



# ISNR-ABCNR Program

27th-30th September 2018

“The Lalit,” Connaught Place, New Delhi, India

Dear Colleagues/Friends,

The Dept. of Neuroimaging and Interventional Neuroradiology, AIIMS Delhi will be hosting **“20th Annual Conference of Indian Society of Neuroradiology” from 27th-30th Sept, 2018, at “The Lalit”, Connaught Place, New Delhi, INDIA** in Collaboration with American British Course in Neuroradiology (ABCNR) and other Leading Teaching Institutes both in Public and Private Sectors in Delhi.

The conference will feature on Symposia, Didactic lectures, Neuro Quiz, Interactive sessions and hands on workshops to be conducted by pioneers in this sub-speciality.

It will be a four -day conference where eminent Neuroradiologist has agreed to come together to share their experiences and knowledge among the participants across the globe including India.

## CONFERENCE HIGHLIGHTS:

- **Interventional Neuroradiology:** Featured talks by some of the best Neurointerventionist in the world: Tackling MCA bifurcation aneurysms, Flow diverters in giant/complex aneurysms, Transvenous AVM embolization & State-of-the-Art Mechanical thrombectomy.
- **Workshops:** How I Do It, Hands-on-training on newer devices.
- **Diagnostic Neuroradiology & Head Neck Radiology**
- **Keynote Talk:** Machine Learning in Neuroradiology (artificial intelligence), Several Essential Topics including a Symposium on Advanced Imaging, Focused Case Based Workshops: Interactive with Attendees
- **Grand Quiz:** Winner(s) to receive a cheque of \$1500.00 from ISNR-ABCNR\*\*
- **Social Events:** Giving all Attendees a chance to interact with Invited Faculty
- **CME CREDITS BY DMC (31.45 hours) / Royal College of Radiologist (33 CPD hours) (UK)**

We invite you to join hands with us to this Academic feast.

## Thanks n regards

Dr. Shailesh B Gaikwad  
Professor & Head,  
Department of Neuroimaging and Interventional Neuroradiology,  
AIIMS, New Delhi  
Organizing secretary, ISNR 2018

## Conference Secretariat:

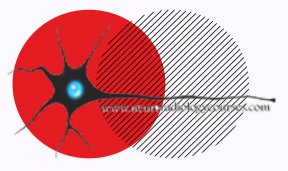
Room No 10B, GF,  
Department of Neuroimaging and Intervention Neuroradiology,  
CN Centre, AIIMS, Delhi, India – 110029

**Query:** Visit our website for details: [www.isnr2018.com](http://www.isnr2018.com)

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# ISNR 2018/ABCNR



20<sup>th</sup> Annual Conference of Indian Society of Neuroradiology in collaboration with  
 "The American British Course in Neuroradiology" (ABCNR) & Department of Neuroimaging and Interventional Neuroradiology, AIIMS, New Delhi - 110029 (INDIA)  
 27<sup>th</sup> - 30<sup>th</sup> September, 2018, "The Lalit", Connaught Place, New Delhi (INDIA)

**!!!! SWAGATAM !!!!**

Dear Colleagues,

On behalf of the organizing committee, I wish to inform you that the Founding members of "Indian Society of Neuroradiology", in collaboration with "Department of Neuroimaging and Interventional Neuroradiology, AIIMS, New Delhi" & "The American British Course in Neuroradiology (ABCNR)" and other leading teaching institutes both in public and private sectors in Delhi are organizing its 20<sup>th</sup> Annual Conference from 27<sup>th</sup> to 30<sup>th</sup> September, 2018, at "The Lalit", New Delhi, India.

A "Grand Quiz" will be conducted by Quiz Master, Dr. Fatterpekar on the final day of September 30<sup>th</sup>. 4 teams, each representing a Medical School will take part. Each team will be represented by two residents. Winning team member / members will receive a cheque from ISNR - ABCNR of \$1500.00 on the condition they visit RSNA, Chicago in November / December 2019. It will be expected that the winning team will submit at least 2 Abstracts to the RSNA meeting. Guidance for the same will be provided by Dr. Fatterpekar. In the event more than 4 teams provide names for the "Grand Quiz" an elimination round of 20 Spot Cases will be conducted on day3 (Sept. 29). The top 4 teams will then be selected for the "Grand Quiz".

