

## General Information

### 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 Galiè**, Ferrara, Italy

**Nils-Claudius Gellrich**, Hannover, Germany

**Beat Hammer**, Aarau, Switzerland

**Karsten Hufendieck**, Hannover, Germany

**Henry Leonhardt**, Dresden, Germany

**Björn Riecke**, Berlin, Germany

**Majeed Rana**, Hannover, Germany

**Alexander Schramm**, Ulm, Germany

**Ralf Smeets**, Hamburg, Germany

**Sebastian Steppacher**, Tuttlingen, Germany

## General Information

### 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](http://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 BRAINLAB and PHACON



Organizer: Gebr. Martin GmbH & Co. KG, 78532 Tuttlingen, Germany

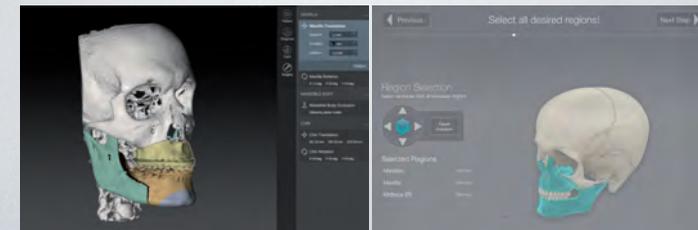
## Individual Patient Solutions

*One Patient. One Solution.*



#### 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.

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GROUP

## Meet The Experts

# Current Clinical Concepts in Orbital Reconstruction

Hands-on  
for computer-assisted  
planning and navigation

**Tuttlingen, Germany**

**October 20<sup>th</sup> - 21<sup>st</sup>, 2016**



International Course

**S.O.R.G.** ACADEMY

[www.sorg-group.com](http://www.sorg-group.com)

# Current Clinical Concepts in Orbital Reconstruction

## Program

Thursday, October 20<sup>th</sup>, 2016

<b>08:00 – 08:30</b>	Registration	
<b>08:30 – 09:00</b>	Welcome address, introduction of course chair-persons and faculty, course objectives	<b>Bos</b>
<b>Part 1: Orbital Trauma</b> <b>Session Chairman: Ruud Bos</b>		
<b>09:00 – 09:30</b>	Treatment strategies in orbital fracture repair (approaches, indications, timing)	<b>Schramm</b>
<b>09:30 – 10:00</b>	(Bio-)Materials for orbital reconstruction	<b>Smeets</b>
<b>10:00 – 10:30</b>	Primary orbital fractures using (pre-)bent and preformed implants	<b>Dubois</b>
<b>10:30 – 11:00</b>	Primary orbital fractures using customized patient specific implants	<b>Rana</b>
<b>11:00 – 11:45</b>	<b>Discussion and Coffee Break</b>	
<b>11:45 – 12:15</b>	Secondary orbital fractures using customized patient specific implants	<b>Gellrich</b>
<b>12:15 – 12:45</b>	Complications and side effects of orbital fracture repair from the ophthalmological perspective	<b>Hufendieck</b>
<b>12:45 – 13:00</b>	Discussion	
<b>13:00 – 14:15</b>	<b>Lunch Break</b>	

<b>Part 2: Orbital Reconstruction</b> <b>Session Chairman: Alexander Schramm</b>		
<b>14:15 – 14:45</b>	Microvascular reconstruction of the orbit and midface after ablative surgery	<b>Riecke</b>
<b>14:45 – 15:15</b>	Controversies in orbital reconstruction – mesh vs. bone grafts	<b>Hammer</b>
<b>15:15 – 15:45</b>	Management of soft tissue problems in post-traumatic orbital deformities	<b>Leonhardt</b>
<b>15:45 – 16:45</b>	Discussion and questions	
<b>16:45 – 17:15</b>	“Correcting the correction” using CAS-planning and CAS-treatment	<b>Gellrich</b>
<b>17:15 – 18:15</b>	Panel discussion: Review and discussion of selected cases (panel)	
<b>18:15 – 18:30</b>	Summary and end of day 1	<b>Bos</b>

## Program

Friday, October 21<sup>st</sup>, 2016

<b>Part 3: Orbital Surgery</b> <b>Session Chairman: Majeed Rana</b>		
<b>08:00 – 08:30</b>	Functional, morphological and aesthetic rehabilitation in endocrine orbitopathy	<b>Galiè</b>
<b>08:30 – 09:00</b>	Naso-orbito-ethmoidal fractures and telecanthus correction	<b>Leonhardt</b>
<b>09:00 – 09:30</b>	Orbital malposition in craniofacial surgery for congenital deformities	<b>Galiè</b>
<b>09:30 – 10:00</b>	<b>Coffee Break</b>	

<b>Part 4: Imaging and Navigation</b> <b>Session Chairman: Ruud Bos</b>		
<b>10:00 – 10:30</b>	Introduction to IPS Gate, IPS Case designer and manufacturing process	<b>Steppacher</b>
<b>10:30 – 11:00</b>	Intraoperative imaging: Does it contribute to better treatment outcome in orbital reconstruction?	<b>Schramm</b>
<b>11:00 – 11:30</b>	Basics of virtual planning and intraoperative navigation in orbital reconstruction	<b>Rana</b>
<b>11:30 – 12:45</b>	Panel discussion: Review and discussion of selected cases (panel)	
<b>12:45 – 13:30</b>	<b>Lunch Break</b>	
<b>13:30 – 15:30</b>	<b>Practical Session 1</b> Hands-on: interactive imaging analysis and use of navigation Step-by-step (Group A)	
	<b>Practical Session 2</b> Intraoperative imaging in operation room Step-by-step/Phacon Dummy (Group B)	
	<b>Rana/Schramm</b>	
<b>15:30 – 15:45</b>	Summary and end of course (certificate distribution)	<b>Chairmen</b>

