



# CSI FOCUS LAA

Frankfurt, Germany

NOVEMBER 12 - 13, 2021



## WELCOME TO CSI FOCUS LAA 2021

### How to close the left atrial appendage

Many patients with atrial fibrillation cannot take anticoagulation initially or have to stop it later due to complications. Even newly invented anticoagulants are often unsuitable for these patients. LAA closure has become a reasonable alternative.

CSI Focus LAA 2021 will provide a comprehensive overview of left atrial appendage closure, including imaging, transseptal and pericardial access, step-by-step cases, management of complications, live cases, and an overview of the most commonly used as well as of new and upcoming devices for LAA closure.

We hope to see you on **November 12-13, 2021**, in Frankfurt.

Horst Sievert  
on behalf of the course directors

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## PRELIMINARY PROGRAM OVERVIEW

### FRIDAY 12 NOVEMBER, 2021

	MAIN SESSION	TRAINING ROOM
08.00 - 08.55	Live case transmission from Cardiovascular Center Frankfurt CVC	
08.55 - 10.10	Transeptal puncture	
10.10 - 10.40	Coffee and tea break	
10.40 - 11.50	New imaging techniques	Deep dive TEE: hands-on workshop
11.50 - 13.10	Opinions on current guidelines and recent and upcoming clinical trials	
13.10 - 13.25	Lunch in the exhibition area	
13.25 - 14.45	New indications to consider	Deep dive CT, Physical and virtual model printing and procedural planning: hands-on workshop
14.45 - 15.30	Live case transmission from Cardiovascular Center Frankfurt CVC	
15.30 - 16.00	Coffee and tea break	
16.00 - 17.15	How to build and maintain a program	
17.15 - 18.30	Prevention and management of complications - case based learning	

### SATURDAY 13 NOVEMBER, 2021

07.00 - 08.00	E-Poster presentations in the exhibition area	
08.00 - 09.00	Live case transmission from Cardiovascular Center Frankfurt CVC	Hands-on workshop
09.00 - 10.00	Newer or less frequently used devices - case based discussion	Hands-on workshop
10.00 - 10.30	Coffee and tea break	
10.30 - 13.00	Case based learning: step by step and tips and tricks for commonly used devices	
13.00 - 13.15	Lunch in the exhibition area	
13.15 - 14.15	Live case transmission from Cardiovascular Center Frankfurt CVC	Hands-on workshop
14.30 - 15.15	Upcoming devices - Keep an eye? Invest? Forget?	Hands-on workshop
15.15 - 15.45	Coffee and tea break	
15.45 - 16.30	Live case transmission from Cardiovascular Center Frankfurt CVC	Hands-on workshop
16.30 - 18.30	Prevention and management of complications - case based learning	Hands-on workshop

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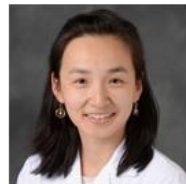
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University Hospital, Duesseldorf, Germany

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Institut Mutualiste Montsouris, Paris, France

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**Adel Aminian, MD**

Centre Hospitalier Universitaire de Charleroi, Charleroi, Belgium

**Dabit Arzamendi, MD**

Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

**Zachi Berger, MD**

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Asklepios Clinics Altona, Hamburg, Germany

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Fondazione Toscana G. Monasterio CNR, Massa, Italy

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**Tom De Potter, MD**

OLV Hospital, Aalst, Belgium

**Shephal Doshi, MD**

Pacific Herat Institute / Saint John's Health Center, Santa Monica, USA

**Habib Gamra, MD**

Fattouma Bourguiba University Hospital, Monastir, Tunis

**Philippe Garot, MD**

Institut Cardiovasculaire Paris Sud / Hospital Privé Jacques Cartier, Paris, France



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**Achille Gaspardone, MD**

Hospital San Eugenio, Rome, Italy

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Asklepios Clinic, Hamburg, Germany

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Cleveland Clinic, Cleveland, USA

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Kansas City Heart Rhythm Institute, HCA Midwest Health, Overland Park, USA

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**Ulf Landmesser, MD**

Charité - University Hospital, Berlin, Germany

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Asklepios Clinic Altona, Hamburg, Germany

**Andreas Metzner, MD**

University Heart and Vascular Centre Clinic for Cardiology, University Medical Centre Hamburg-Eppendorf, Hamburg, Germany

