



VEINS  
INDIA VEINS

INDIA VEINS MEETING

March 29<sup>th</sup> - 30<sup>th</sup>, 2025

Auditorium, Indraprastha Apollo Hospital, New Delhi, India

## **Course Directors**



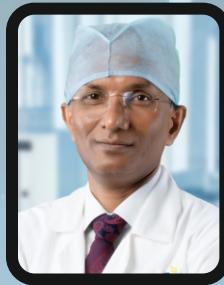
**N N Khanna**  
India



**Shoaib Padaria**  
India



**Ravul Jindal**  
India



**B C Srinivas**  
India

## **Organising Chairman**

**Dr. (Prof.) N N Khanna**

## **Organising Secretary**

**Dr. Gaurav Gupta**

## **Invited Eminent Faculty**

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Dr. Ajay Kaul  
Dr. Akash Vijay  
Dr. Anil Dhall  
Dr. Anumeet Bagga  
Dr. Ashok Sarin  
Dr. Asit Khanna  
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Dr. Preeti Gupta  
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Dr. Rajeev Lochan  
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Dr. Rajiv Parakh  
Dr. Ravul Jindal  
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Dr. S N Pathak  
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Dr. Swati Singh  
Dr. T J Collins  
Dr. Tarun Grover  
Dr. Thabish Syed  
Dr. Ujjwal Agarwal  
Dr. Vinay Krishna  
Dr. Vipul Roy  
Dr. Yash Paul Sharma  
Dr. Zoltan Ruzsa

# India Veins

Dear Colleagues,

The India Veins is a 2 days course which aims to provide in-depth review of current practices, knowledge and experience for evaluation and management of patients with complex Venous diseases through interdisciplinary discussions and novel endovascular techniques.

It is a comprehensive and interactive course, serving as a platform for exchange of knowledge of latest interventional techniques amongst the pioneers in the field of Endovascular Interventions. Live Case transmission from various centers and case based presentations will provide opportunity for extensive discussions. The Fellows Course encompasses a wide range of workshops including simulation based training, hands on sessions, Venous workshops, interaction with experts and an opportunity to learn as renowned experts from across the globe present challenging case reviews.

- Formed in 2022
- Society of Vascular Interventionalist, Cardiologists, Vascular and Cardiothoracic Surgeons, Vascular Physicians, Interventional Radiologists
- Collaborations with International & National Societies -
  - International Society of Endovascular Specialists, USA
  - Indian College of Cardiology
  - Endovascular Intervention Society of India
  - World Congress on Cardiac Imaging and Clinical Cardiology (WCCICC)

This year we have dedicated sessions as a part of 4th India Veins Meeting which is a offshoot of Asia Pacific Vascular Society academic activities. Some of the course highlights are :

- Dedicated Hands on Workshops
- A TO Z OF ENDOVASCULAR INTERVENTIONS - Patient selection, Choosing the right hardware, Basic techniques, Avoiding complications, Troubleshooting, Assessing results, and Follow-up
- FELLOWS COURSE - How to write a good manuscript for acceptance in American / indexed Journals, Hands on workshops on - Duplex Scanning, Challenging Cases & Post conference workshops, Interesting Angiograms, Comprehensive Revision Course
- GLOBAL EXCHANGE FORUM - Case based presentations - DVT lysis, PE intervention.
- VENOUS WORLD - Latest in the treatment of Venous Diseases & Pulmonary Embolism, Recurrent & Unprovoked DVT, Foam Sclerotherapy & EVLT update, Vascular Compression Syndromes, Interventions for AV access.
- NURSES & TECHNICIANS SESSION.
- Top Biomedical Engineers meet Top Vascular Interventionists of the world - To design the most appropriate Technology & Hardware.
- FELLOWS QUIZ

We look forward to welcoming you at the the iVeins Meeting from 29-30th March 2025 at Indraprastha Apollo Hospital, New Delhi, India.



**CHAIRMAN**



**Dr. (Prof.) N N Khanna**  
India



**Dr. (Prof.) Michel Henry**  
Luxembourg

**Dr. Jacques Busquet**  
France

## Patron's Message

### Dr. Naresh Trehan

Padma Bhushan  
Chairman & Managing Director, Medanta - The Medicity

His vision has embraced fellow cardiologists in the Asia Pacific segment and has succeeded in giving it a global identity - it is already an institution.