We are looking forward to your participation in this meeting and request you to assist us in this noble task.

**Target Participants** : Radiologist, Neuroradiologist, Neurologist, Neurosurgeons, Neuroanesthetist, Interventional Cardiologist, Interventional Neuroradiologist and Interventional Radiologist.



**Organizing Secretary**

Dr. Shailesh B Gaikwad



**Organizing Chairman**

Dr. Harsh Mahajan

**Patrons**

Prof. Randeep Guleria, Director, AIIMS | Prof. R. K. Goulatia, Former H.O.D. Department of Neuroradiology, AIIMS  
 Prof. N. K. Mishra, Former Head & Chief of Neurosciences Centre, AIIMS | Prof. K. Prasad, Chief CNC, AIIMS

**Treasurer**

Dr. Joseph Leve

**Jt. Organizing Secretary**

Dr. Anuj Prabhakar

**International Faculty**



Dr. Mauricio Castillo, USA



Dr. Rene Chapot, Essen, Germany



Dr. Michel Pötin, France



Dr. Iris Grunwald, UK



Dr. Gyula Gal, Denmark



Dr. Adnan Siddiqui, Buffalo, USA



Dr. S M Lamin, UK



Dr. Ata Siddiqui, UK



Dr. Kshitij Mankad, UK



Dr. Hemant Sonwalkar, UK



Dr. Girish Fatterpekar, NY, USA



Dr. Tufail Patankar, UK



Dr. Leonardo M Vedolin,  
Sao Paulo, Brazil



Dr. Gaurav Saigal, USA

**ISNR Office Bearers**

**President** : Dr. Paramjeet Singh, **Vice President** : Dr. Harsh Rastogi, **Secretary** : Dr. Ajay Garg, **Joint Secretary** : Dr. Ajay Kumar, **Treasurer** : Dr. Leve Joseph

**Executive Committee Members**

Dr. Rohtas Yadav | Dr. Kapilamoorthy TR | Dr. Vivek Gupta | Dr. Bejoy Thomas | Dr. Sunithi Mani | Dr. Rose Dawn

**Advisory Board**

Dr. R.K Gupta, Dr. R.V. Phadke, Dr. Sanjeev Handique, Dr. Keshava Das, Dr. Uday Limaye, Dr. Nirod Medhi, Dr. Mathew Cherian, Dr. N. Shyam Kumar,  
 Dr. N. Khandelwal, Dr. Sunil Kumar, Dr. N. Chidambaranathan, Dr. Shrinivas Desai, Dr. C. Daniela, Dr. Santhosh Joseph, Dr. Vipul Gupta, Dr. Murali.K, Dr. Sukalyan P.

**Program Highlights**

\* Featured talks by some of the Best Neurointerventionalist in the World : Tackling MCA Bifurcation Aneurysms, Transvenous AVM Rx & State-of-the Art Mechanical Thrombectomy.

\* Workshops : How I DO it, Hands -on-Training on Newer Devices.

**Grand Quiz**

\* Winner(s) to receive a Cheque of \$1500.00 from ISNR-ABCNR\*

**Social Events**

\* Giving all Attendees a Chance to Network with Invited Faculty

**Diagnostic Neuroradiology & Head Neck Radiology**

\* Keynote Talk : Machine Learning in Neuroradiology.

\* Several essential topics including a Symposium on Advanced Imaging.

\* Focused Case Based Workshops : Interactive with Attendees

**Royal College of Radiologists (UK) : 33 CPD credits**

**CME Credits by DMC : 31.45 credit hours**

**SCIENTIFIC AGENDA**

**Neuroimaging**

- Brain / Spinal Tumors
- Cranio - Spinal Infections
- Inflammatory Diseases
- Congenital Malformation : Brain & Spinal
- Vascular Pathologies
- Degenerative Diseases
- Inborn Errors of Metabolism

- Head & Neck
- Cranial Nerves
- Functional Neuroimaging
- Epilepsy
- Trauma
- Demyelinating Diseases / Leukodystrophy

**Neurointervention**

- Aneurysms
- AVMs
- AVFs
- DAVFs
- CCFs
- Spinal Vascular Malformations

- Flow Diverters
- Vasospasm
- Recent Advances
- Carotid Revascularization Procedures

