

AQA

VII CICLO FORMATIVO CARDIOVASCULAR,
ANATOMÍA QUIRÚRGICA APLICADA

INTERNATIONAL WORKSHOP IN
AORTIC TECHNIQUES (Open/ Endo):
FROM AORTIC VALVE TO
DISTAL AORTA



IN PERSON COURSE

29-30 January 2026



Access pending the registration page



OBJECTIVES

- Exchange of experiences/tips & tricks between faculty and attendees
- **Step-by-step** learning with wet-labs of different aortic techniques
- All the aortic areas: from **aortic valve to iliac arteries**
- **Open and endovascular** procedures
- Different endovascular platforms

METHODOLOGY

- **Hands-on workstations of 2/4 hours:** wet-lab, flow models, or 3D models with X-rays
- Attendees can choose, if possible, their preferred options based on their interest (open/endo), level (basic/advanced), and availability
- Each attendee has an scheduled rotation in 6-8 different stations
- **13-15 Simultaneous stations / day** with different topics
- No more than 4 attendees /station

ADDITIONAL INFORMATION

- Each attendee will have a specific scheduled plan
- Feel free to bring your own surgical loupes (they could be useful for some stations)
- There will be several groups of stations:
 - Endo-PMEG
 - Open: root/valves
 - Open: arch/thoracoabdominal
 - ENDO-basic
 - ENDO advanced: thoracoabdominal
 - ENDO advanced: arch
 - TAVI
 - New technologies & Adjuncts

TARGET

- Specialities (residents or consultants): cardiovascular surgery, vascular surgery, cardiothoracic surgery, interventional radiology, interventional cardiology
- Limited to 50 participants

ORGANIZED BY

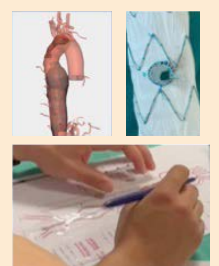
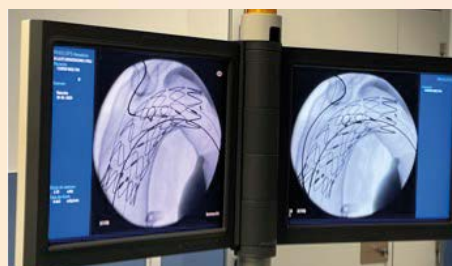
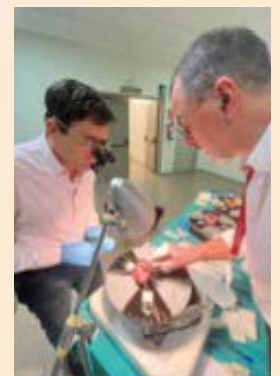
- **CARDIOVASCULAR SURGERY DEPARTMENT, Hospital Universitari i Politècnic La Fe, Valencia**
- Simulation Center, Hospital Universitari i Politècnic La Fe, Valencia
- Department of Anatomy, Universitat de València

COORGANIZED BY

- Sociedad Española de Cirugía Cardiovascular y Endovascular (SECCE)
- Transcatheter working group and Vascular-Endovascular working group
- Sociedad Española de Cirugía Transcatéter y Endovascular (CITENDO)



INTERNATIONAL WORKSHOP IN AORTIC TECHNIQUES (Open/Endo): FROM AORTIC VALVE TO DISTAL AORTA





INTERNATIONAL WORKSHOP IN AORTIC TECHNIQUES (Open/Endo): FROM AORTIC VALVE TO DISTAL AORTA

COURSE DIRECTORS

Juan B. Martínez León

MD, PhD Cardiovascular Surgery Department, Hospital Universitari i Politècnic La Fe – Valencia.
Department of Surgery, Universitat de València

Iván Martín González

MD, PhD Cardiovascular Surgery Department, Hospital Universitari i Politècnic La Fe – Valencia.
Department of Surgery, Universitat de València

Francisco Martínez Soriano

MD, PhD Emeritus Professor, Department of Anatomy, Universitat de València

ORGANIZING COMMITTEE

Iván Martín González

Cardiovascular Surgery, Hospital Universitari i Politècnic La Fe (Valencia). Department of Surgery -
Universitat de València

