

SCIENTIFIC PROGRAMME

for Vascular Surgery Trainees

Asian Society for Vascular Surgery (ASVS) Conference

Chief Organizer: Dr Ambarish Satwik

CME Co-ordinators: Dr Nandan Haldipur, Dr Aniket Pradhan, Dr Raghu Motaganahalli, Dr Tapish Sahu

CME Convenor: Dr Nikhil Chaudhari

Session Focus: Case-Based Interactive Sessions • Hands-on Skills Stations • Technical Tricks

Theme: Decision-Making in Vascular Surgery + Practical Skills – from imaging to intervention

Target Audience: Vascular surgery trainees / fellows

Format: Case-based sessions → Hands-on stations (8 × 30 min) with CTO talk after Rotation 3 + EVAR talk after rotations

Timing Logistics: 09:00 – 18:00 | Tea breaks | Lunch: 30 min (before CTO talk) | Room shift: 5 min after every 2 rotations

PART 1 — CASE-BASED INTERACTIVE SESSIONS

Decision-Making Focus

Time	Duration	Session / Content
09:00 – 09:15	15 min	Registration, Welcome & Learning Objectives • Overview of the day, interactive format and station rotation plan
09:15 – 09:40	25 min	Case Session 1: Aortic Disease Dr Nandan Haldipur 12 min AAA/Dr P Shivaneshan/ 12 min TAA • Interactive cases: AAA / TAAA – size, symptoms, growth, morphology • Open vs endovascular vs hybrid decision-making • Rupture & symptomatic aneurysm pathways – audience discussion
09:40 – 10:10	30 min	Case Session 2: Peripheral Arterial Disease & CLTI Dr P C Gupta/ Dr Samantha D. Minc(Moderator) • Wifi / GLASS applied to real cases Dr Rakesh Kapur • Endovascular-first vs bypass – case selection debate Dr Elancheralathan Kalyanaraman • No-option CLTI and deep venous arterialisation – when & why Dr Sandeep Mahapatra
10:10 – 10:30	20 min	Case Session 3: Vascular Trauma- Dr Vella Duraichi (Moderator) • Temporary intravascular shunts and damage-control decisions and Exposure of major vessels – case-based discussion Dr Vivek Agrawal • Haemorrhage control priorities and sequencing-Dr Aditya Gupta

10:30 – 10:55	25 min	Case Session 4: Venous Disease- Dr Devender Singh (Moderator) • Superficial venous ablation thresholds & recurrent disease cases Dr Siddharth Rajput • Iliofemoral DVT – anticoagulation vs early thrombus removal Dr Pranati Swain To Stent or Not to Stent in CVD: Timing, Indications, and Choosing the Ideal Stent Dr Ambarish Satwik
10:55 – 11:10	15 min	Tea / Comfort Break
11:10 – 11:40	30 min	Calcium Management (All trainees) • Intravascular lithotripsy Dr Luca Garriboli • Atherectomy Dr Aniket Pradhan • Device selection and safe use in heavily calcified lesions (Interactive discussion and demonstration) Dr Rajesh Babu
11:40 – 11:50	10 min	Move to Skills Area / Group Allocation • Trainees divided into 7 groups; each group starts at one station

PART 2 — HANDS-ON SKILLS STATIONS

8 stations × 30 min | *Simultaneous Rotations*

Rotation Plan: 8 groups rotate simultaneously. Each station lasts 30 minutes. A 5-minute room-shift is scheduled after every two rotations. Lunch (30 min) is placed after Rotation 3, immediately before the CTO Crossing talk. CTO Crossing talk (30 min) follows lunch. EVAR Planning talk (30 min) is delivered after all hands-on rotations.

Station	Focus Title	Skills & Technical Details
1	Vein Mapping & Access Planning	Ultrasound vein mapping technique, vessel assessment criteria, access site planning and marking Dr Pranay Pawar, Dr Bhupesh Garg, Dr Aditya Gupta
2	TAMBE / Complex Aortic	Multibranch endoprosthesis overview, branch vessel selection, deployment sequence and key bailouts on model Dr Raghu Motaganahalli, Dr Aniket Pradhan
3	TCAR & EPD	TCAR procedural steps, flow-reversal concept, embolic protection device (EPD) selection and deployment Dr Vikram Kashyap
4	Varicose Veins	Ultrasound assessment of veins, thermal & non-thermal ablation techniques, newer advances in venous ablation Dr Satyendra G, Dr Harshit Malhotra, Dr D N Sharmila
5	Arterial Thromboaspiration	Arterial mechanical thrombectomy / aspiration systems – device set-up, basic technique and complication recognition