Many of his fellow members are from my own cradle, if I may say so; those from far beyond the borders of India deserve a special mention.



Kudos to you, N N, I am happy to be a part of your work,

Wishing you success after success.



### Dr. Devi Shetty

Padma Bhushan  
Past President, Association of Thoracic and Cardiovascular Surgeons of India  
Council Member Association of Thoracic and Cardiovascular Surgeons of Asia

It is heartening to note the progress made by the Asia Pacific Vascular Society. The integration of Vascular Interventionist, Interventional Cardiologists, Vascular and Cardio-Thoracic Surgeons Vascular Physicians and Interventional Radiologists under a common platform has resulted in a great flux of knowledge with the right blend of experience. No wonder the Asia Pacific Vascular Intervention courses are much sought after. Asia Pacific region is witnessing a significant shift in non-communicable disease patterns, a by product of lifestyle related disorders.

This is also a region inhabited by more than half of world's population. It is imperative that adequate training, mentioning and succession planning has to go into the area of Vascular Intervention to cope up with impending crisis in healthcare delivery.

APVS has taken steps and right direction to harmonize care, research and education and not limited by geographical boundaries. The wonderful work has to continue and that is possible only through centres of excellence identified and established across the region such that the fruits of research and training are disseminated and practiced around the year. The present efforts will see benefits at the grass root level, perhaps, a decade later.

The APVS leadership deserves applause for the commendable work they are carrying out. I wish APVS more achievements in the years to come.

## Patron's Message

Dr. (Prof.) M N Khanna



Over the years, Asia Pacific Vascular Society (APVS) has tried to achieve its original objectives, viz., continued appraisal, development and provision of a dedicated and complete vascular course and in particular, identifying the unsolved problems in the study of vascular diseases.

I feel privileged to be the patron of Asia Pacific Vascular Society and be associated with legendary members of the Society.

I have observed the workings of many societies and APVS remains in the forefront by taking initiatives in patient care, training, research, education and organizing a fast growing world class Scientific Meeting (Asia Pacific Vascular Intervention Course).

There has been a progressive surge in the number of applicants for this course.

It feels great to observe the growth of this Society and its collaboration with several prestigious Cardiac and Vascular Societies of the world. I would like to thank Dr. Michel Henry and Dr. N N Khanna, who have been the Pillars of this Society. My best wishes to the course chairman, international and national directors.

Dr. (Prof.) M N Khanna

Past President, Association of Thoracic and Cardiovascular Surgeons of India  
Council Member, Association of Thoracic and Cardiovascular Surgeons of Asia  
Fellow International Michel Dekey Society  
Founder Chairperson an Executive Council member of Association of  
Cardio Vascular Thoracic Surgeons of Asia

## Message



### Dr. Jacques Busquet France

As a chief, you have accomplished since at least two decades, your mission with much devotion, to give the best care in cardiovascular medicine to your patients in the world renowned Apollo Hospital, the Center of Excellence in New Delhi.

In this regard, you have introduced, with success, the newest and the most refined technologies approved and recognized by our community of vascular specialists.

In parallel, the APVIC Congress that you initiated in 2008 with your mentor, Dr Henry, at the time of the endovascular revolution, has now progressively become one of the biggest and most recognized endovascular event not only in your great area of influence but also at the worldwide level.

As founder, past-president and current international ambassador of the International Society of Endovascular Specialists (ISEVS-USA), I remember more than ten years ago, the introducing support that our society has brought around with Dr Diethrich followed by Drs Buckley, White, Criado, Reid, Petrov, Costache, Benjelloun, etc. This unconditional and continuous support, coming from US, Western and Eastern Europe including Maghreb, China and Africa, represents in my opinion, one of the greatest achievement of our Society. For these fundamental reasons, it is a real pleasure and a great honor, from now on, to announce our collaborative presence for your next Aorta in 2025.

