

APVIC Interventional Nephrology Symposium

Who should attend

1. Nephrologists
2. Cardiologists
3. Radiologists
4. Vascular Surgeons

Course content

- Role of renal replacement therapy in cardiorenal syndrome
- Biomarkers and early detection and treatment of contrast induced nephropathy
- Scope of Interventions in Patients of End Stage Renal Disease
- Tips & Tricks: Interventions for hemodialysis access
- Tips and Tricks for Central Vein Occlusions
- Interventions in Patients of Renal Transplant :
 1. Stenosis @ Anastamotic site
 2. Severe Atherosclerosis in recipient arterial bed
 3. Transjugular Renal Biopsy
 4. Iatrogenic Renal AV Fistual and Renal Bleed
 5. Tips and Tricks of Putting Tunnel Dialysis Catheter

Course Directors

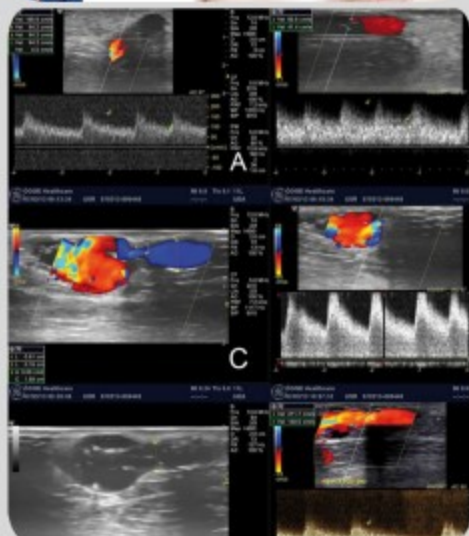
Dr Vivekanand Jha
Dr Vijay Kher

Dr N N Khanna
Dr Sanjiv Jasuja

Faculty

Dr Ashok Sarin
Dr Sanjiv Saxena
Dr Dinesh Khullar

Dr Gaurav Sagar
Dr D K Agarwal
Dr Akhil Mishra



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

30 JUNE 2019
1150-1320 Hrs

APVS Technicians / Nurses Programme

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Course content

- Overview of Peripheral Vascular Interventions
- Radiation Hazards and ways to protect them
- Protection from Sharp Injuries in Cathlab
- Sterilization Protocols in Cathlab
- Anatomy of Peripheral Vasculature
- Selection of Hardware
- Risk Stratification and Management of CIN
- Rota, IVUS and RF Workshop

Course Directors

Ms Usha Banerjee, **India**
Dr N N Khanna, **India**
Dr D. Wulan Anggrahini, **Indonesia**
Dr Jasmeet Sahni, **India**
Dr Michel Henry, **Luxembourg**
Dr T J Collins, **USA**
Mr Saji Oommen, **India**



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



CT & MR Workshop

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Course Content

- Learn the basic planning and interpretation of Coronary & Vascular CT & MR Imaging

