Imaging Symposium

- ⌘ The next generation imaging technology in the field of neuro intervention *Sebastian Slijderink (12+3)*

1.00 - 1.45 PM

Lunch**SESSION 6**

1.45 - 2.50 PM

EVOLVING BIFURCATION DEVICES (WORKSHOP)**pCONUS-the ‘Mechanics’****Chairpersons:** Ajay Choudhary, H. S. Bhatoe, Sanjay Gupta

- ⌘ Sizing and deployment “the pearls” Tips in challenging geometry *Hans Henkes (12+3)*

Day 2: February 10, 2018

**MAYDAY: We have a problem - Technical innovation (Video case studies)**

- ⌘ My favorite teaching case: (petal prolapse, malaligned device, other) *Tufail Patankar (7+2)*
- ⌘ More than one device, Tandem bifurcation aneurysms: the limitations *Hans Henkes (7+2)*

Woven EndoBridge device - 'the Mechanics':**Chairpersons:** Sibasankar Dalai, Rahul Gupta

- ⌘ The WEB platform 'Sizing and deployment' 'the pearls' *Tufail Patankar (8+2)*

**MASTERCLASS: UNDERSTANDING THE DEVICE LIMITATION (Video case studies)**

- ⌘ My favorite teaching case: Compression 'shape change with time'; poor geometrical
- ⌘ Case 1: *Vijay Jaykrishnan (7+3)*
- ⌘ Case 2: *Tufail Patankar (7+3)*

2.50 - 3.00 PM

**BRIDGING DEVICE ASSISTED COILING (Video workshop)****Chairperson:** Rajeev Jha

- ⌘ The Comaneci: 'how to use' & 'the limitations' *Tufail Patankar (8+2)*

3.00 - 3.20 PM

DEVICE EVOLUTION**Chairpersons:** Swati Chinchura, C D Sahu, Munish Aggarwal, Amitabh Goel

- ⌘ Intra-aneurysmal flow modification 'the superiority of pCANVAS'; 'Hear it from the master' *Hans Henkes (8+2)*
- ⌘ Pulsar - 'the indication, sizing and deployment' *Tufail Patankar (8+2)*

Day 2: February 10, 2018

SESSION 7

3.20 - 4.45 PM

My Favorite Teaching Case *'the case that makes your heart stop for a minute'***Chairpersons:** Vipul Gupta, Vijay Jaykrishnan, Aditya Gupta

- | | |
|--------------------|-------|
| ⌘ Ajay Kumar | (7+2) |
| ⌘ Aditya Gupta | (7+2) |
| ⌘ Vivek Singh | (7+2) |
| ⌘ Rajeev Sivsankar | (7+2) |
| ⌘ Manish Chugh | (7+2) |
| ⌘ Leve Joseph | (7+2) |
| ⌘ Vikram Huded | (7+2) |
| ⌘ Rashmi Saraf | (7+2) |

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