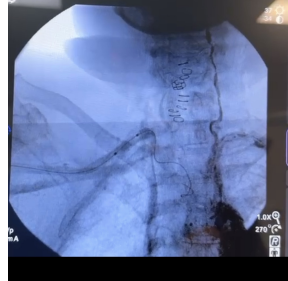


E-VASCADS

EndoVascular Cadaveric Skills and Simulation Course

REAL ANATOMY. PRACTICAL SKILLS. PROCEDURAL CONFIDENCE.

28–29 January 2027 | West Midlands Surgical Training Centre, University Hospital Coventry and Warwickshire, Coventry



Course directors	Dr Sankar Neelakantan, Consultant Interventional Radiologist Mr Devaraj Srinivasamurthy, Consultant Vascular Surgeon
Target audience	Interventional Radiology (IR) and Vascular Surgical trainees
Course fee	£600 per candidate
Format	12 candidates in six pairs, with paired operator-observer learning and faculty supervision.

Course aims

A focused, multidisciplinary course combining concise didactic teaching with practical endovascular simulation and cadaveric skills training. Candidates will practise CO₂ angiography, catheter and guidewire manipulation, selective vessel cannulation, exchange techniques, balloon angioplasty, and coil and vascular plug deployment. Learning will be supported by faculty demonstration, peer observation and feedback.

DAY 1 — THURSDAY 28 JANUARY 2027

Morning: Didactic lectures (08:30–12:30)

08:30–08:45	Welcome and course introduction	Objectives, faculty introductions and overview of the programme.
08:45–09:45	Principles of CO ₂ angiography	Principles, indications, image acquisition, limitations and safety considerations.
09:45–10:45	Reducing radiation exposure during endovascular procedures	Practical approaches to reducing radiation exposure for patients and staff during fluoroscopy-guided procedures.
10:45–11:00	Refreshment break	—
11:00–12:00	Principles of coil and plug embolisation	Indications, planning, technical principles, deployment and angiographic endpoints.
12:00–12:30	Questions and practical briefing	Discussion, equipment orientation, safety and group allocation.

Afternoon: Endovascular skills lab (12:30–17:00)

12:30–13:00	Lunch / transition to the skills lab
13:00–13:15	Equipment orientation and faculty demonstration
13:15–16:45	Practical skills rotations for Candidates 1–6 (Pairs 1–3)
16:45–17:00	Debrief and close of Day 1

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DAY 2 — FRIDAY 29 JANUARY 2027

Morning: Endovascular skills lab (08:00–12:00)

08:00–08:15	Welcome, recap and briefing
08:15–11:45	Practical skills rotations for Candidates 7–12 (Pairs 4–6)
11:45–12:00	Skills review, candidate feedback and course evaluation
12:00	Course concludes

Skills covered

CO2 angiography	Practical use of CO2 angiography equipment, image acquisition, and review of limitations and safety.
Catheter and wire skills	Catheter and guidewire manipulation, selective vessel cannulation and exchange techniques.
Balloon angioplasty	Balloon selection, positioning, inflation principles and angiographic review.
Coil and plug embolisation	Coil deployment and vascular plug positioning/deployment, with angiographic confirmation.
Cadaveric simulation	Anatomy-informed procedural rehearsal and supervised practice.

Candidate organisation and learning format

Twelve candidates will be divided into six pairs. Candidates will alternate between operator and observer roles to maximise hands-on practice and peer feedback. The first three pairs (six candidates) attend the skills lab on the afternoon of Day 1; the remaining three pairs (six candidates) attend the practical programme on the morning of Day 2.

Venue and arrangements

Venue: West Midlands Surgical Training Centre, University Hospital Coventry and Warwickshire, Coventry.

Accommodation: Candidates arrange their own accommodation.

Parking: On-site parking is available.

Course fee: £600 per candidate.

Enquiries and applications

Interested candidates can email Sankar.neelakantan2@uhcw.nhs.uk

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Provisional agenda — timings and session order may be adjusted by the course faculty.