Key Learning

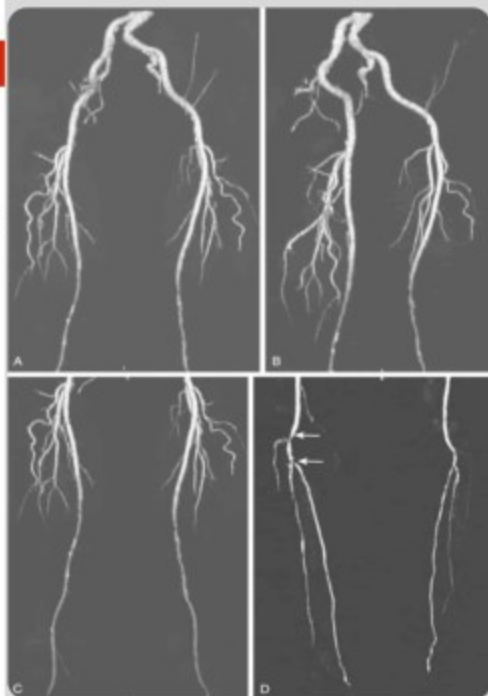
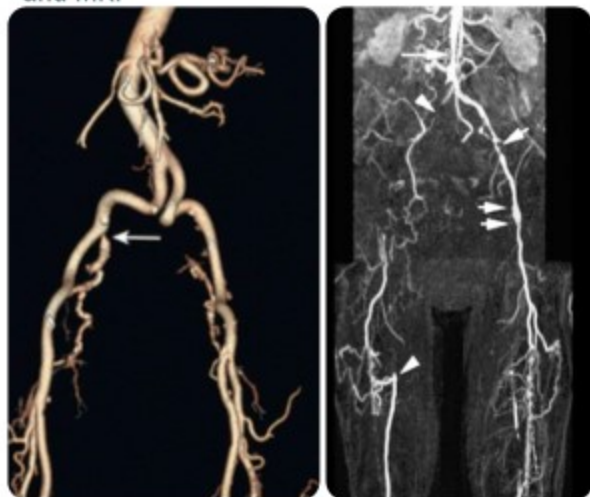
- After this, one would be confident enough to interpret and report Coronary and Vascular CT and MRI

Course Directors

- Dr Harsh Mahajan, India
Dr Punit Sethi, India
Dr N N Khanna, India

Faculty

- Dr Kyaw Soe Win, Myanmar
Dr M L Bera, India
Dr Sandeep Vohra, India
Dr Mona Bhatia, India



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

29 JUNE 2019
1720-1820 Hrs

Hands on training on EVAR and TEVAR devices and procedures

Who should attend

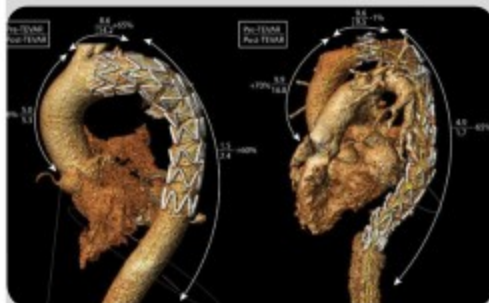
1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Course content

- Overview of Interventions for Aortic Aneurysm
- Patient selection: Indications & Contraindications
- Imaging in EVAR, TEVAR: Pre & Post procedure Evaluation
- Step by Step Approach
- Access site, requirements & complications
- Technical difficulties and limitations during EVAR & TEVAR procedures
- Limitations
- Follow-up after device implantation

Course Directors

Dr Saroj Das,
UK
Dr Tulio Navarro
Brazil
Dr Amit Chaurasia
India
Dr George Joseph
India



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



Intravascular Ultrasound (IVUS) in Deep Venous Interventions Course

Who should attend

1. Cardiologists
2. Podiatrists
3. Radiologists
4. Vascular Surgeons
5. Technicians/ Sonographers
6. Nurse Aids/ Physician Assistants

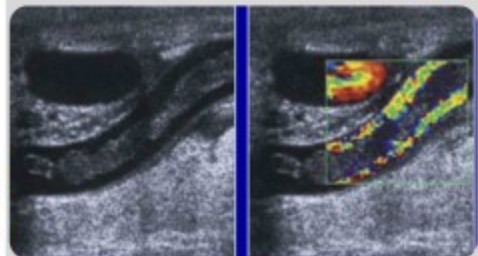
Course content

- Principles and need for IVUS in venous interventions
- Understanding normal and aberrant IVUS venous anatomy
- IVUS in iliac vein compression syndrome
- IVUS in post thrombotic limbs
- IVUS in acute deep venous thrombosis
- IVUS protocol for iliac vein stenting
- IVUS in innominate and SVC disease
- Iliac vein stent sizing and stent choices with IVUS
- Reporting an iliac venous IVUS

Course Directors

Dr Sriram Narayanan
Vascular Surgeon,
The Harley Street Heart and Vascular Centre,
Singapore

Dr N N Khanna
Interventional Cardiologist & Vascular
Interventionalist,
Indraprastha Apollo Hospital,
New Delhi, India



In Collaboration With..

