



ABCNR 2019

In collaboration with CMC Vellore, India
11 & 12th October, CMC Vellore



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Annual American British Course in Neuroradiology 2019, *in collaboration with* **Department of Radiology,** **Christian Medical College, Vellore, India**

Course objectives

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

Register now!

<http://cmcvelleroradiology.org/abcnr2019/abcnr2019-registration.php>

CPD/CME

*Royal College of Radiologists, UK CPD credits as per the CPD Scheme.
Medical Council of India credit hours will be applied for.*

11th October

Hall A

08:45 *Introduction and overview*

Session 1- Basics

09:00	Myelination: normal and abnormal	<i>Dr. Kshitij Mankad</i>
09:20	Foetal Neuroimaging: an overview	<i>Dr. Karuna Shekdar</i>
09:40	When embryology goes wrong: brain	<i>Dr. Ata Siddiqui</i>
10:00	When embryology goes wrong: spine	<i>Dr. Kshitij Mankad</i>
10:20	Cross sectional anatomy: Improving reporting	<i>Dr. Thomas Mammen</i>

10:40 *Tea/coffee*

Session 2 – Oncology

11:00	Adult brain tumours- update on radiomics	<i>Dr. Girish Fatterpekar</i>
11:20	Paediatric brain tumours- update on radiomics	<i>Dr. Kshitij Mankad</i>
11:40	Tumour mimics	<i>Dr. Girish Fatterpekar</i>
12:00	Head & Neck tumors: TNM updates	<i>Dr. Ata Siddiqui</i>
12:20	Approach to spinal tumours	<i>Dr. Tushar Chandra</i>

12:40 *Lunch*

Session 3 - Patterns

13:30	Neurometabolic disorders in children	<i>Dr. Kshitij Mankad</i>
13:50	White matter lesions: a radiologists' guide	<i>Dr. Girish Fatterpekar</i>
14:10	Basal ganglia disorders	<i>Dr. Kshitij Mankad</i>
14:30	Adult leukodystrophies	<i>Dr. Sunithi Mani</i>
14:50	Cerebellar atrophy: an approach	<i>Dr. Sniya Sudhakar</i>

15:10 *Tea/coffee*

Session 4 - Head & Neck

15:30	Applied anatomy of neck spaces	<i>Dr. Ata Siddiqui</i>
15:50	Head & Neck emergencies	<i>Dr. Girish Fatterpekar</i>
16:10	Sinonasal imaging: CT	<i>Dr. Aparna Irodi</i>
16:30	Sinonasal imaging: MRI	<i>Dr. Ata Siddiqui</i>
16:50	Skull base lesions: an overview	<i>Dr. Tushar Chandra</i>

11th October

Hall B

08:45 *Introduction and overview*

Parallel INR session 1 – Stroke (9:00 - 12:40)

- Clinical and imaging workup: what a radiologist should know *Dr. Hemant Sonwalkar*
- Mechanical thrombectomy strategies and devices *Dr. Tufail Patankar / Dr. Ian Rennie*
- Failure and complications during mechanical thrombectomy *Dr. Tufail Patankar / Dr. Siddhartha Wuppalapati*
- Imaging strategies for hyper acute stroke *Dr. Hemant Sonwalkar / Dr. Naga Kandasamy*
- Mechanical thrombectomy in India *Dr. Vinu Moses*
- Carotid stenting *Dr. Tufail Patankar*
- Case discussion *Dr. Thomas Mammen*

12:40 *Lunch*

Parallel INR session 2 – AVM (13:30-16:50)

- EVT of brain AVMs – strategies to improve cure of AVM's *Dr. Hemant Sonwalkar / Dr. Siddhartha Wuppalapati*
- CCF: diagnosis and management *Dr. Tufail Patankar / Dr. Hemant Sonwalkar*
- Dural fistula strategies for cure *Dr. Hemant Sonwalkar / Dr. Siddhartha Wuppalapati*
- Management of craniofacial vascular anomalies *Dr. Shyamkumar N Keshava*
- What to do when detachable catheter gets stuck in embolisation & how to avoid *Dr. Siddhartha Wuppalapati / Dr. Tufail Patankar*

12th October

Hall A

Session 1 – Small parts

09:00	Orbital imaging	<i>Dr. Ata Siddiqui</i>
09:20	Imaging of the pituitary	<i>Dr. Girish Fatterpekar</i>
09:40	Temporal bone: inner ear	<i>Dr. Sniya Sudhakar</i>
10:00	Temporal bone: external and middle ear	<i>Dr. Madhavi K</i>
10:20	Imaging in Neuralgia	<i>Dr. Ata Siddiqui</i>