**Suneet Mittal, MD**

Valley Hospital / Snyder AF Center Ringerwood, New Jersey / New York USA

**Yoshifumi Nakajima, MD**

Iwate Medical University, Morioka, Japan

**Karin Nentwich, MD**

Heart and Valve Centre, Rhoenklinikum Campus Bad Neustadt, Bad Neustadt, Germany



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**Brian O'Neill, MD**

Henry Ford Health System, Center for Structural Heart Disease, Detroit, USA

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Sankt Katharinen Hospital / University Hospital Düsseldorf, Frankfurt / Düsseldorf, Germany

**Jason Rogers, MD**

University of California, Davis Medical Center, Sacramento, USA

**Marcus Sandri, MD**

Heart Center Leipzig, University Hospital for Internal Medicine/Cardiology, Leipzig, Germany

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Vancouver General Hospital, Vancouver, Canada

**Alexander Sedaghat, MD**

University Hospital, Bonn, Germany

**Alok Sharma, MD**

Minneapolis Veteran's Affairs Medical Center, Minneapolis, USA

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CardioVascular Center Frankfurt CVC, Frankfurt, Germany

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Charité - University Hospital, Berlin, Germany

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Anzhen Hospital, Beijing, China

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St. Antonius Ziekenhuis, Nieuwegein, Netherlands

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**Kevin Walsh, MD**

Our Lady's Children's Hospital, Dublin, Ireland

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Cleveland Clinic, Ohio, USA

**Richard Whitlock, MD**

Hamilton General Hospital / David Braley Cardiac, Vascular and Stroke Research Institute, Hamilton, Canada

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## SCIENTIFIC PROGRAM

Friday, November 12 <sup>th</sup> , 2021		
Time	Title	Speaker
08:00 – 08:10	<b>WELCOME INTRODUCING TRAINING AND PROGRAM HIGHLIGHTS</b>	Shakeel Qureshi, Horst Sievert
08:10 – 08:55	<b>LIVE CASE TRANSMISSION FROM CARDIOVASCULAR CENTER FRANKFURT CVC</b> Moderators: Shakeel Qureshi, Martin Bergmann Panelists: Marcus Sandri, Andreas Metzner, Adel Aminian, Kevin Walsh Q&A moderator: Dee Dee Wang Discussion	
08:55 – 10:10	<b>TRANSEPTAL PUNCTURE</b> Moderators: Randy Lee, Habib Gamra Panelists: Bushra Rana, Kevin Walsh, Andreas Metzner Q&A moderator: Shakeel Qureshi Fluoro-guided transseptal puncture Discussion Echo guidance for transseptal puncture (TEE and ICE) Discussion New devices for transseptal puncture Discussion Subxiphoid pericardial access Discussion Challenging cases - Case presentations CT planning for transseptal puncture Discussion	Habib Gamra Bushra Rana Saibal Kar Andreas Metzner Kevin Walsh Dee Dee Wang
10:10 – 11:40	<b>COFFEE BREAK</b>	

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<b>10:40 – 11:50</b>	<b>NEW IMAGING TECHNIQUES</b>	
	Moderators: Lars Sondergaard, Dee Dee Wang	
	Panelists: Matthew Daniels, Tom De Potter,	
	Q&A moderator: Brian P O'Neill	
	Mini, micro, pediatric TEE: which one will replace traditional TEE?	<i>tbc</i>
	Discussion	
	4D ICE: value proposition for application in large scale LAAO implantations	Alok Sharma
	Discussion	
	Fusion imaging: real-world application and efficiency in clinical practice	Alexander Sedaghat
	Discussion	
	Echo-Fluoro fusion imaging in left atrial appendage closure	Shazia Afzal
	Discussion	
	Dielectric imaging for all parts of the left atrium: ready for real-time?	Mazen Albaghdadi
	Discussion	
<b>11:50 – 13:10</b>	<b>OPINIONS ON CURRENT GUIDELINES AND RECENT AND UPCOMING CLINICAL TRIALS</b>	
	Moderators: Maurice Buchbinder, Apostolos Tzikas	
	Panelists: Shephal Doshi, Saibal Kar, Vivek Reddy, Randy Lee, Suneet Mittal, Simon Lam, Hidehiko Hara, Habib Gamra	
	Q&A moderator: ....	
	<b>Guidelines</b>	
	European / American / African	Apostolos Tzikas
	Asian / Australia	Yat Yin Lam
	<b>Panel discussion</b>	
	<b>Recent and upcoming trials</b>	
	PINNACLE, Champion AF, Option trial	Shephal Doshi
	Catalyst and Amulet IDE	Vivek Reddy
	LAAOS III	Richard Whitlock
	Amaze Trial	Suneet Mittal



