

## 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

■ **Wednesday**

20:00 Group Dinner

■ **Thursday**

20:00 Group Dinner

## LOCATION

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## REGISTRATION

For more information or to register, please contact KelCon: [j.kuenstler@kelcon.de](mailto: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 independent Educational grant from Edwards Lifesciences.



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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 PROGRAM

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

■ **Wednesday, April 27<sup>th</sup> to Friday, April 29<sup>th</sup>, 2016**

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

Day 1

|       |   |                |
|-------|---|----------------|
| 08.30 | Arrival, registration   |                |
| 09.00 | Welcome and introduction  | H.-J. Schäfers |
| 09.45 | Aortic regurgitation and aneurysm-<br>Epidemiology and guidelines | S. Ewen        |
|       | <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 | Videos root repair  | H.-J. Schäfers |
| 13.15 | Echo assessment of AR and its mechanisms                          | W. Fehske      |
| 13.30 | Results root repair   | D. Aicher      |
|       | <b>BREAK</b>  |                |
| 14.30 | Videos root repair II   | H.-J. Schäfers |
| 15.30 | The AV junction in aortic repair                                  | E. Lansac      |
| 16.00 | 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            |                |
| 08.00 | Case #1  |                |
| 09.30 | Case #2  |                |
| 10.15 | Failures after aortic repair                     | D. Aicher      |
|       | <b>BREAK</b>                                     |                |
| 11.15 | Case #3  |                |
| 12.15 | Discussion                                       |                |
|       | <b>BREAK</b>                                     |                |
| 13.00 | Reimplantation should be the preferred technique | E. Raanani     |
| 13.15 | Remodeling as 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 E. Raanani                                |                |
| 08.00 | Case #1   |                |
| 09.00 | Case #2   |                |
| 10.00 | BAV Aortopathy and valve repair                                       | E. Raanani     |
|       | <b>BREAK</b>  |                |
| 11.00 | Case #3   |                |
| 11.45 | Case #4   |                |
|       | Discussion  |                |
|       | <b>BREAK</b>  |                |
| 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  | H.-J. Schäfers |
| 14.30 | Adjourn   |                |
|       | <b>FACULTATIVE:</b>   |                |
| 15.00 | 2 <sup>nd</sup> wetlab for interested participants (pre-booking only) |                |