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Saarland University Medical Center, Homburg/Saar, Germany

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**Dr. Emmanuel Lansac**, Institute Mutualiste Montsouris, Paris, France

**Prof. Dr. Ehud Raanani**, Tel Aviv University, Israel

**Dr. Ulrich Schneider**, Saarland University Medical Center, Germany

## Group Dinner with Faculty

### ■ Wednesday

20:00 Group Dinner

### ■ Thursday

20:00 Group Dinner

## LOCATION

University Hospital of Saarland · Kirrberger Str. 1 · 66421 Homburg/Saar · Germany

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## REGISTRATION

For more information or to register, please contact KelCon: [s.herbert@kelcon.de](mailto:s.herbert@kelcon.de)

The CME-certification for this program will be requested accordingly.

The admission fee will be 800 Euro net for the 3-day module.

This fee includes: participation, 1 wetlab, catering and dinner.

Hotel room and transportation from/to Airport are not included in the admission fee.

This program is sponsored by an independant Educational grant from Edwards Lifesciences.



Edwards Lifesciences

We also thank following companies for supporting our workshop



FEHLING  
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*la pratica dev' essere edificata sopra la buona teorica  
(Practice must always be founded on sound theory)  
Leonardo Da Vinci*



# PROGRAM

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## Reconstruction of the Aortic Valve and Root A practical approach

■ Wednesday, May 17<sup>th</sup> to Friday, May 19<sup>th</sup>, 2017

### Location

University Hospital of Saarland  
Homburg/Saar, Germany

### Chairman

Prof. Hans-Joachim Schäfers



UKS  
Universitätsklinikum  
des Saarlandes

Dear Colleague,

Repair of the aortic valve is becoming an increasingly attractive alternative to replacement, in particular due to the low incidence of valve-related complications. In order to achieve reproducible repair results, it is important that the surgeon understands and applies the basic concepts that are specific for the reconstruction of the aortic valve.

We have been dedicated to this field for 20 years. Based on systematic research we have developed reconstructive strategies that can be applied to many regurgitant aortic valves, and we have attempted to advance the principal concepts from art to science. We are happy to share our experience and concepts in this workshop which we have specially designed in a didactic way that allows most participants to reproduce the content.

Intended audience:

- Surgeons who want to start aortic valve repair or wish to expand their knowledge

Course objectives:

- Clarify the interaction of cusp and root pathologies in aortic regurgitation
- Understand the echocardiographic characteristics of different mechanisms of regurgitation
- Learn the morphologic characteristics of normal aortic valve form
- Understand the concepts of aortic root and cusp repair
- Learn the limits of reparability

We have prepared a combination of didactic lectures, video presentations, “hands-on“ wetlab and live operations. **Please bring your surgical loupes for the wetlab.** We will be happy to provide you with DVDs of the recorded live operations subsequently.

We look forward to welcoming you for three exciting days with condensed learning and interaction.



Professor Dr. Hans-Joachim Schäfers

PS: Save the date! We will host the next ‘Reconstruction of the Aortic Valve and Root: A practical approach’ course on September 13<sup>th</sup> to 15<sup>th</sup>, 2017.

Day 1

08.30	Arrival, registration	
09.00	Welcome and introduction	H.-J. Schäfers
09.45	Aortic regurgitation and aneurysm- Epidemiology and guidelines	W. Fehske
	<b>BREAK</b>	
10.30	Anatomy of aortic valve and root	M. Heinemann
11.00	AV repair – the Homburg approach	H.-J. Schäfers
11.30	Why and when to repair the aortic valve	I. El-Hamamsy
	<b>BREAK</b>	
13.00	Videos root repair	H.-J. Schäfers
14.00	Root repair – the Tel Aviv approach	E. Raanani
14.20	Echo assessment of AR and its mechanisms	W. Fehske
14.40	Repair or Ross operation	I. El-Hamamsy
	<b>BREAK</b>	
15.30	The AV junction in aortic repair	E. Lansac
16.00	Videos cusp repair	H.-J. Schäfers
17.00	Results of cusp and root repair	C. Giebels
18.00	Adjourn	

Day 2

07.45	Case presentations Live operations: Moderation E. Raanani	
08.00	Case #1 Root repair	
09.30	Case #2 Root repair	
10.15	Shortcut to echo – intraop. echo and morphology	F. Langer
	<b>BREAK</b>	
11.15	Case #3 Root repair	
12.15	Discussion	
	<b>BREAK</b>	
13.00	Reimplantation should be the preferred technique	E. Raanani
13.15	Remodeling is my standard approach	H.-J. Schäfers
14.00	3-dimensional echo in aortic valve repair	W. Fehske
14.30	How to start root repair	H.-J. Schäfers
	<b>BREAK</b>	
15.30	Wetlab (bring your loupes!)	Faculty
18.00	Adjourn	

Day 3

07.45	Case presentations Live operations: Moderation I. El-Hamamsy	
08.00	Case #1 Cusp repair	
09.00	Case #2 Cusp repair	
10.00	BAV Aortopathy – to replace or not to	F. Kari
	<b>BREAK</b>	
11.00	Case #3 Cusp repair	
11.45	Case #4 Cusp repair	
12.15	Discussion	
	<b>BREAK</b>	
13.00	How to start an aortic valve repair program	I. El-Hamamsy
13.30	20 years of BAV repair	U. Schneider
14.00	How to start cusp repair	H.-J. Schäfers
14.30	Adjourn	
	<b>FACULTATIVE:</b>	
15.00	2 <sup>nd</sup> wetlab for interested participants (pre-booking)	