THE HARLEY STREET
HEART & VASCULAR CENTRE
Singapore

PHILIPS
VOLCANO

ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

29 JUNE 2019
1720-1820 Hrs

Workshop Of Intravascular Ultrasound, OCT And Rota Ablation

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Aim

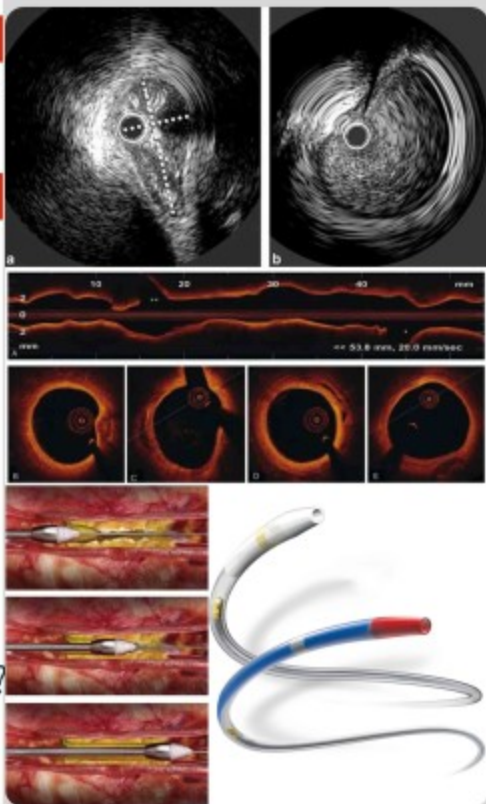
- Learn to do and interpret IVUS, OCT and perform Rota Ablation

Course content

- Overview for the importance of Imaging-guided vascular intervention and the need for Rota Ablation in CTO
- Principles of IVUS & OCT: Basic concepts, equipment and overview
- Principles of IVUS & OCT: Coronary and vascular, pathology and image interpretation
- Virtual Histology: Is there a role in clinical decision making?
- Assessment of Ischemia reducing lesions by IVUS
- Limitations of IVUS & OCT: What it doesn't show?

Course Directors

Dr Sriram Narayanan
Singapore
Dr N N Khanna
India



 **Abbott**
Vascular

Boston
Scientific

ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

29 JUNE 2019
1600-1800 Hrs

Learning Hands on Ultrasound Guided arterial and venous punctures

Who should attend

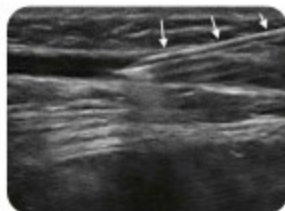
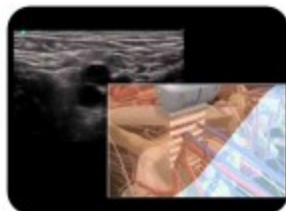
1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Course content

- Basic principle for arterial & venous puncture
- USG imaging on arterial & venous access
- Arterial Puncture sites: Carotid, Axillary, Brachial, Radial, Popliteal, Tibial, Pedal
- Venous Puncture sites: Intra-Jugular, Subclavian, Femoral, Popliteal, Perforator
- Technical difficulties & complications
- Needle & sheath selection and sizing

Course Directors

Dr Obiora Ajuluchukwu, **Nigeria**
Dr Ravul Jindal, **India**
Dr Saroj Das, **UK**



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

29 JUNE 2019
1000 -1040 Hrs

MFM Workshop

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Aim

- To learn concept & techniques for the management of arterial pathologies using multilayer flow modulator

Course content

- Overview of MFM to Management various arterial pathologies
- MFM for Aortic diseases
- MFM for PAD
- MFM for Renal and iliac aneurysm
- Patients selection, Indication, Contraindication and limitation
- Pre-procedural preparation and imaging evaluation
- Discussion of upcoming MFM devices