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	Updates on other ongoing randomized trials	Ulf Landmesser
	<b>Panel discussion</b>	
13:10 – 13:25	<b>LUNCH IN THE INDUSTRY EXHIBITION</b>	
13:25 – 14:45	<b>NEW INDICATIONS TO CONSIDER</b>	
	Moderators: Ole De Backer, Stefan Bertog	
	Panelists: Lucas Boersma, Philippe Garot, Martin Bergmann, Ignacio Cruz Gonzalez	
	Q&A moderator: Ole De Backer, Stefan Bertog	
	Cerebral microbleeds on brain imaging: An independent risk factor for future hemorrhagic stroke?	<i>tb</i>
	Discussion	
	Any evidence for percutaneous LAA closure in patients with ischemic stroke under oral anticoagulation?	Ignacio Cruz Gonzalez
	Discussion	
	Percutaneous LAA closure in patients with a thrombus in the LAA: protective or high risk?	Nicolas Amabile
	Discussion	
	Role of LAA in advanced forms of Atrial Fibrillation	Suneet Mittal
	Routine LAA closure in patients undergoing Afib ablation?	Oussama Wazni
	Discussion	
	<b>Debate: Should we combine LAA closure with transcatheter valve therapy</b>	
	For	Samir Kapadia
	Against	Mauricio Taramasso
	Discussion	
	LAA occlusion during cardiac surgery to prevent stroke	Richard Whitlock
	Discussion	
14:45 – 15:30	<b>LIVE CASE FROM CARDIOVASCULAR CENTER FRANKFURT CVC</b>	
	Moderators: Martin Bergmann, Achile Gaspardone	
	Panelists: Dabit Arzamendi, DJ Lakkireddy, Shazia Afzal, Alok Sharma	
	Q&A moderator <i>tb</i>	

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	Discussion	
15:30 – 16:00	<b>COFFEE BREAK</b>	
16:00 – 17:15	<b>HOW TO BUILD AND MAINTAIN A PROGRAM</b>	
	Moderators: Shakeel Qureshi, Apostolos Tzikas	
	Panelists: Saibal Kar, Simon Lam, Yoshifumi Nakajima, Martin Bergmann, Matthew Daniels, Achille Gaspardone, Lucas Boersma	
	Q&A moderator: tbc	
	My checklist for starting a referral program	Saibal Kar
	Panel discussion: international perspectives	Panel and Hidehiko Hara, Yoshifumi Nakajima, Simon Lam,
	My checklist for setting up a procedure	Saibal Kar or Simon Lam
	Panel discussion: international perspectives	Panel and Hidehiko Hara, Yoshifumi Nakajima, Simon Lam
	My checklist for post-procedural management	Saibal Kar or Martin Bergman
	Panel discussion: international perspectives	Panel and Hidehiko Hara, Yoshifumi Nakajima, Simon Lam
17:15 – 18:45	<b>PREVENTION AND MANAGEMENT OF COMPLICATIONS - CASE BASED LEARNING</b>	
	Moderators: Saibal Kar, Brian O’Neill	
	Panelists: Philippe Garot, , Kerstin Piayda, Tom De Potter	
	Q&A moderator: Matthew Daniels	
	<b>Case presentations:</b>	
	Device embolization	Kolja Sievert
	Discussion	
	Device related thrombus	Kerstin Piayda
	Discussion	
	Tamponade... but the device looks perfect	Saibal Kar
	Discussion	
	Residual leak	Shephal Doshi
	Discussion	

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	Transcatheter removal of failed device	David Hildick-Smith
	Discussion	
	Is the AtriClip the “bail out” LAA exclusion of choice?	Bart van Putte
	Discussion	
<b>Saturday, November 13<sup>th</sup>, 2021</b>		
<b>07:00 – 08:00</b>	<b>E-POSTER PRESENTATIONS</b>	
	Moderators: Adel Aminian, Brian O’Neill, Jason Rogers, Bushra Rana, Karin Nentwich	
<b>08:00 – 09:00</b>	<b>LIVE CASE FROM CARDIOVASCULAR CENTER FRANKFURT CVC</b>	
	Moderators: Thorsten Hanke, Shakeel Qureshi	
	Panelists: DJ Lakkireddy, Jason Rogers	
	Q&A moderator: Ole De Backer	
	Discussion	
<b>09:00 – 10:00</b>	<b>NEWER OR LESS FREQUENTLY USED DEVICES – CASE BASED DISCUSSION</b>	
	Moderators: Lars Sondergaard, DJ Lakkireddy	
	Panelists: Ole de Backer, Karin Nentwich, Thorsten Hanke,	
	Q&A moderator: tbc	
	Lambre	Norbert Klein
	OMEGA	Ole De Backer
	Epicardial LAA exclusion in contraindicated OAC patients	Karin Nentwich
	Surgical devices	Thorsten Hanke
	Suture techniques	Richard Whitlock
	Discussion	
<b>10:00 – 10:30</b>	<b>COFFEE BREAK</b>	
<b>10:30 – 13:00</b>	<b>CASE BASED LEARNING: STEP BY STEP AND TIPS AND TRICKS FOR COMMONLY USED DEVICES</b>	
	Moderators: Ole de Backer, tbc	
	Panelists: Nina Nentwich, Felix Meincke, Achille Gaspardone	