		Dr Nihar Pradhan, Dr Narendranadh Meda, Dr Siddharth Viswanathan
6	DVT Treatment	Catheter-directed thrombolysis set-up, pharmacomechanical thrombectomy principles, IVC filter concepts Dr Gnaneshwar Atturu, Dr Rahul Agrawal, Dr Rakesh Kapur
7	Atherectomy Devices	Introduction to atherectomy platforms, device selection principles, safe handling and basic technique Dr Arunagiri Viruthagiri, Dr Adarsh Kabra, Dr Virender Sheorain
8	TAA open repair	Surgical techniques and principles, Guidance for set up and training Dr P Shivaneshan, Dr Ajay Savlania , Dr Neelamjingbha Sun

SUGGESTED ROTATION & TECHNICAL TRICKS TIMELINE

Time	Duration	Session / Content
11:50 – 12:20	30 min	Rotation 1 • All groups at starting stations
12:20 – 12:50	30 min	Rotation 2
12:50 – 12:55	5 min	Room Shift • Groups move to next stations
12:55 – 13:25	30 min	Rotation 3
13:25 – 13:55	30 min	Lunch Break
13:55 – 14:25	30 min	CTO Crossing Talk (All trainees) Dr Aniket Pradhan • Crossing algorithms (antegrade/retrograde), wires & catheters • Re-entry devices and support catheter use; Interactive Q&A
14:25 – 14:55	30 min	Rotation 4
14:55 – 15:25	30 min	Rotation 5
15:25 – 15:30	5 min	Room Shift • Groups move to next stations
15:30 – 16:00	30 min	Rotation 6
16:00 – 16:30	30 min	Rotation 7

16:30– 17:00	30 min	Rotation 8 • Final station for each group
17:00 – 17:15	15 min	Tea / Comfort Break
17:15 – 17:45	30 min	EVAR / Aortoiliac Planning Talk (All trainees) Dr Vikram Iyer/ Dr Raghu Motaganahalli/Dr Nandan Haldipur • Workstation planning, sizing, device selection, iliac access • Deployment sequence, trouble-shooting and bailout options
17:45 – 18:00	15 min	Wrap-up and feedback • Key take-home messages, station feedback, distribution of certificates

PROGRAMME NOTES

- **Total duration:** Approximately 9 hours (09:00–18:00) including tea breaks, 30-min lunch, and 5-min room shifts after every two rotations.
- **Case-based focus:** Four interactive case sessions (Aortic, PAD/CLTI, Vascular Trauma, Venous Disease).
- **Calcium Management:** Delivered as a 30-min all-trainees session in the morning (11:10–11:40).
- **Lunch:** 30 min, scheduled after Rotation 3 and immediately before the CTO Crossing talk.
- **CTO Crossing Talk:** 30-min all-trainees session after lunch (13:55–14:25).
- **EVAR / Aortoiliac Planning Talk:** 30-min all-trainees session after completion of all hands-on rotations (16:45–17:15).
- **Hands-on stations (7):** All topics trimmed for a focused 30-minute practical slot. Ideal group size 4–6 trainees per station.
- **Materials required:** Ultrasound machines for vein mapping and venous assessment; simulators/models for complex aortic and TCAR; demo devices for thromboaspiration, venous ablation, atherectomy, DVT systems.
- **Adaptation note:** This programme can be adapted to local faculty, room capacity, device availability and exact ASVS conference timing.

SCIENTIFIC PROGRAMME

for General Surgery Trainees

Asian Society for Vascular Surgery (ASVS) Conference

Duration: 10:00 AM – 5:15 PM

Theme: **Foundations of Vascular Surgery for the General Surgeon** – Cases, Concepts & Hardware

Target Audience: General surgery trainees / residents with limited prior exposure to vascular surgery

Format: Trainee case presentations → Faculty-moderated case-based interactive discussions → Hands-on table demonstration of basic vascular hardware