**Parallel Sessions**

**Day 1**

Focused Case Base Neuroimaging Workshop:Interactive with Attendees  
 How do I coil brain aneurysm  
 How do I treat brain AVM  
 Balloon / Stent assisted coiling workshops

**Day 2**

Focused Case Base Neuroimaging Workshop:Interactive with Attendees  
 Pulse Rider workshop  
 Pconus workshop  
 Flow diverter workshop : Surpass / P64 / Pipeline

**Conference Secretariat : Prof. Shailesh B Gaikwad**

Room No : 10-B, G.F., Deptt. of Neuroimaging & Interventional Neuroradiology, CN Centre, AIIMS, New Delhi - 110029

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## **ISNR-ABCNR Program** 27th-30th September 2018

**“The Lalit”, Connaught Place, New Delhi, India**



[www.isnr2018.com](http://www.isnr2018.com)

[www.neuroradiologycourses.com](http://www.neuroradiologycourses.com)

*Joint scientific meeting of the Indian Society of Neuroradiology and The American British Course in Neuroradiology, in collaboration with Department of Neuroimaging & Interventional Neuroradiology, AIIMS*

### **Course objectives**

- *To provide world class training in Neuroradiology in India*
- *To update residents and practitioners in all diagnostic and interventional aspects*
  - *To establish strong academic partnerships for the future*
  - *To create a knowledge sharing and enhancing platform*
  - *To bring internationally acclaimed teachers to India*

### **CPD/CME**

**33 category CPD credits are being awarded by the organizing committee of the ABCNR, UK in line with the Royal College of Radiologists, UK guidelines as per the Continuing Professional Development Scheme.**

**31.45 credit hours granted by the Delhi Medical Council.**

## Schedule

Day 1, 27<sup>th</sup> September

### **SESSION 1: Paediatric Neuroradiology (Chairpersons: Dr Anju Garg, Dr Ata Siddiqui)**

08:00-08:25 Brain malformations: a simplified approach	Kshitij Mankad
08:25-08:50 Inherited metabolic disorders: a pattern recognition	Leonardo M Vedolin
08:50-09:15 Childhood demyelinating disorders	Kshitij Mankad
09:15-09:40 Advanced neuroimaging in epilepsy	C Kesav Das

**09:40 - 10:00 Break & inauguration of trade exhibition**

### **SESSION 2: Adult brain tumours (Chairpersons: Prof Sneh Bhargava, Dr Harsh Mahajan)**

10:00-10:25 Integrating the new classification of tumours into practice	Girish Fatterpekar
10:25-10:50 Confounding issues in imaging of treated brain tumours	Mauricio Castillo
10:50-11:15 SWI: Utility in brain tumour imaging	Rakesh Gupta
11:15-11:40 Brain tumour mimics	Girish Fatterpekar

**Special session 'Looking through the crystal ball'**

11:40-12:15 **Keynote lecture (Chairperson: Prof NK Mishra)**

**The future of Neuroradiology in the machine learning age** Mauricio Castillo

12:15-13:00 **"Dr Prashant Shetty memorial oration (Chairs: Dr Paramjeet Singh, Dr Ajay Garg)**

**Aetiopathologies of stroke in India: A 30-year study** Shrinivas Desai

**13:00-13:45 Lunch break**

### **SESSION 3: Interventional- AVM (Chairpersons: Prof AK Gupta, Prof Sunil Kumar)**

13:45-14:10 Facial and extracranial AVM management	Sal Lamin
14:10-14:35 Dural AVF: Approach & impact of new embolic agents	Gyula Gal
14:35-15:00 Cranial Dural AVFs: Management strategy	Leve Joseph
15:00-15:25 How do I do it: Strategy for endovascular AVM treatment	Rene Chapot

**15:25-16:00 Coffee break**

### **SESSION 4: 16:00-18:00 Parallel case-based workshops: 4 workshops of 30 minutes each**

#### **DIAGNOSTIC (Hall A)**

Paediatric: Malformations	Kshitij Mankad
Head & Neck	Ata Siddiqui
Brain: Toxic/metabolic	Girish Fatterpekar
Mixed bag: Interesting Cases	Leonardo M Vedolin

