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# EAPCI Educational Pathway Level 2

## Course on Structural Track

**Date: April 29-30, 2026**

Location: Università Vita – Salute San Raffaele, Milan, Italy

### Scientific Programme

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**Day 1 – 29 April 2026**

**TAVI**

Time (CET)	Programme	Speaker
08:00 – 08:15	Registration	
08:15– 08:30	<b>Welcome and Introduction</b>	A. Chieffo N. Karam F. Praz
<b>Session I: The foundations of TAVI</b> <i>(Expert lectures)</i> <i>Chairs: A. Chieffo and N. Karam</i>		
08:30 – 08:45	Focus on 2025 ESC/EACTS Guidelines for VHD: indications for treatment and patient selection	F. Praz
08:45 – 08:55	Overview of contemporary TAVI devices	N. Karam
0855 – 09:05	Procedural planning and device selection	T. Pilgrim
09:05 – 09:15	Optimal Medical Therapy after TAVI	M. Metra
09:15 – 9:30	Interactive discussion QA from the audience	
09:30 – 09:40	<i>Coffee break</i>	
<b>Hands-on Workshops</b> <i>(Simulation-based training workshops)</i>		
09:40 – 11:10	<b>Workshop 1: procedural planning using CT scan</b>	M. Barbanti C. Fraccaro A. Sticchi R. Parma

09:40 – 11:10	<b>Workshop 2: large-bore vascular access</b> <i>Ultrasound-guided puncture and suture mediated closure devices</i> -	F. Praz A. Beneduce E. Rafflenbeul Z. Huczek AS Petronio
09:40 – 11:10	<b>Workshop 3: step-by-step TAVI with different devices</b> <i>Procedure with tailored implantation depth and commissural alignment using different devices</i> - Station A: balloon-expandable platform - Station B: self-expanding platform	T. Pilgrim C. Fraccaro M Urena M. Adamo
11:10 – 11:30	<i>Coffee break</i>	
<b>Session II: specific clinical scenarios</b> <i>(Case-Based Discussion with Interactive Expert Panel)</i> Chairs: F. Praz and N. Karam		
11:30 – 11:40	<b>Case 1: bicuspid anatomy</b> <i>A case of BAV treated with TAVI – different methodologies for sizing and implanting</i>	Barbara Bellini –
11:40 – 11:50	Discussion case 1	
11:50 – 12:00	<b>Case 2: valve-in-valve</b> <i>A case TAVI in SAVR – risk assessment e.g coronary obstruction , mismatch, valve fracture</i>	T. Pilgrim
12:00 – 12:10	Discussion case 2	
12:10 – 12:20	Case 3: coronary Access after TAVI <i>A case of ACS in a patient with prior TAVI with SEV</i>	C. Fraccaro
12:20 – 12:30	Discussion case 3	
12:30 – 13:30	<i>Lunch</i>	
13:30 – 15:00	<b>Workshop 1: procedural planning using CT scan</b>	M. Barbanti C. Fraccaro A. Sticchi R. Parma
13:30 – 15:00	<b>Workshop 2: large-bore vascular access</b> <i>Ultrasound-guided puncture and suture mediated closure devices</i>	F. Praz A. Beneduce E. Rafflenbeul Z. Huczek AS Petronio

13:30 – 15:00	<b>Workshop 3: step-by-step TAVI with different devices</b> <i>Procedure with tailored implantation depth and commissural alignment using different devices</i> - Station A: balloon-expandable platform - Station B: self-expanding platform	T. Pilgrim C. Fraccaro M Urena M. Adamo
15:00 – 15:15	<i>Coffee Break</i>	
<b>Session III: prevention and management of procedural complications</b> <i>(Lectures and Case-Based Discussion with Interactive Expert Panel)</i> Chairs: T. Pilgrim and A. Chieffo		
15:15 – 15:25	<b>Valve embolization</b> <i>A Case of valve embolization successful managed transcatheter</i>	
15:25 – 15:35	<b>Aortic root injury</b> <i>A case of aortic rupture managed surgically vs transcatheter</i>	A. Beneduce
15:35 – 15:45	<b>Coronary obstruction</b> <i>A case of acute coronary obstruction during TAVI</i>	M Urena
15:45 – 16:00	<b>Vascular access complications</b> <i>A case of vascular complication and its management percutaneous vs surgical cut down</i>	Z. Huczek
<b>Hands-on Workshops</b> <i>(Simulation-based training workshops)</i>		
16:00 – 17:30	<b>Workshop 1: Procedural planning using CT scan</b>	M. Barbanti C. Fraccaro A. Sticchi R. Parma
16:00 – 17:30	<b>Workshop 2: large-bore vascular access</b> <i>Ultrasound-guided puncture and suture mediated closure devices</i>	F. Praz A. Beneduce E. Rafflenbeul Z. Huczek AS. Petronio
16:00 – 17:30	<b>Workshop 3: step-by-step TAVI with different devices</b> <i>Procedure with tailored implantation depth and commissural alignment using different devices</i> - Station A: balloon-expandable platform - Station B: self-expanding platform	T. Pilgrim C. Fraccaro M Urena M. Adamo
17:30 – 17:45	<b>Wrap up and closure of Day 1</b>	A. Chieffo N. Karam F. Praz