**Dr Jacques Busquet**  
Paris, France

4<sup>TH</sup>



VEINS

# SCIENTIFIC PROGRAMME

# SCIENTIFIC PROGRAMME

Day - 1, 29<sup>th</sup> March 2025

0900 Hours

4<sup>TH</sup>

! VEINS

Session	Topic	Speaker
Session - 1	<b>Basic Anatomy</b>	
Chairperson / Moderator		
	<b>Basic Anatomy:</b> Overview of the venous system, types of veins (superficial, deep, and pulmonary), and their functions.	
	<b>Venous Physiology:</b> How veins transport blood, the role of valves in blood flow, and mechanisms involved in venous return to the heart.	
	<b>Differences between Veins and Arteries :</b> Structure, function, and how veins differ from arteries in terms of blood pressure and composition.	
Session - 2		
Chairperson / Moderator		
	<b>Physical Examination :</b> How to assess veins via visual inspection and palpation.	
	<b>Ultrasound and Duplex Imaging:</b> Use of non-invasive imaging to assess venous function and diagnose conditions like DVT or varicosities.	
	<b>Venography:</b> A more invasive procedure for mapping veins, typically used in certain complex cases.	
Session - 3	<b>The Global Burden of Venous Diseases: Challenges &amp; Opportunities</b>	
Chairperson / Moderator		
Session - 4	Overview of Venous Interventions which a Cardiologist should be doing	Prof. N N Khanna
Session - 5	Growth of Venous Interventions (an Emerging Speciality in Interventional Cardiology) in India - Role of Asia Pacific Vascular Society	Prof. N N Khanna

# SCIENTIFIC PROGRAMME

Day - 1, 29<sup>th</sup> March 2025

0900 Hours

4<sup>TH</sup>

! VEINS

Session - 6	VARICOSE VEINS AND CHRONIC VENOUS INSUFFICIENCY	
	INTERACTIVE WORKSHOPS	
	Hands-on demonstration of procedures	
o	<b>Workshop A :</b> Hands-on Venous Doppler Ultrasound Skills	
o	<b>Workshop B :</b> Ultrasound guided venous puncture and tumescent anesthesia	
o	<b>Workshop C :</b> Endo-Venous Laser Therapy (EVLT)	
-	Laser Physics: Importance of different laser wavelengths	Ravul Jindal
-	Live demonstration of Duplex Scanning for Venous Disease : Normal and Abnormal	Ambrish Satvik (India)
-	Basics of Endovenous LASER Treatment	Gulshanjeet Singh (India)
-	Venous Perforator Ablation.	Amit Kumar (UAE)
o	<b>Workshop D :</b> Ultrasound Guided Sclerotherapy	Dr. Ravul Jindal (Fortis Hospital, Mohali)
o	<b>Workshop E :</b> Live Case - Varicose Veins - RF Ablation	
o	<b>Workshop F :</b> Endovenous Glue - Venaseal	
o	<b>Workshop G :</b> Compression Therapy and Bandaging Techniques	

Session - 7	DEEP VEIN THROMBOSIS (DVT) AND PULMONARY EMBOLISM	
Chairperson / Moderator		
	<b>Deep Vein Thrombosis (DVT): Diagnosis and Management</b>	
o	Clinical presentations	
o	Diagnostic imaging	
o	Anticoagulation therapy	
o	Thrombolytic therapy	
o	Catheter Directed Thrombolytic Therapy,	
o	Mechanical Thrombectomy and Thrombosuction,	
o	Angiojet : Pharmaco Mechanical Thrombectomy	
o	Penumbra	
o	Surgical Venous Embolectomy	
o	<b>Workshop H :</b> Angiojet Thrombectomy	

Session - 8	Pulmonary Embolism: The Link Between DVT and Life-Threatening Events	
Chairperson / Moderator		
o	Magnitude of this underdiagnosed problem	