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	Q&A moderator: Dabit Arzamendi	
	<b>Watchman FLX</b>	
	Step by step	Maurice Buchbinder
	3 different morphologies: Tips and tricks	Jacqueline Saw
	My most challenging case	tbc
	Discussion	
	<b>Amulet</b>	
	Step by step	Felix Meincke
	The new steerable sheath for the Amulet device	Lars Sondergaard
	3 different morphologies: Tips and tricks	Dabit Arzamendi
	My most challenging case	Apostolos Tzikas
	Discussion	
	<b>LAmbre</b>	
	Step by step	Xavier Freixa
	LAmbre FIM in USA	Brian O'Neill
	Discussion	
<b>13:00 – 13:15</b>	<b>LUNCH IN THE INDUSTRY EXHIBITION</b>	
<b>13:15 – 14:15</b>	<b>LIVE CASE FROM CARDIOVASCULAR CENTER FRANKFURT CVC</b>	
	Moderators: Bushra Rana, Marcus Sandri	
	Panelists: Adel Aminian, Carsten Skurk, Nicolas Amabile,	
	Q&A moderator: Lucas Boersma	
	Discussion	
<b>14:15 – 15:15</b>	<b>UPCOMING DEVICES - KEEP AN EYE? INVEST? FORGET?</b>	
	Moderators: Saibal Kar, Sergio Berti	
	Panelists: Jason Rogers, Bushra Rana, Marcus Sandri, Mauricio Taramasso,	
	Q&A moderator: Kolja Sievert	

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	<b>Round table discussion:</b> What are the advantages or disadvantages of each device	
	SeaLA	Horst Sievert
	Endomatic	Horst Sievert
	Appligator	Zachi Berger
	IrisSeal	Larry Meng
	Laminar	Jason Rogers
	Occlufit	tbc
	Fidus LAA occluder	Guangyuan Song
	Discussion	
<b>15:15 – 15:45</b>	<b>COFFEE BREAK</b>	
<b>15:45 – 16:30</b>	<b>LIVE CASE TRANSMISSION FROM CARDIOVASCULAR CENTER FRANKFURT CVC</b>	
	Moderators: Dee Dee Wang, Achille Gaspardone	
	Panelists: Marek Grygier, Carsten Skurk, Philippe Garot	
	Q&A moderator: Matthew Daniels	
	Discussion	
<b>16:30 – 18:30</b>	<b>PREVENTION AND MANAGEMENT OF COMPLICATIONS - CASE BASED LEARNING</b>	
	Moderators: Shakeel Qureshi, tbc	
	Panelists: Matthew Daniels, Marek Grygier, Mauricio Taramasso,	
	Q&A moderator: Dee Dee Wang	
	<b>Case presentations:</b>	
	Surgical removal of failed device	Gorav Ailawadi
	Discussion	
	Misplaced device	tbc
	Discussion	
	Periprocedural stroke	tbc
	Discussion	
	Thrombus on thrombus	Apostolos Tzikas
	Discussion	
	Pulmonary artery perforation	Marek Grygier
	Discussion	

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	My most challenging case	Carsten Skurk
	Discussion	
	<b>CLOSING REMARKS</b>	

**THANK YOU FOR YOUR INTEREST IN CSI FOCUS LAA 2021.**



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cme4u GmbH – Congresses, Meetings and Education  
Stanislava Kolková, Miriam Vazquez or Ivana Veljkovic

Röntgenstraße 7–9

60388 Frankfurt

Telefon 06109 69 60 760

E-Mail [s.kolkova@cme4u.org](mailto:s.kolkova@cme4u.org), [m.vazquez@cme4u.org](mailto:m.vazquez@cme4u.org) or [i.veljkovic@cme4u.org](mailto:i.veljkovic@cme4u.org)