**Day 2 – 30 April 2026**
**Mitral Interventions**

Time (CET)	Programme	Speaker
<b>Session IV: Transcatheter Interventions for mitral valve</b> <i>(Expert lectures and Case-Based Discussion with Interactive Expert Panel)</i> <i>Chairs: A. Chieffo and F. Maisano</i>		
08:00 – 08:15	Focus on 2025 ESC/EACTS Guidelines for VHD: indications for treatment and patient selection	F. Praz
08:15 – 08:25	Overview of M-TEER devices	N. Karam
08:25 – 08:35	Procedural planning and device selection	M. Urena
08:35-08:45	Medical Therapy for Heart Failure After M-TEER	M. Metra
08:45 – 09:00	Interactive Discussion	
<b>Hands-on Workshops</b> <i>(Simulation-based training workshops)</i>		
09:00 – 10:30	<b>Workshop 1: mitral valve imaging for M-TEER</b> <i>Pre-procedural planning and procedure guidance using TOE and/or ICE</i>	E. Agricola A. Sticchi A. Franzone
09:00 – 10:30	<b>Workshop 2: transeptal puncture simulator for transeptal puncture</b>	F. Maisano A. Beneduce E. Rafflenbeul M. Wild
09:00 – 10:30	<b>Workshop 3: step-by-step M-TEER</b> <i>Procedure using different devices simulators for M-TEER</i>	N. Karam F Praz A.S. Petronio M. Urena M. Adamo
10:30 – 11:00	<i>Coffee break</i>	
<b>Session V: specific clinical scenarios</b> <i>(Case-Based Discussion with Interactive Expert Panel)</i> <i>Chairs: F. Praz and M. Urena</i>		
11:00 – 11:10	<b>Case 1: MR with annular calcifications</b> <i>A case of MR with annular calcification with feasible edge to edge</i>	N. Karam

11:10 – 11:20	Discussion Case 1	
11:20 – 11:30	<b>Case 2: secondary restrictive-MR</b> <i>A case of secondary restrictive-(atrial)-MR treated with M TEER</i>	A. Sticchi
11:30 – 11:40	Discussion Case 2	
11:40 – 11:50	<b>Case 3: commissural MR</b> <i>A case of commissural primary MR treated with M TEER</i>	A. Franzone
11:50 – 12:00	Discussion Case 3	
12:00 – 13:00	<i>Lunch</i>	
<b>Hands-on Workshops</b> <i>(Simulation-based training workshops)</i>		
13:00 – 14:30	<b>Workshop 1: mitral valve imaging for M-TEER</b> Pre-procedural planning and procedure guidance using TOE	E. Agricola A. Sticchi A. Franzone
13:00 – 14:30	<b>Workshop 2: transeptal puncture</b> simulator for transeptal puncture	F. Maisano A. Beneduce E. Rafflenbeul M. Wild
13:00 – 14:30	<b>Workshop 3: step-by-step M-TEER</b> <i>Procedure using different devices simulators for M-TEER</i>	N. Karam F. Praz A.S. Petronio M. Urena M. Adamo
14:30 – 14:45	<i>Coffee break</i>	
<b>Session VI: Prevention and management of procedural complications</b> <i>(Lectures and Case-Based Discussion with Interactive Expert Panel)</i> <i>Chairs: N. Karam and F. Maisano</i>		
14:45 – 15:05	Leaflet lesion	F. Praz
15:05 – 15:25	Device detachment	M. Urena
15:25 – 15:45	Recurrent MR after M-TEER	Mirjam Wild
<b>Hands-on Workshops</b> <i>(Simulation-based training workshops)</i>		
15:45 – 17:15	<b>Workshop 1: mitral valve imaging for M-TEER</b> Pre-procedural planning and procedure guidance using TOE	E. Agricola A. Sticchi A. Franzone

15:45 – 17:15	<b>Workshop 2: transeptal puncture</b> simulator for transeptal puncture	F. Maisano A. Beneduce E. Rafflenbeul M. Wild
15:45 – 17:15	<b>Workshop 3: step-by-step M-TEER</b> <i>Procedure using different devices</i> simulators for M-TEER	F. Praz N. Karam M. Urena M. Adamo
17:15 – 17:45	<b>Wrap-up and closure of the course</b>	A. Chieffo N. Karam F. Praz