10:40 Tea/coffee

Session 2 - Approaches

11:00	Brachial plexopathies	<i>Dr. Jyoti Panwar</i>
11:20	Stroke: typical and atypical	<i>Dr. Sunithi Mani</i>
11:40	Epilepsy	<i>Dr. Kshitij Mankad</i>
12:00	Neonatal encephalopathy	<i>Dr. Sniya Sudhakar</i>
12:20	CSF leaks and intracranial hypotension	<i>Dr. Anita Jasper</i>

12:40 Lunch

Session 3 – Infection / inflammation

13:30	Neuroinfections: what is new	<i>Dr. Pavithra Mannam</i>
13:50	Vasculitis	<i>Dr. Karuna Shekdar</i>
14:10	Myelitis and mimics	<i>Dr. Girish Fatterpekar</i>
14:30	Paediatric demyelinating disorders	<i>Dr. Kshitij Mankad</i>
14:50	Spinal infection	<i>Dr. Harshad Vanjare</i>

15:10 Tea/coffee

Session 4 - Advanced Neuroimaging

15:30	MR perfusion / permeability	<i>Dr. Girish Fatterpekar</i>
15:50	Vessel wall imaging	<i>Dr. Bernice Tamarai</i>
16:10	DWI & SWI	<i>Dr. Tushar Chandra</i>
16:30	MR Spectroscopy	<i>Dr. Karuna Shekdar</i>
16:50	Functional MRI	<i>Dr. Tushar Chandra</i>

12th October

Hall B

Parallel INR session 1- ANEURYSM (09:00 to 10:40)

- Endovascular treatment of bifurcation aneurysm *Dr. Hemant Sonwalkar / Dr. Naga Kandasamy*
- Newer technologies for bifurcation aneurysm treatment *Dr. Tufail Patankar / Dr. Hemant Sonwalkar*
- Bleb blister aneurysms *Dr. Siddhartha Wuppalapati*
- Giant aneurysm *Dr. Hemant Sonwalkar*
- Flow diversion in sidewall aneurysm - which flow diverter? *Dr. Ian Rennie / Dr. Naga Kandasamy*
- Interactive case discussions

10:40 Tea/coffee

Parallel INR session 2 – ANEURYSM (Complications and device failure management)

11:00 to 12:40

- What to do when the coil does not detach? *Dr. Siddhartha Wuppalapati / Dr. Naga Kandasamy*
- What to do when aneurysm ruptures during coiling? *Dr. Tufail Patankar / Dr. Ian Rennie*
- What to do when stent / flow diverter does not open completely? *Dr. Ian Rennie / Dr. Naga Kandasamy*
- Balloon occlusion test before parent artery occlusion *Dr. Hemant Sonwalkar / Dr. Ian Rennie*
- Interactive case discussions

12:40 Lunch

Parallel INR session 3 – Mixed (13:30-16:50)

- Preoperative embolisation of meningioma *Dr. Aswin Padmanabhan / Dr. Hemant Sonwalkar*
- Sinus pericranii – endovascular management *Dr. Siddhartha Wuppalapati*
- Technical notes / advances: Pressure cooker technique for AVM *Dr. Siddhartha Wuppalapati / Dr. Ian Rennie*
- Venous side clot aspiration / thrombolysis *Dr. Munawwar Ahmed*
- Spinal AVMs - relevant anatomy, principles of treatment *Dr. Siddhartha Wuppalapati*
- Management of vertebral hemangioma *Dr. Shyamkumar N Keshava*
- Interactive case discussions

Faculty

International

- Dr. Tufail Patankar, Leeds
- Dr. Girish Fatterpekar, New York
- Dr. Hemant Sonwalkar, Preston
- Dr. Kshitij Mankad, London
- Dr. Ata Siddiqui, London
- Dr. Thomas Mammen, Canada
- Dr. Ian Rennie, Belfast
- Dr. Naga Kandasamy, London
- Dr. Siddhartha Wuppalapati, Preston
- Dr. Sniya Sudhakar, London
- Dr. Sunithi Mani, Brunei
- Dr. Tushar Chandra, Florida
- Dr. Karuna Shekdar, Philadelphia

CMC Vellore

- Dr. Shyamkumar N Keshava
- Dr. Aparna Irodi
- Dr. Jyoti Panwar
- Dr. Vinu Moses
- Dr. Munawwar Ahmed
- Dr. Anitha Jasper
- Dr. Madhavi
- Dr. Pavithra Mannam
- Dr. Harshad Vanjare
- Dr. Aswin Padmanabhan
- Dr. Bernice Tamarai