

## CHAIRMAN

**Prof. Dr. Hans-Joachim Schäfers**

Saarland University Medical Center, Homburg/Saar, Germany

## FACULTY

**PD Dr. Diana Aicher**, Saarland University Medical Center, Homburg/Saar, Germany

**Prof. Dr. Torsten Doenst**, University of Jena, Germany

**PD Dr. Wolfgang Fehske**, St. Vinzenz Hospital, Cologne, Germany

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

**Dr. Carlos Porras**, University of Malaga, Spain

**PD Dr. Dr. Stephan Schirmer**, Saarland University Medical Center, Homburg/Saar, Germany

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

## 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

Phone +49-6841-1632000 · Fax +49-6841-1632005

Email: [cardiovascular.surgery@uks.eu](mailto:cardiovascular.surgery@uks.eu) · [www.uniklinikum-saarland.de/herzchirurgie](http://www.uniklinikum-saarland.de/herzchirurgie)

## REGISTRATION

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

This program is CME-certified.

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 independent Educational grant from Edwards Lifesciences.



Edwards Lifesciences

We also thank following companies for supporting our workshop



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



# PROGRAM

# PROGRAM

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

■ **Wednesday, May 20<sup>th</sup> to Friday, May 22<sup>nd</sup>, 2015**

### 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 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 to reconstruction of the aortic valve.

We have been dedicated to this field for 20 years. Based on systematic research we have developed reconstructive strategies for 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 designed in a didactic way to allow most of the participants to reproduce the content.

Intended audience:

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

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 cusp and root repair
- Learn the limits of reparability

We have prepared a combination of didactic lectures, video presentations, “hands-on“ wetlab and live operations. All of you are strongly encouraged to discuss and ask questions. **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 16<sup>th</sup> to 18<sup>th</sup>, 2015.

## Day 1

08.30	Arrival, registration	
09.00	Welcome and introduction	H.-J. Schäfers
09.45	Aortic regurgitation and aneurysm – Epidemiology and guidelines	S. Schirmer
	<b>BREAK</b>	
10.30	Anatomy of aortic valve and root	E. Lansac
11.00	AV repair – the Homburg approach	H.-J. Schäfers
11.30	Why and when to repair the aortic valve	D. Aicher
	<b>BREAK</b>	
13.00	Echo assessment of AR and its mechanisms	S. Schirmer
13.30	Aortic valve reimplantation	T. Doenst
	<b>BREAK</b>	
14.30	Videos root repair	H.-J. Schäfers
15.30	Results of root repair	D. Aicher
	<b>BREAK</b>	
16.30	Videos cusp repair	H.-J. Schäfers
17.30	Results of cusp repair	D. Aicher
18.00	Adjourn	

## Day 2

07.45	Case presentations	
	Live operations: Moderation E. Lansac / T. Doenst	
08.15	Case #1	
09.30	Case #2	
10.15	Bicuspid aortic valve repair and aortopathy	E. Raanani
	<b>BREAK</b>	
11.15	Case #3	
12.45	Discussion of the cases	
	<b>BREAK</b>	
13.30	Reimplantation should be the standard technique	E. Raanani
13.50	Remodeling should be the preferred root repair	E. Lansac
14.15	3-dimensional echo in aortic valve analysis	W. Fehske
	<b>BREAK</b>	
15.00	How to start root remodeling	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 E. Raanani	
08.15	Case #1	
09.00	Case #2	
10.00	Annular stabilization in aortic valve repair	E. Lansac
10.30	Discussion	
	<b>BREAK</b>	
11.00	Case #3	
12.00	Case #4	
12.45	How to start an aortic valve repair program	C. Porras
	<b>BREAK</b>	
13.30	Concluding discussion	
14.30	Adjourn	
	<b>FACULTATIVE:</b>	
15.00	2 <sup>nd</sup> wetlab for interested participants (pre-booking only)	