# SCIENTIFIC PROGRAMME

Day - 2, 30<sup>th</sup> March 2025

0900 Hours

4<sup>TH</sup>

! VEINS

<b>Session - 9</b>	<b>Management of Pulmonary Embolism Secondary to DVT</b>	
<b>Chairperson / Moderator</b>		
o Classification		
o Anticoagulation, Thrombolytic therapy		
o Catheter Directed Thrombolytic Therapy		
o Mechanical Thrombectomy		
o Thrombosuction		
o Angiojet		
o Penumbra		
o Angiovac, is there a role of surgical thrombectomy		
<b>Session - 10</b>	<b>Venous Ulcers and Wound Management</b>	
<b>Chairperson / Moderator</b>		
o Treatment protocols for managing venous leg ulcers		
o Compression therapy and wound care strategies		
o Poster Presentations and Networking Event		
<b>Session - 11</b>	<b>Discussion of research on venous diseases and treatments</b>	
<b>Session - 12</b>	<b>Implantable Venous Valves; Where are we today</b>	
<b>Session - 13</b>	<b>Chronic Thrombo Embolic Pulmonary Hypertension (CETPH)</b>	
<b>Chairperson / Moderator</b>		
Magnitude of the problem and clinical presentation		N N Khanna
Surgical Pulmonary Thrombo - Embolectomy		Devi Shetty
Interventional Management		N N Khanna / Wulan A (Indonesia)
Medical Management		Rajesh Chawla
<b>Session - 14</b>	<b>INTERVENTIONS FOR DIALYSIS ACCESS / CENTRAL VEIN OCCLUSION (APNIC @ APVIC)</b>	
<b>Chairperson / Moderator</b>		
CVO Recanalisation - Tips & Tricks		N N Khanna (India)
AV Fistula Interventions		
<b>Interventions in Dialysis Fistula</b>		N N Khanna (India)
Vasculo Mimetic Implant		Rohit Agarwal (India)
Basic Techniques in Interventions in Dialysis Fistula		
Live / Live in Box Cases		N N Khanna / B C Srinivas
Clinical Case Scenarios		
<b>Tunneled Dialysis Catheter Implantation - Permacath</b>		
Step by Step Demonstration - Live in Box		
Interesting Case Examples with Learning Points - Live / Live in Box		

# SCIENTIFIC PROGRAMME

Day - 1, 29<sup>th</sup> March 2025

4<sup>TH</sup>

! VEINS

Session - 15	Latest Techniques and Burning Issues in Venous Interventions	
Chairperson / Moderator		
<b>IVC Filter</b>		
Who Should Get IVC Filter, Guidelines Based Assessment		
Technique of IVC Filter Implantation	Anil Dhall	
Technique of IVC Filter Removal	N N Khanna	
IVC Filter Surgical Removal - 2 Cases	Ajay Kaul	
Central Venous Thrombosis and Venous Hypertension	Nischant Jain	
Endovascular management of high flow arteriovenous malformations	Puneet Garg (India)	
Pulmonary AV Malformations Percutaneous Management		
Venous Intervention in Renal Transplant	N N Khanna	
<ul style="list-style-type: none"><li>o Summary of key takeaways from the conference</li><li>o Awarding certificates for participation</li><li>o Information on future events and resources</li><li>o Award for poster presentation and case presentation</li></ul>		

# WORKSHOPS

4<sup>TH</sup> ! VEINS

**Workshop A:** Hands-on Venous Doppler Ultrasound Skills

**Workshop B:** Ultrasound Guided Venous Puncture and Tumusent Anesthesia

**Workshop C:** Endo-Venous Laser Therapy (EVLT)

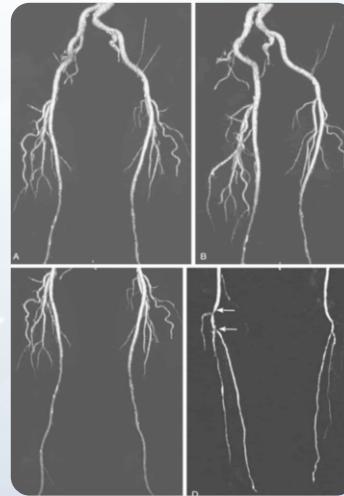
**Workshop D:** Ultrasound Guided Sclerotherapy

**Workshop E:** Live Case - Varicose Veins - RF Ablation

**Workshop F:** Endovenous Glue - Venaseal

**Workshop G:** Compression Therapy and Bandaging Techniques

**Workshop H :** Angiojet Thrombectomy



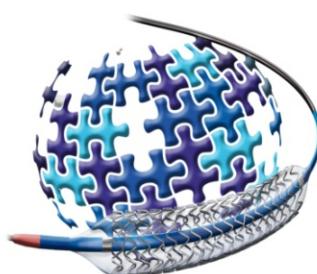
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FOR ADDITIONAL INFORMATION, PLEASE CONTACT

**DR (PROF) N N KHANNA**

Chair & Faculty- ICE Envovascular Course

Chairman- Asia Pacific Vascular Society

Sr. Consultant Interventional Cardiology & Vascular Interventions

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MD, DM, FRCP (Lond.), FRCP (Glasg.), FRCP (Edin.), FACC, FSCAI, FESC, FCCP, FAPSIC, FSCI

Chairman - Asia Pacific Vascular Society

Organising Secretary - ICCCON 2025, Varanasi

Past President - Indian College of Cardiology

Past Chairman - National Interventional Council, CSI

Advisor - Apollo Group of Hospitals

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