

**AEPC Advanced Training Course in Catheter Intervention
11-12 November 2024, Skane University Hospital, Lund, Sweden (Main Auditorium)**

Address: Entrégatan 7, Lund 22 242 (<https://maps.app.goo.gl/KxqZAg58Pi2124Hq8>)

Course Topic: Planning and guidance of complex transcatheter interventions

DAY 1 (MONDAY 11 NOVEMBER)

- 9.30-9.55 **Welcome reception** (Industry Exhibition Hall)
- 9.55-10.00 Welcome (*P Liuba*)
- 10.00-12.00 How to plan and guide interventions (*Moderators for case presentations: Georgiev, Kenny, Kolesnik*)
- 10.00-10.10 What do I need to think of when planning a complex intervention? *T Krasemann*
- 10.10-10.30 **Fellow's case***: What could I have done differently?
L Idorn (Denmark)
- 10.30-10.40 Newer imaging modalities to plan and guide interventions: when and how to use them? *A Kolesnik*
- 10.40-11.00 **Fellow's case***: Could this modality have improved the outcome?
M Galeczka (Poland) and J Szeliga (Poland)
- 11.00-11.10 What does combined MRI catheterization aid in planning and guiding interventions? *P Liuba*
- 11.10-11.30 **Fellow's case** (*O Broberg, Sweden*)
- 11.30-11.40 Stress tests in the cath lab: when to use them and how to interpret the data? *S Georgiev*
- 11.40-12.00 **Fellow's case** (*S Bichali, France*)
- *Fellows are asked to submit in advance anonymized imaging (CT, 3D echo) & clinical data for 3D reconstruction, print, VR
- 12.00-13.00: **Lunch** (lunch boxes available in the Industry Exhibition Hall)
- 13.00-14.45 What do I need to think of before doing an emergency intervention? (*Bökenkamp, Bruckheimer*)
- 13.00-13.10 Neonatal non-Rashkind *P Loureiro*
- 13.10-13.30 **Fellow's case**
A Anagnostopoulou (Greece), E Smereczyńska (Poland)
- 13.30-13.40 Postsurgical *R Bökenkamp*
- 13.40-14.00 **Fellow's case**
E Cuppini (Italy), K Kragic (Croatia)
- 14.00-14.10 On ECMO *E Bruckheimer*
- 14.10-14.30 **Fellow's case**
N Arribard (Belgium)
- 14.30-14.45 What can your surgeon tell and do to improve the outcome? *K Tran*
- 14.45-15.15 **Coffee break** (Industry Exhibition Hall)
- 15.15-15.30 What if something goes wrong- Implications for the interventionalist (*Krasemann, Kenny*) *T Krasemann*
- 15.30-16.10 **Fellow's case**
M Lazu (Poland), M Moaaz Kidwai (India)
- 16.10-16.30 How to predict risk for complications? *D Kenny*
- 16.30-17.30 Work-stations & Hands-on 3D print, VR/AR (Exhibition Hall and Conference Hall 3)
- 17.30-18.15 Tour of Children's Hospital & Children's Heart Centre Lund (optional)
- 19.00 **Dinner**

DAY 2 (TUESDAY, 12 NOVEMBER)

8.00-9.00	Complex interventions in the atrial septum (<i>Kolesnik, Butera</i>)	
8.00-8.10	Overview	<i>G Butera</i>
8.10-9.00	Fellow's cases: <i>F Prati (Italy), A Crauciuc (Romania), Walid Elamin (Sweden)</i>	
9.00-10.00	VSD closure (<i>Georgiev, Butera</i>)	
9.00-9.10	Overview	<i>G Butera</i>
9.10-9.50	Fellow's case: Could not close this VSD although pre-cath imaging looked very promising <i>L Idorn (Denmark)</i> Fellow's case: Closed the mVSD but PA balloon debanding did not go well <i>R Haddad (France)</i> Fellow's case: <i>M Sammaan (UK)</i>	
9.50-10.00	What to watch out for: surgeon's view	<i>M Synnergren</i>
10.00-10.30	<i>Coffee break</i> (lunch boxes available in the Industry Exhibition Hall)	
10.30-11.30	Complex PDA/APW interventions (<i>Krings, Liuba</i>)	
10.30-10.40	Overview	<i>G Krings</i>
10.40-11.20	Fellow's case: PDA closure in infant < 1 kg <i>K Librandi (Italy)</i> Fellow's case: Transcatheter management of large APW in infant < 2 kg <i>A Hassan (UAE)</i> Fellow's case: Complication after PDA stenting <i>P Surralsmi (Finland), N Topuzov (Poland)</i>	
11.20-12.00	Device embolization (<i>Krasemann, Ovaert</i>)	
11.20-11.30	Checklist and retrieval techniques	<i>C Ovaert</i>
11.30-12.00	Fellow's case: Failure to retrieve embolized device <i>M Puchalski (Poland), A Tarmahomed (UK)</i>	
Work-stations available during morning sessions: catheters, wires, sheaths + ASD, VSD, PDA devices		
12.00-13.00	<i>Lunch</i>	
13.00-14.00	Complex interventions in the aortic arch (<i>Krings, Qureshi</i>)	
13.00-13.10	Overview	<i>S Qureshi</i>
13.10-13.50	Fellow's case: Stenting of CoA in infant < 10 kg <i>S Krasic (Serbia), P Srnkova (Slovakia)</i> Fellow's case: Residual arch stenosis after Norwood <i>S Bichali (France)</i>	
13.50-14.00	How to deal with intra- & post-procedural complications after stenting?	<i>S Qureshi</i>
14.00-15.00	Complex interventions in the RVOT (<i>Kenny, Bruckheimer</i>)	
14.00-14.10	Overview	<i>E Bruckheimer</i>
14.10-14.50	Fellow's case: Stent embolization after RVOT stenting <i>U Abramczyk (Poland)</i> Fellow's case: PPVI in small (<14mm) PA conduit <i>R Marzullo (Italy)</i>	
14.50-15.00	PPVI options in small children	<i>D Kenny</i>
15.00-15.30	<i>Coffee break</i>	

15.30-16.30	Complex interventions in Fontan Circulation (<i>Qureshi, Dori</i>)	
15.30-15.40	Overview	<i>Y Dori</i>
15.40-16.20	<i>Fellow's case:</i> <i>M Bakos (Croatia) HG Emral (Turkey), K Kocot (Poland)</i>	
16.20-16.30	My treatment algorithm in PLE	<i>Y Dori</i>
16.30	Wrap up	