#### **INTERVENTIONAL (Hall B)**

How do I coil aneurysms	H Sonwalkar / S Joseph
How do I treat brain AVMs	S Lamin / G Gal
Balloon/stent assisted coiling	R Chapot / M Pletin
How to do safe diagnostic cerebral angiogram	Ajay Kumar
Acute stroke intervention: stent retrievers/aspiration/Ace 68	Iris Grunwald

**Inauguration of the congress: 7pm**

**Welcome dinner: 8pm onwards**

Day 2, 28th September

7.00-8.00 Award Paper Presentation

8:00-8:25 Keynote lecture (Chairpersons: Dr Uday Limaye, Prof Rohtas Yadav)

**Ethical issues in Neurointervention**

Mathew Cherian

**SESSION 1: Adult brain (Chairs: Dr Girish Fatterpekar, Dr Inder Talwar, Dr MD Tariqul Islam)**

08:25-08:50 CNS vasculitis - A case-based review

Hemant Sonwalkar

08:50-09:15 Intracranial Infections

Anirudh Kohli

09:15-09:40 Adult white matter disorders

Mauricio Castillo

09:40-10:05 Neurologic disorders in pregnancy & postpartum

N Chidambaranathan

10.05-10.30 Phakomatoses: skin and beyond

Mauricio Castillo

10:30-10:55 Break

**SESSION 2: Stroke (Chairs: Prof RV Phadke, Dr MV Padma, Dr H Rastogi,)**

10:55-11:20 Time is Brain: DAWN and DIFFUSE 3 in Stroke treatment

Michel Piotin

11:20-11:45 Stroke and tandem lesions - An approach to management

Adnan Siddiqui

11:45-12.10 Optimizing thrombectomy to get the best first pass result

Michel Piotin

12:10-12:35 Mechanical thrombectomy in posterior circulation

Adnan Siddiqui

12:35-13:00 Carotid angioplasty & stenting: My challenging cases

Sukalyan Purkayastha

13:00-13:45 Lunch

**SESSION 3: Interventional - aneurysms (Chairs: Dr Tufail Patankar, Dr Subhash Kumar Dr M Chugh)**

13:45-14:10 Endovascular management of complex aneurysms

Rene Chapot

14:10-14.35 Stent strategies in management of wide neck aneurysm

Santhosh Joseph

14:35-15:00 Treatment of bleb/blister aneurysms

Uday Limaye

15:00-15:25 How do I best manage large / giant aneurysm

Sal Lamin

15:25-15:50 Treatment of partially thrombosed /fusiform aneurysm

Hemant Sonwalkar

15:50-16:00 Coffee break

**SESSION 4: 16:00-18:00 Parallel case-based workshops: 4 workshops of 30 minutes each**

**DIAGNOSTIC (Hall A)**

Temporal bone

Girish Fatterpekar

Brain Epilepsy

Ajay Garg

Brain Infections

Sanjeev Handique

Fetal & Neonatal

Ata Siddiqui / Kshitij Mankad

**INTERVENTIONAL (HALL B)**

Pulse Rider workshop

Tufail Patankar

Pconus workshop

Hemant Sonwalkar

Flow diverter: Surpass/P64/Pipeline flex/FRED

Adnan Siddiqui

WEB Device

Sal Lamin

**Executive committee meeting 7pm  
Faculty dinner at 8pm**

## Day 3, 29<sup>th</sup> September

### 7.00-8.00 Award Paper Presentation

#### **SESSION 1: Head & Neck (Chairpersons: Dr Veena Chowdhary, Dr Rama Anand)**

08:00-08:25 Nasopharyngeal cancer	Varsha Joshi
08:25-08:50 Hypopharyngeal and laryngeal cancer	Ata Siddiqui
08:50-09:15 Oral cavity and oropharyngeal cancer	Varsha Joshi
09:15-09:40 Paediatric neck: case-based review	Ata Siddiqui