Audelio Guevara Bonilla

Cardiovascular Surgery, Hospital Universitari i Politècnic La Fe (Valencia)

Fernando Pascual de la Fuente

Cardiovascular Surgery, Cardiovascular Surgery (Valencia)

José Alejandro Rincón Almanza

Cardiovascular Surgery, Hospital Universitari i Politècnic La Fe (Valencia)

Carlos Domínguez Massa

Cardiovascular Surgery, Hospital Universitari i Politècnic La Fe (Valencia)

Javier Sirgo González

Cardiovascular Surgery, Consorcio Hospital General Universitario (Valencia)

SCIENTIFIC COMMITTEE

Cardiovascular Surgery

María José Dalmau Sorli

Manuel Pérez Guillen

Francisco J. Valera Martínez

Hospital Universitari i Politècnic de La Fe (Valencia)

Vascular Surgery

Luca Garriboli

IRCCS Sacro Cuore-Don Calabria (Negrar, Italy)

Jürg Schmidli

Bern University Hospital (Berna, Suiza)

Francesco Squizzato

Università degli Studi di Padova (Padua, Italia)

FACULTY (HANDS-ON STATIONS)

Biomedical Engineer

Alejandra Gómez de Cádiz Maciá

Instituto de Biomecánica de Valencia - IBV

Cardiothoracic Surgery

Thanos Sioris

Tampere Hospital (Finland)



INTERNATIONAL WORKSHOP IN AORTIC TECHNIQUES (Open/Endo): FROM AORTIC VALVE TO DISTAL AORTA

Cardiovascular Surgery

Javier Sirgo González

Consorcio Hospital General Universitario (Valencia)

Ana María Bel Mínguez

Hospital Universitari i Politècnic La Fe (Valencia)

Tomás Heredia i Cambra

Hospital Universitari i Politècnic La Fe (Valencia)

Marina Juez López

Consorcio Hospital General Universitario (Valencia)

Aung Ye Oo

St Bartholomew's Hospital (London, UK)

Eduard Quintana Obrador

Institut Clinic Cardiovascular. Hospital Clínic (Barcelona)

Alejandro Vázquez Sánchez

Hospital Universitari i Politècnic La Fe (Valencia)

Radiology

Julio Palmero DaCruz

Interventional Radiology (Valencia)

Vascular Surgery

Luca Garriboli

IRCCS Sacro Cuore-Don Calabria (Negrar, Italy)

Jürg Schmidli

Bern University Hospital (Berna, Suiza)

Francesco Squizzato

Università degli Studi di Padova (Padua, Italia)

Fernando Gallardo Pedrajas

Instituto Vascular y Endovascular Internacional. Hospital Quironsalud (Marbella)

Manuel Hernando Rydings

Hospital Clínico San Carlos (Madrid)

Vicente Andrés Sala Almonacil

Hospital Clínico Universitario (Valencia)

REGISTRATION

Pre-registration: from **1st September 2025** to **23rd December 2025***

*Deadlines subject to availability of places. From 23rd December 2025, check the registration page to see if the deadline is still open.

Confirmation to attendees of pre-registration acceptance: **They will be processed according to the order of arrival of requests and profile.**

Deadline for formalizing enrollment* after pre-registration acceptance: **9th January 2026**

To formalize enrollment, it will be necessary to pay the **course registration fee** and complete the **preference survey** that will be provided to students at the time of pre-registration acceptance confirmation.

