#### **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

Dr. Sebastian Ewen, Saarland University Medical Center, Homburg/Saar, 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

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

Dr. Ulrich Schneider, Saarland University Medical Center, Homburg/Saar, Germany

### **Group Dinner with Faculty**

Wednesday20:00 Group Dinner

Thursday20:00 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 · www.uniklinikum-saarland.de/herzchirurgie

#### REGISTRATION

For more information or to register, please contact KelCon: j.kuenstler@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.



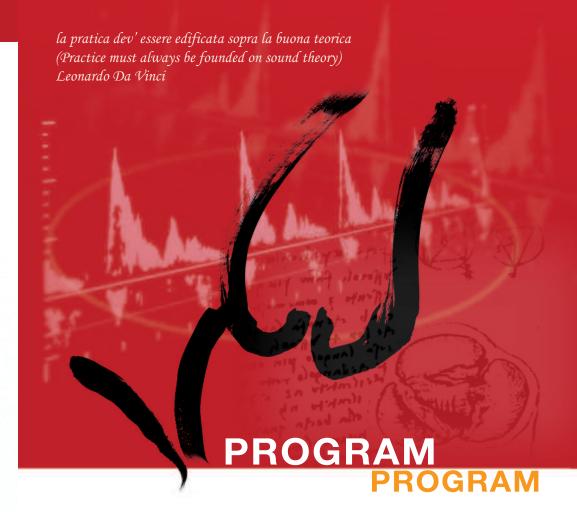
We also thank following companies for supporting our workshop











Reconstruction of the Aortic Valve and Root A practical approach

■ Wednesday, April 27th to Friday, April 29th, 2016

Location

University Hospital of Saarland Homburg/Saar, Germany

Chairman

Prof. Hans-Joachim Schäfers



# 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 repairability

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 14<sup>th</sup> to 16<sup>th</sup>, 2016.



Day 1	08.30 09.00 09.45 10.30 11.00 11.30 13.00 13.15 13.30	Arrival, registration Welcome and introduction Aortic regurgitation and aneurysm- Epidemiology and guidelines BREAK Anatomy of aortic valve and root AV repair – the Homburg approach Why and when to repair the aortic valve BREAK Videos root repair Echo assessment of AR and its mechanisms Results root repair BREAK	HJ. Schäfers S. Ewen E. Lansac HJ. Schäfers D. Aicher HJ. Schäfers W. Fehske D. Aicher
	14.30 15.30	Videos root repair II The AV junction in aortic repair	HJ. Schäfers
	16.00	Videos cusp repair	E. Lansac HJ. Schäfers
	17.30	Results of cusp repair	D. Aicher
	18.00	Adjourn	
Day 2	07.45 08.00	Case presentations Live operations: Moderation E. Lansac Case #1	
	09.30	Case #2	
	10.15	Failures after aortic repair  BREAK	D. Aicher
	11.15	Case #3	
	12.15	Discussion BREAK	
	13.00	Reimplantation should be the preferred technique	E. Raanani
	13.15 14.00	Remodeling as standard approach 3-dimensional echo in aortic valve repair	HJ. Schäfers W. Fehske
	14.30	How to start root repair	HJ. Schäfers
		BREAK	
	15.30	Wetlab (bring your loupes!)	Faculty
	18.00	Adjourn	
Day 3	07.45	Case presentations Live operations: Moderation E. Raanani	
	08.00	Case #1	
	09.00	Case #2	
	10.00	BAV Aortopathy and valve repair BREAK	E. Raanani
	11.00	Case #3	
	11.45	Case #4	
		Discussion BREAK	
	13.00	How to start an aortic valve repair program	C. Porras
	13.30	20 years of BAV repair	U. Schneider
	14.00	How to start cusp repair	HJ. Schäfers
	14.30	Adjourn	
	15.00	FACULTATIVE: 2nd wetlab for interested participants (pre-booking only)	