#### **09:40-10:05 Keynote (Chairpersons: Dr C Daniela, Dr Michel Piotin)**

#### **Stroke for the diagnostic radiologist**

Tufail Patankar

#### **10:05-10:30 Coffee break**

#### **SESSION 2: Advanced interventions (Chairs: Dr Akash Handique, Dr Pushendra Khera, Dr. Sohan Singh)**

10:30-10:55 Surface Modified Stents	Sal Lamin
10:55-11:20 Intra saccular Flow Modification: does it work?	Gyula Gal Vs Tufail Patankar
11:20-11:45 Flow diversion in the Posterior Circulation	Michel Piotin
11:45-12:10 Complications with flow diversion and how to avoid them	Sal Lamin
12:10-12:45 Carotid stenting - hybrid technique/ newer stents	Iris Grunwald

#### **12:45-13:30 Lunch**

#### **SESSION 3: Advanced neuroimaging (Chairpersons: Dr RP Tripathi, Dr Kapilamoorthy TR, Dr. Sunil Puri)**

13.30-13.55 Spinal cord: anatomy/structure to connectivity & function	Ram Mohan
13.55-14.20 Radiogenomics in Neuroradiology	Leonardo M Vedolin
14:20-14:45 Functional MRI- how I do it and how I use it	Anuj Prabhakar
14:45-15:15 Diffusion MRI- applications and pitfalls	Sameer Vyas
15:15-15:40 DSC and DCE in Neuro/H&N	Girish Fatterpekar

#### **15:40-16:00 Coffee break**

#### **SESSION 4: Head & Neck- Cranial nerves (Chairs: Dr N Khandelwal, Dr Tariq A Gojwari)**

16:00-16:30 Imaging visual loss: more than meets the eye (CNII)	Ata Siddiqui
16:30-17:00 Imaging of diplopia (CNIII/IV/VI)	Hemant Sonwalkar
17:00-17:30 Imaging neuropathic facial pain and facial palsy (CNV/VII)	Ata Siddiqui
17:30-18:00 Imaging of hoarseness (CNIX-XI)	Kanika Sekhri

#### **18:00-20:00 ISNR general body meeting**

**Faculty dinner at 8pm**

## Day 4, 30th September

### **SESSION 2: Stroke & Vascular (Chairpersons: Dr Sanjiv Sharma, Dr Adnan Siddiqui, Dr Anil Taneja)**

08:00-08:25 Paediatric arterial ischaemic stroke	<i>Kshitij Mankad</i>
08:25-08:50 Head & Neck vascular malformations	<i>NK Shyam Kumar</i>
08:50-09:15 Vein of Galen Malformations	<i>Vivek Gupta</i>
09:15-09:40 Carotico-cavernous fistula	<i>Chirag Ahuja</i>
09:40-10:00 Spinal vascular malformations	<i>Shailesh B Gaikwad</i>

### **10:00-10:30 Coffee break**

### **SESSION 2: Spine (Chairpersons: Prof RK Gupta, Prof Sudhir Saxena)**

10:30-10:55 Myelitis and mimics	<i>Ata Siddiqui</i>
10:55-11:20 Spinal infections	<i>Sunithi Mani</i>
11:20-11:45 Spinal dysraphism	<i>Kshitij Mankad</i>
11:45-12:10 Spinal tumours: the common and not so common	<i>Mauricio Castillo</i>
12.10-12.35 Post-operative spine	<i>Hemant Sonwalkar</i>
12.35-13.00 Presentations by Trade	

### **13:00-13:45 Lunch**

### **SESSION 3: Advanced neuroimaging (Chairs: Dr TBS Buxi, Dr BB Thukral, Dr DS Dhiman)**

13:45-14:05 Myths, expectations & realities of AI in Neuroradiology	<i>V K Venugopal</i>
14:05-14:25 Dynamic functional connectivity	<i>Rose Dawn</i>
14:25-14:45 Anatomy of brainstem tracts and specific syndromes	<i>Paramjeet Singh</i>
14.45-15:05 Role of PET/MRI in Neuroradiology	<i>Gaurav Saigal</i>

### **15:05-15:30 Coffee break**

### **SESSION 4: The grand ABCNR jeopardy quiz**

15:30-17:00 Institutional teams of 3  
Quiz masters: Dr Fatterpekar and Dr Patankar

17.00-18.00 Valedictory function, prize announcement and vote of thanks

**Announcement of ISNR 2019 DATES**

**CLOSE**