Registration rate: (21% Spanish VAT included)

■ **500 €**



OFFICIAL ACCOMMODATION

Hotel Primus Valencia

C/ de Menorca, 22, 46023 Valencia

Contact: 963 31 84 74

Technical Secretariat: aqacursoslafe@doctaforum.com

*Hotel and travel arrangements can be requested through the Technical Secretariat

ENDORSEMENTS

- **Aortic Association**

ACCREDITATIONS

- **EACCME®** - European Accreditation Council for Continuing Medical Education (in progress)
- **EVES** - Escuela Valenciana de Estudios de la Salud (in progress)

CERTIFICATES:

80% attendance to the course will be mandatory to obtain the certificates of attendance and continuing education credits



PROGRAM

THURSDAY 29 January 2026

Hospital Universitari i Politècnic La Fe, Valencia

Location: Tower H, Floor -1

08:00 - 08:30 Registration (pending room, Tower H, Floor -1)

08:30 - 09:00 Welcome and course presentation

HANDS-ON WORK (morning-afternoon session)

Exhibition Hall (Tower H, Floor -1)

09:00 - 11:00 First round

11:00 - 13:00 Second round

13:00 - 14:00 Lunch break

14:00 - 16:00 Third round

16:00 - 18:00 Fourth round

21:00 Official dinner - Primus Valencia Hotel

TRANSFERS:

07:45 Hospital transfer: coach transfer from the hotel to the hospital

18:25 Hotel transfer: coach transfer from hospital (Tower H) to hotel

FRIDAY 30 January 2026

Hospital Universitari i Politècnic La Fe, Valencia

Location: (Tower H, Floor -1)

08:00 - 08:30 Registration (pending room, Tower H, Floor -1)

08:30 - 09:00 Feedback Aorta

HANDS-ON WORK (morning-afternoon session)

Exhibition Hall (Tower H, Floor -1)

09:00 - 11:00 Fifth round

11:00 - 13:00 Sixth round

13:00 - 14:00 Lunch break

14:00 - 16:00 Seventh round

16:00 - 18:00 Eighth round

TRANSFERS:

07:45 Hospital transfer: coach transfer from the hotel to the hospital

18:25 Hotel transfer: coach transfer from hospital (Tower H) to hotel



HANDS-ON STATIONS THURSDAY 29 JANUARY

TOPIC	STATION NUMBER	STATION	FACULTY-INDUSTRY	29-JAN
ENDO - PMEG*	1	PMEG thoracoabdominal *	Squizzato/ Palmero / Sirgo	Morning
ENDO - PMEG*	2	PMEG arch *	Squizzato/ Palmero / Sirgo	Afternoon
OPEN root/valves	3	Valve sparing root replacement	Dr. Sioris	All day
OPEN arch/ thoracoabdominal	6	Clinical cases in Open complex Aorta (arch/ DTA/TAAA): planning, pitfalls, tricks.	Dr. Oo	All day
OPEN arch/ thoracoabdominal	7	Open Type 4 - TAAA. Infected EVAR (explantation & biological conduit).	Dr. Schmidli	All day
ENDO basic	9	EVAR / TEVAR : methacrylate model + electronic simulator	Dr.Garriboli / Schmidli	All day
ENDO basic	10	DICOM viewers : basic planning endovascular aortic procedures	Dr.Gallardo	All day
ENDO advanced: ARCH	11	Single Inner Branched TEVAR zone 0-2: TBE - Gore	GORE	All day
ENDO advanced: THORACOABDOMINAL	14	Off-the-shelf BEVAR: T-BRANCH Cook	Dr. Hernando	All day
ENDO advanced: THORACOABDOMINAL	15	Thoracoabdominal Planning (F/BEVAR): Cook	COOK	All day
TAVI	16	Balloon Expandable TAVI - Meril	MERIL	All day
TAVI	17	Self-expandable TAVI: Evolut	MEDTRONIC	All day
New technologies & Adjuncts	20	Endoanchors for EVAR/TEVA	MEDTRONIC	All day
		Augmented reality & 3D printing for surgical planning	Dr Gomez / IBV	
		Surgical adjuncts (sutures, hemostatics, surgical energy devices)	JOHNSON & JOHNSON	

■ Station duration: 2 hours. / *PMEG: 4 hours

■ Coordinators: **Dr. J.Sirgo / Dr. C.Domínguez**

■ Stations open-close: **9-13h, 14-18h**

■ VENUE: **Hospital Universitari i Politécnic La Fe, Valencia.**

Av/ Fernando Abril Martorell, 106. Valencia (Spain)

■ **ROOM:** Exhibition Hall (Tower H, Floor -1). / * PMEG: Rx Experimental, (Level -1, Tower A)