Course Directors

- Dr Michel Henry
Luxembourg
- Dr Amira Benjelloun
Morocco
- Mr N. Frid
Belgium
- Mr Vinothan Kavilae
India
- Mr Boubker Ait Brik
Belgium



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



Workshop on Office Based Vein Practice

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

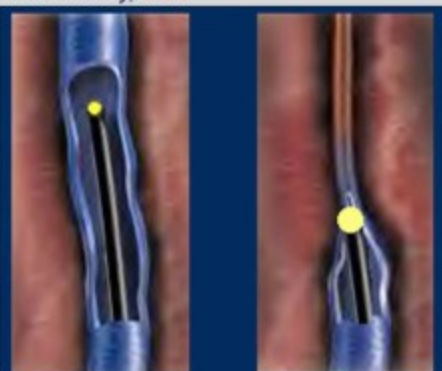
Course content

- How to build up a Vein Practice
- Duplex imaging in Venous Practice
- How do i do it : Step by Step
- Comprehensive review of various treatments available for Varicose Veins
- A Stepby Step technique of doing:
 - a) Endovenous laser therapy for Varicose Vein
 - b) Radiofrequency Ablation
 - c) Foam Sclerotherapy



Course Directors

- Dr Saroj Das, UK
Dr Bruno Nastasie, France
Dr Amira Benjelloun, Morocco
Dr N N Khanna, India
Dr Ravul Jindal, India
Dr M V Reddy, India



Laser Inserted

Laser Withdrawn



before EVLT

after EVLT

ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



Inaugural Course in Duplex Ultrasonography in Pelvic Congestion Syndrome

Who should attend

1. Cardiologists
2. Gynecologist
3. Radiologists
4. Vascular Surgeons
5. Technicians/ Sonographers
6. Nurse Aids/ Physician Assistants

Course content

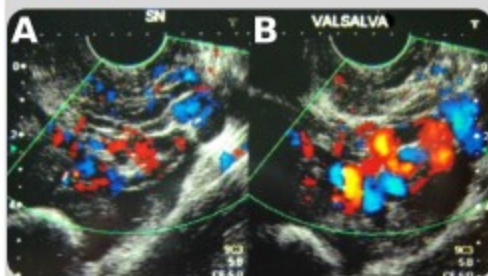
- Understanding pelvic ultrasound anatomy
- Understanding normal colour doppler and spectral waveforms
- Identify abnormal spectral and doppler findings in cases of pelvic venous incompetence
- Ultrasound duplex findings in nutcracker syndrome
- Ultrasound diagnosis of iliac vein compression
- Understanding ultrasound diagnostic parameters for PCS
- Live simulated ultrasound demonstration on assessment for PCS—transabdominal and transvaginal

Course Directors

Dr Sriram Narayanan
Vascular Surgeon,
The Harley Street Heart and Vascular Centre,
Singapore

Ms Yee Jia Ng
Senior Vascular Sonographer

Dr N N Khanna
Interventional Cardiologist & Vascular
Interventionalist,
Indraprastha Apollo Hospital,
New Delhi, India



In Collaboration With..

THE HARLEY STREET
HEART & VASCULAR CENTRE
Singapore

PHILIPS
VOLCANO

ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

29 JUNE 2019
1040-1120 Hrs

Podiatry Workshop

Who should attend

1. Endocrinologists
2. Physicians
3. Cardiologists
4. Vascular Surgeons
5. Technicians/ Sonographers
6. Nurse Aids/ Physician Assistants

Course content

- The Non-invasive assessment of people with suspected PAD / CLI (CV risks, symptoms, pulses, doppler, ABPI, TBPI)
- Raising awareness of modifiable risks, discussing prognosis and negotiating a risk-reducing plan with diabetic foot ulcer patients
- Current techniques for management of the Ischaemic Diabetic Foot - Role of HBOT & supplementary modalities