PROGRAMME SCHEDULE

Time	Duration	Session / Content
10:00 – 10:15	15 min	Welcome & Learning Objectives
10:15 – 10:40	25 min	Trainee Case Presentation 1: PAD Case-Dr Siddharth Viswanathan/Dr Nandan Haldipur Case prepared and presented by a general surgery trainee. Clinical presentation, imaging, decision-making points. Interactive discussion with case moderator faculty (25 min including discussion).
10:40 – 11:05	25 min	Trainee Case Presentation 2: Venous / Vascular Case- Dr Anita Dhar/ Dr Mukesh Garg Case prepared and presented by a general surgery trainee (venous disease or other vascular topic). Clinical presentation, imaging, management options. Interactive discussion with case moderator faculty (25 min including discussion).
11:05 – 11:25	20 min	Coffee / Comfort Break
11:25 – 12:40	75 min	Session 1: Faculty-Moderated Case-Based Interactive Discussions (Part A) Three interactive cases (25 min each including discussion). Faculty present real/anonymized cases.. • Case 1 (25 min): Acute limb ischaemia – History, diagnosis and imaging. Dr Vikram Iyer • Case 2 (25 min): Role of vascular surgery in diabetic foot management. Dr Prof Digvijay Sharma • Case 3 (25 min): Management of diabetic foot. Dr Prof Digvijay Sharma
12:40 – 13:25	45 min	Lunch / Comfort Break
13:25 – 14:40	75 min	Session 2: Faculty-Moderated Case-Based Interactive Discussions (Part B) Three interactive cases (25 min each including discussion). Audience

		participation and decision-making emphasis. • Case 4 (25 min): Vascular trauma – Identification, imaging and strategies for management. Dr Mukesh Garg • Case 5 (25 min): Endovascular interventions in peripheral arterial disease (PAD). Dr Siddharth Rajput • Case 6 (25 min): Clinical staging, imaging and treatment modalities for varicose veins / venous ulcers. Dr Anita Dhar
14:40 – 14:55	15 min	Tea / Comfort Break
14:55 – 15:55	60 min	Session 3: Introduction to Basic Vascular Hardware - On-Table Demonstration Hands-on/demonstration station format. Faculty demonstrate; trainees handle instruments under supervision. • Station A (30 min): Vascular clamps, bulldog clamps, vessel loops, Fogarty catheters, temporary shunts. Correct application, sizing, and common pitfalls. Dr Nelson/Dr Mukesh Garg • Station B (30 min): Vascular sutures, needles, patches (prosthetic & autologous), basic anastomotic technique principles. Running vs interrupted, heel-toe technique overview, needle handling. Dr Uttam/ Dr Elancheralathan Kalyanaraman/ Dr Neelamjingbha Sun
15:55 – 16:35	40 min	Session 4: Basic Endovascular Hardware - On-Table Demonstration- Dr Ambarish Satwik, Dr Siddharth Rajput Dedicated hands-on/demonstration session. • Guidewires, catheters, sheaths, balloons, stents (nomenclature & indications). Simple table-top demonstration of wire/catheter manipulation if models available.
16:35 – 16:50	15 min	Closing Remarks, Key Take-Home Messages & Feedback • Summary of 'must-know' points for general surgery practice. • Distribution of quick-reference handout / QR code to resources. • Certificate of attendance if applicable. Collection of feedback forms.

PROGRAMME DESIGN NOTES

- **Total time:** 10:00 AM – 4:50 PM approximately (including 20-min coffee, 45-min lunch and short tea break). Programme opens with trainee-prepared case presentations, followed by faculty-moderated case-based discussions, basic hardware stations, and a dedicated endovascular hardware session.
- **Pedagogy:** Trainee case presentations at the start (ownership and preparation), then faculty-moderated interactive cases (high engagement and decision-making practice), ending with tactile hardware exposure including a focused endovascular station (skill orientation).
- **Suitable for general surgery trainees:** Emphasis on recognition, initial management, damage-control principles, appropriate referral, and practical decision-making rather than advanced vascular reconstruction or complex endovascular techniques.
- **Faculty requirement (suggested):** 1–2 moderators + 3–4 vascular surgeons (or senior fellows) for trainee case moderation, faculty cases, and hardware stations. Industry support may be invited for hardware demonstration under strict educational (non-promotional) guidelines.

- **Materials needed:** Case slides/images (trainee + faculty), basic vascular instrument set, Fogarty catheters, temporary shunts, sample grafts / sutures, simple endovascular demo kit (wires, catheters, balloons), vessel models or animal tissue if available and ethically approved.
- **Optional enhancements:** Pre-course short reading list; post-session online quiz or feedback form; laminated 'vascular emergency pocket card' for trainees.
- **Adaptation note:** This programme is ready for adaptation to local faculty availability, room logistics, and exact conference timing.