■ **Notes:** FEVAR simulator - Cook will be available 29th and 30th. Not scheduled activity



INTERNATIONAL WORKSHOP IN AORTIC TECHNIQUES (Open/Endo): FROM AORTIC VALVE TO DISTAL AORTA

HANDS-ON STATIONS **FRIDAY 30 JANUARY**

TOPIC	STATION NUMBER	STATION	FACULTY-INDUSTRY	30-JAN
ENDO - PMEG*	1	PMEG thoracoabdominal *	Squizzato/ Palmero / Sirgo	Morning
ENDO - PMEG*	2	PMEG arch *	Squizzato/ Palmero / Sirgo	Afternoon
OPEN root/valves	4	Minimal Invasive Biobentall	Dr. Juez / Heredia	All day
OPEN root/valves	5	Aortic annulus enlargement (anterior / posterior) + TAVI explantation	Dr. Vázquez	All day
OPEN arch/ thoracoabdominal	8	Elephant Trunk (Frozen & classical)	Dr. Sioris	All day
ENDO basic	9	EVAR / TEVAR: methacrylate model + electronic simulator	Dr.Garriboli / Schmidli	All day
ENDO basic	10	DICOM viewers: basic planning endovascular aortic procedures	Dr.Gallardo	All day
ENDO advanced: ARCH	12	MicroPort arch platform: Castor-Cratos, Hector, Talos	B-ENDO	All day
ENDO advanced: ARCH	13	Full /partial arch - Cook	Dr. Hernando	All day
ENDO advanced: THORACOABDOMINAL	15	Thoracoabdominal Planning (F/BEVAR): Cook	COOK	All day
TAVI	18	Self-expandable TAVI: Navitor	ABBOTT	All day
TAVI	19	Self-expandable TAVI: VitaFlow Liberty®	PALEX	All day

■ **Station duration:** 2 hours. / *PMEG: 4 hours

■ **Coordinators:** **Dr. J.Sirgo / Dr. C.Domínguez**

■ **Stations open-close:** 9-13h, 14-18h

■ **VENUE:** Hospital Universitari i Politècnic La Fe, Valencia.

Av/ Fernando Abril Martorell, 106. Valencia (Spain)

■ **ROOM:** Exhibition Hall (Tower H, Floor -1). / * PMEG: Rx Experimental, (Level -1, Tower A)

■ **Notes:** FEVAR simulator - Cook will be available 29th and 30th. Not scheduled activity



