Main Objectives

- To present the current knowledge about orbital surgery and primary and secondary orbital reconstruction in traumatic conditions and in primary and secondary reconstruction of tumor patients
- To evaluate outcomes, successes, and approaches to complications associated with the repair of complex orbital fractures
- To demonstrate different materials, new procedures, and developments in orbital reconstruction
- To discuss difficult conditions of the Graves’ Disease

This course is designed as a state-of-the-art analysis of surgical challenges of the orbit. This includes a focused, advanced discussion of approaches, materials, and challenges in trauma, and post-traumatic deformities of the orbit and tumor-related diseases of the orbit. The course consists of lectures, panel discussions on controversial topics, hands-on for computer-assisted planning and navigation.

Faculty

Ruud Bos, Groningen, The Netherlands
Leander Dubois, Amsterdam, The Netherlands
Manlio Galié, Ferrara, Italy
Nils-Clauudius Gellrich, Hannover, Germany
Beat Hammer, Aarau, Switzerland
Karsten Hufendiek, Hannover, Germany
Henry Leonhardt, Dresden, Germany
Björn Riecke, Berlin, Germany
Majeed Rana, Hannover, Germany
Alexander Schramm, Ulm, Germany
Ralf Smeeis, Hamburg, Germany
Sebastian Steppacher, Tuttlingen, Germany

Course Chairman

Ruud Bos, Groningen, The Netherlands

Course Venue

KLS Martin World
KLS Martin Platz 2
78532 Tuttlingen/Germany
www.klsmartin.com

Registration/Registration Fee

For further information, registration and cancellation policy, please go to www.sorg-group.com

Registration Fee

Surgeons: 590 EUR (incl. VAT)
Surgeons in training: 490 EUR (incl. VAT)

Course Language

English, no simultaneous translation provided.

EACMFS Credit Points

This course is pending for EACMFS credit points.

Supported by BRANLAB and PHACON

IPS Implants
Patient-specific implants, templates and guides available in different materials manufactured with the latest technologies.

IPS CaseDesigner
Intuitive software for planning and simulating surgical interventions based on individual patient data sets.

IPS Gate
A web-based platform and app guide the surgeon through the ordering, design and shipment process in a safe and efficient manner.

Meet The Experts

Current Clinical Concepts in Orbital Reconstruction

Tuttlingen, Germany
October 20th - 21st, 2016
Program
Thursday, October 20th, 2016

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**Program**

**Part: Orbital Trauma**
Session Chairman: Ruud Bos

- **09:00** – **09:30**
  Treatment strategies in orbital fracture repair (approaches, indications, timing)
  - Schramm

- **09:30** – **10:00**
  (Bio-)Materials for orbital reconstruction
  - Smeets

- **10:00** – **10:30**
  Primary orbital fractures using (pre-)bent and preformed implants
  - Dubois

- **10:30** – **11:00**
  Primary orbital fractures using customized patient specific implants
  - Rana

- **11:00** – **11:45**
  Discussion and Coffee Break

- **11:45** – **12:15**
  Secondary orbital fractures using customized patient specific implants
  - Gellrich

- **12:15** – **12:45**
  Complications and side effects of orbital fracture repair from the ophthalmological perspective
  - Hufendiek

- **12:45** – **13:00**
  Discussion

- **13:00** – **14:15**
  Lunch Break

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**Program**

Friday, October 21st, 2016

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**Part: Orbital Trauma**
Session Chairman: Alexander Schramm

- **14:15** – **14:45**
  Microvascular reconstruction of the orbit and midface after ablative surgery
  - Riecke

- **14:45** – **15:15**
  Controversies in orbital reconstruction – mesh vs. bone grafts
  - Hammer

- **15:15** – **15:45**
  Management of soft tissue problems in post-traumatic orbital deformities
  - Leonhardt

- **15:45** – **16:15**
  Discussion and questions

- **16:45** – **17:15**
  “Correcting the correction” using CAS-planning and CAS-treatment
  - Gellrich

- **17:15** – **18:15**
  Panel discussion: review and discussion of selected cases (panel)

- **18:15** – **18:30**
  Summary and end of day 1
  - Bos

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**Part: Orbital Reconstruction**
Session Chairman: Alexander Schramm

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Functional, morphological and aesthetic rehabilitation in endocrine orbitopathy</td>
<td>Galil</td>
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<td>08:30</td>
<td>Naso-orbito-ethmoidal fractures and telecanthus correction</td>
<td>Leonhardt</td>
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<td>09:00</td>
<td>Orbital malposition in craniofacial surgery for congenital deformities</td>
<td>Galil</td>
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**Program**

Friday, October 21st, 2016

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**Part: Imaging and Navigation**
Session Chairman: Ruud Bos

- **10:00** – **10:30**
  Introduction to IPS Gate, IPS CaseDesigner and manufacturing process
  - Steppacher

- **10:30** – **11:00**
  Intraoperative imaging: Does it contribute to better treatment outcome in orbital reconstruction?
  - Schramm

- **11:00** – **11:30**
  Basics of virtual planning and intraoperative navigation in orbital reconstruction
  - Rana

- **11:30** – **12:45**
  Panel discussion: review and discussion of selected cases (panel)

- **12:45** – **13:30**
  Lunch Break

- **13:30** – **13:45**
  Panel discussion: review and discussion of selected cases (panel)

- **13:45** – **15:30**
  Practical Session 1
  Hands-on interactive imaging analysis and use of navigation
  - Step-by-step (Group A)

  Practical Session 2
  Intraoperative imaging in operation room
  - Step-by-step Phacen Dummy (Group B)

- **15:30** – **16:30**
  Practical Session 3
  Hands-on interactive imaging analysis and use of navigation
  - Step-by-step Phacen Dummy (Group B)

- **16:30** – **18:00**
  Panel discussion: review and discussion of selected cases (panel)

- **18:00** – **20:00**
  Panel discussion: review and discussion of selected cases (panel)

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**Program**

Friday, October 21st, 2016

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