Course Directors

Dr Jayesh Kakar, **India**
Dr Tulio Navarro, **Brazil**
Dr A P S Suri, **India**
Dr Tarun Sahni, **India**
Dr Ajay Sinha, **India**
Dr Mohd Asim Siddique, **India**
Dr Rumneek Sodhi, **India**



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

28 JUNE 2019
1730-1930 Hrs

Workshop on Duplex Scanning in Peripheral Vascular Disease

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Aim

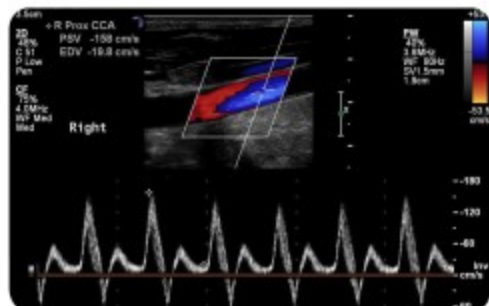
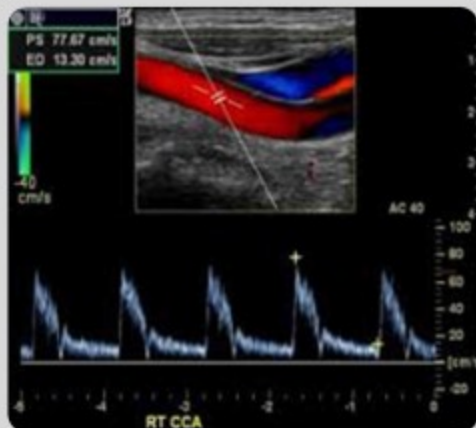
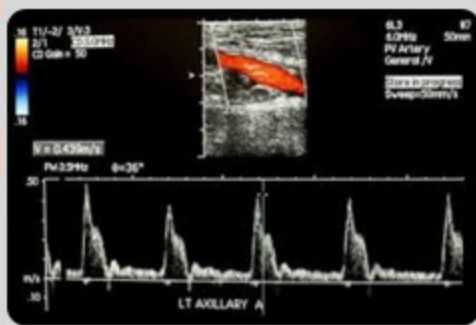
- Aim: To diagnose Peripheral Arterial and Venous Disorders and plan appropriate management

Course content

- Overview of duplex scanning for diagnosis of PVD
- Basic principle of Duplex Ultrasound in PVD
- Steps of doing Basic and Advanced Duplex Scanning in Peripheral Arterial and Venous Diseases
- Demonstration and Hands-on training on 3 state-of-art ECHO Machines

Course Directors

- Dr K K Kapur, **India**
Dr Rakesh Gupta, **India**
Dr Rakesh Jalota, **India**



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



Inaugural Course in Renal Duplex Ultrasonography in Refractory Hypertension

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Course content

- Understanding renovascular ultrasound anatomy
- Understanding normal colour doppler and spectral waveforms
- Identify abnormal renal spectral and doppler findings in cases of renovascular hypertension
- Renovascular duplex ultrasound indices - clinical significance
- Clinical decision making following abnormal renal duplex Ultrasound - renal artery stenting, renal nerve denervation ACE inhibition
- Peri-procedural management after renovascular interventions

Course Directors

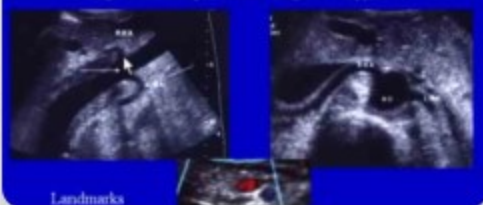
Dr Sriram Narayanan
Vascular Surgeon,
The Harley Street Heart and Vascular Centre,
Singapore

Ms Yee Jia Ng
Senior Vascular Sonographer

Dr N N Khanna
Interventional Cardiologist & Vascular
Interventionalist,
Indraprastha Apollo Hospital,
New Delhi, India

Renal Artery Duplex Scan

Image from multiple views / image vs. Doppler



In Collaboration With..