EDUCATIONAL ISSUES

1. **PMEG thoracoabdominal ***
Physician Modified Endografts (PMEG) for thoracoabdominal aortic disease: creation FEVAR-PMEG & implantation in a 3D model with x-Rays
2. **PMEG arch ***
Physician Modified Endografts (PMEG) for arch aortic disease: creation PMEG & implantation in a 3D model with x-Rays
3. **Valve sparing root replacement**
Valve-sparing technique (David) in a animal heart (swine/cow) : step-by-step
4. **Minimal Invasive Biobentall**
BioBentall (French Technique) in an animal heart (swine/cow). Minimal invasive tools.
5. **Aortic annulus enlargement (anterior / posterior) + TAVI explantation**
Aortic annulus enlargement anterior (Bo Yang, Nicks, Nuñez, Manouguian) and/or posterior (Konno). Step-by-step in an animal heart (swine/cow).
6. **Clinical cases in Open complex Aorta (arch/DTA/TAAA): planning, pitfalls, tricks.**
Presentation of clinical cases of open arch, descending thoracic or thoracoabdominal surgeries. Interactive discussion about how to plan, practical tricks, potential pitfalls. Learning from complications.
7. **Open Type 4 - TAAA. Infected EVAR (explantation & biological conduit).**
Open Type IV Thoracoabdominal aneurysm repair (TAAA) & EVAR infection (explantation and creation of biological pericardial conduit for aortic replacement) in an artificial surgical simulator with flow.
8. **Elephant Trunk (Frozen & classical)**
Elephant trunk implantation in an artificial surgical simulator + angioscopy. Different technical options for Frozen (FET): off-the-shelf, home-made FET, (b)SAFER. Options for classical elephant trunk (Siena, straight tube). Considerations AMDS.
9. **EVAR / TEVAR : methacrylate model + electronic simulator**
Basic endovascular techniques for EVAR and TEVAR. Introduce to the endograft characteristics (different platforms) and delivery & step-by-step implantation in a methacrylate model (direct vision +/- angioscopic view). Presentation of a clinical case (EVAR and TEVAR), endograft selection and procedure step-by-step in a electronic simulator.
10. **DICOM viewers : basic planning endovascular aortic procedures**
Endovascular aortic basic planning: tools (MPR, centerline, 3D-VR) and strategy for sizing & planning (TEVAR / EVAR). Use DICOM viewers (Horos, 3mension and/or Endosize)
11. **Single Inner Branched TEVAR zone 0-2: TBE - Gore**
Characteristics of TBE-Gore graft and its delivery. How to plan. Practical delivery in a electronic simulator.
12. **MicroPort arch platform: Castor-Cratos, Hector, Talos**
Characteristics of Castor/Cratos/Hector/Thalos graft and its delivery. How to plan. Practical delivery in a methacrylate model (direct view +/- angioscopy). Expanded use of Castor/Cratos as a bail-out.
13. **Full /partial arch - Cook**
Cook platform for partial/ full arch (zone 0 with inner branches or zone 2): different options, delivery. Advanced planning for arch (3mension or similar). Clinical cases.
14. **Off-the-shelf BEVAR: T-BRANCH Cook**
Characteristics of T-branch graft and its delivery. How to plan. Practical delivery in a methacrylate model (direct view +/- angioscopy) step-by-step (conventional or sequential fashion).



15. ■ **Thoracoabdominal Planning (F/BEVAR): Cook**
Advanced planning for thoracoabdominal endograft (3mension viewer). Custom-made Cook platform for thoracoabdominal endograft. Available FEVAR electronic simulator.
16. ■ **Balloon Expandable TAVI - Meril**
Characteristics of Myval valve and its delivery. How to plan in TAVI. Practical delivery (step-by-step). Electronic simulator (if available). Clinical cases (easy and challenging cases) & complications
17. ■ **Self-expandable TAVI: Evolut**
Characteristics of Evolut valve and its delivery. How to plan in TAVI. Practical delivery (step-by-step). Electronic simulator (if available). Clinical cases (easy and challenging cases) & complications
18. ■ **Self-expandable TAVI: Navitor**
y-step). Electronic simulator (if available). Clinical cases (easy and challenging cases) & complications
19. ■ **Self-expandable TAVI: VitaFlow Liberty®**
Characteristics of VitaFlow Liberty® (MicroPort®) valve and its delivery. How to plan in TAVI. Practical delivery (step-by-step). Electronic simulator (if available). Clinical cases (easy and challenging cases) & complications
20. ■ **Endoanchors for EVAR/TEVAR**
Endoanchors application in EVAR/TEVAR procdures: concept, materials, simulator.
Augmented reality & 3D printing for surgical planning
Application of the augmented reality & 3D printing as a tool for surgical planing in aortic diseases. Virtual reality glasses utility for educational or clinical purpose.
Surgical adjuncts (sutures, hemostatics, surgical energy devices)
Characteristics, indications and potential pitfalls in some surgical adjuncts (sutures, hemostatics, surgical energy devices)



INTERNATIONAL WORKSHOP IN AORTIC TECHNIQUES (Open/Endo): FROM AORTIC VALVE TO DISTAL AORTA

LaFe
Hospital
Universitari
i Politécnic

COLLABORATORS:

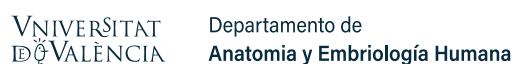




INTERNATIONAL WORKSHOP IN AORTIC TECHNIQUES (Open/Endo): FROM AORTIC VALVE TO DISTAL AORTA

LaFe
Hospital
Universitari
i Politécnic

ORGANISED BY:



ENDORSED BY:



Technical Secretariat
Tel.: (+34) 648 127 792
aqacursoslafe@doctaforum.com