THE HARLEY STREET
HEART & VASCULAR CENTRE
Singapore

PHILIPS

VOLCANO

ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



Screening of Radiation Induced Cataracts

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants
6. Healthcare professional exposed to radiations

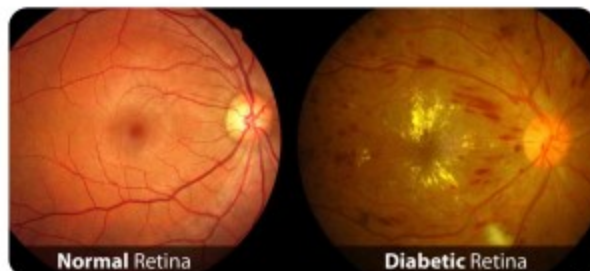
Objectives

- To screen Healthcare professional exposed to radiations for:

1. Radiation Induced Eye Disorders
2. Cataract
3. Retinopathy

Course Directors

Dr Arun Sethi, **India**
Dr Reena Sethi, **India**
Dr Claes Feinbaum, **Sweden**



Normal Retina

Diabetic Retina



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



WORKSHOP

29 JUNE 2019
1000-1400 Hrs

Simulation Workshop for Peripheral Interventions

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Course Directors

Dr N N Khanna, **India**
Dr Michel Henry, **Luxembourg**
Dr Saroj Das, **UK**
Mr Gurvinder Bagga, **India**
Mr Sumit Kumar, **India**
Mr Sankalp Bajpai, **India**

Course content

- Learn about simple and complex Carotid Artery Stenting, Renal, Aortoiliac, SFA & BTK stenting
- Understanding of the anatomy, complexity of the lesion, choosing hardware and in doing simple cases of carotid, Renal, Aortoiliac, SFA & BTK stenting
- Proctored hands-on training on simulators for:
 - a) Simple and complex Carotid Artery Stenting
 - b) Renal stenting
 - c) Aortoiliac stenting
 - d) SFA & BTK stenting



Boston
Scientific

Abbott
Vascular

ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India



Vascular Access - Device Closure Workshop

Who should attend

1. Cardiologists
2. Radiologists
3. Vascular Surgeons
4. Technicians/ Sonographers
5. Nurse Aids/ Physician Assistants

Aim

- Aim: To access closures using devices such as Proglide, Angioseal, Prostar and Mynx

Course content

- Indication for vascular access-closure using device puncture site following sheath removal
- Complications arises from improper bleeding control following sheath removal
- Vascular access closure devices: types, advantages and disadvantages



 **Abbott**
Vascular

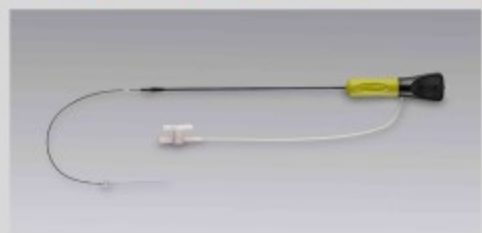
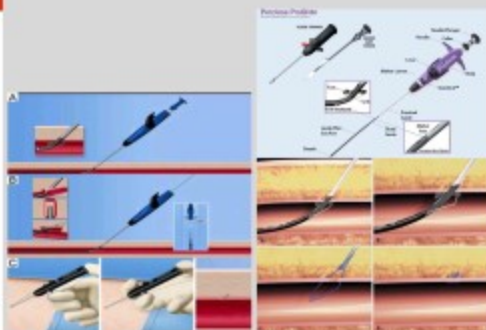
Course Directors

Dr Tyrone J Collins **USA**

Dr Virender Sheorain, **India**

Mr Sumit Kumar, **India**

Mr Sarfaraz Mehdi, **India**



ASIA PACIFIC VASCULAR INTERVENTION COURSE

Hotel Taj Diplomatic Enclave, New Delhi, India

