

**HEIDELBERG**  
**SHOULDER CONVENTION 2008 –**  
**Strategies in shoulder arthroplasty**  
**NOVEMBER 07 – 08, 2008**

[www.hsc2008.org](http://www.hsc2008.org)



**Live Surgeries ■ Lectures ■ Cadaver Course**



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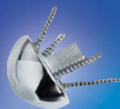
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Dear colleagues,

Two years ago, the "Heidelberg Shoulder Convention 2006" was the first meeting solely dedicated to shoulder arthroplasty in Germany. Ever since then, more and more orthopaedic surgeons have growing experience with the implantation of shoulder prosthesis. Reverse arthroplasty is booming, resurfacing numerically has gained in importance and completely new stemless designs were brought on to the market. Especially for the "not too experienced" shoulder surgeon the determination and decision making among these complex philosophies of joint replacement can be awkward.

Our 2nd "Heidelberg Shoulder Convention – Strategies in Shoulder Arthroplasty" wants to support indications which are adapted to the pathological requirements. In four live surgeries, the most established types of prosthesis will be implanted by experts.

In cadaver workshops and dry-labs, the participants will have the opportunity to practice operations supervised by experienced surgeons. Over 2 days, many lectures will be held, covering the whole field: From indications, implants, surgical procedures to the current controversies in shoulder arthroplasty.

Aside from the official schedule, there will be the opportunity to talk and meet the experts and other colleagues.

Heidelberg, the romantic city on the River Neckar and site of Germany's oldest university is the perfect location for this meeting.

We are looking forward to your active attendance!

*PETER HABERMEYER*

*MARKUS LOEW*

## SCIENTIFIC PROGRAMME AT A GLANCE

### Friday, November 07, 2008, 08:00 – 18:00

- 08:00 – 10:30 Live surgeries (parallel sessions)
- 10:30 – 11:00 Coffee break and visit of exhibition
- 11:00 – 13:00 Total shoulder arthroplasty (TSA)
- 13:00 – 14:30 Lunch break and workshop (hands-on)
- 14:30 – 16:00 Minimizing shoulder arthroplasty (MSA)
- 16:00 – 16:30 Coffee break and visit of exhibition
- 16:30 – 18:00 Joint replacement in cuff deficient shoulders
- 20:00 Congress Dinner at the Palais Prince Carl (Heidelberg)

### Saturday, November 08, 2008, 08:00 – 17:30

- 08:00 – 10:30 Live surgeries (parallel sessions)
- 10:30 – 11:00 Coffee break and visit of exhibition
- 11:00 – 13:00 Fractures and Sequelae
- 13:00 – 14:00 Lunch break
- 14:30 – 17:30 Cadaver workshop (details see page 11-12)

## Friday, November 07, 2008

- **08:00 – 10:30**    **Live surgeries**
  - 1. Osteoarthritis:  
Total shoulder arthroplasty  
(Aequalis®)  
*LOEW, M.*
  - 2. Posttraumatic avascular necrosis  
(Arthrex Eclipse™)  
*RESCH, H.*
  
- 10:30 – 11:00**    **Coffee break and visit of exhibition**
  
- **11:00 – 13:00**    **Total Shoulder Arthroplasty (TSA)**  
Chairmen: *WILLEMS, J., HABERMEYER, P.*
  
- 11:00 – 11:15    Indications, limits and timing of TSA  
*WILLEMS, J.*
  
- 11:15 – 11:30    How does TSA restore normal  
anatomy and kinematics  
*STEINBECK, J.*
  
- 11:30 – 11:40    Planning – crucial preoperative  
information  
*WERNER, A.*
  
- **11:40 – 11:50**    **Discussion**
  
- 11:50 – 12:00    Humeral exposure:  
tendon – capsule – nerve  
*WIEDEMANN, E.*
  
- 12:00 – 12:10    Humeral head resection – freehand  
or cutting guide?  
*RICKERT, M.*
  
- 12:10 – 12:20    Glenoid exposure and preparation  
techniques  
*LICHTENBERG, S.*
  
- 12:20 – 12:30    Navigation – getting closer to normal  
anatomy?  
*KIRCHER, J.*
  
- 12:30 – 12:40    Phase out: soft tissue management  
and balancing  
*LEHMANN, L.*
  
- 12:40 – 12:50    Which troubles can I avoid in TSA  
*AMBACHER, T.*

- 12:50 – 13:00 **Discussion**
- 13:00 – 14:30 **Lunch break and workshop  
(hands-on see page 17)**
- 14:30 – 16:00 **Minimizing Shoulder Arthroplasty (MSA)**  
Chairmen: *HERTEL P, RICKERT, M.*
- 14:30 – 14:40 Arthroscopy in Osteoarthritis – does it really work?  
*KASTEN, P.*
- 14:40 – 14:50 Indications, limits and timing of MSA  
*LOEW, M.*
- 14:50 – 15:00 Osteochondral lesions – repair and replacement  
*IMHOFF, A.*
- 15:00 – 15:10 Cup-Resurfacing – a challenging procedure  
*STEINBECK, J.*
- 15:10 – 15:20 Stemless head replacement  
*MAGOSCH, P.*
- 15:20 – 15:30 Conventional hemiarthroplasty – are there still indications?  
*ROZING, P.M.*
- 15:30 – 15:40 How to treat the glenoid in MSA  
*HERTEL, P.*
- 15:40 – 16:00 **Discussion**
- 16:00 – 16:30 **Coffee break and visit of exhibition**



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**16:30 – 18:00 Joint Replacement in Cuff Deficient Shoulders**Chairmen: *ROZING, P.M., MOLÉ, D.*

16:30 – 16:40 Special challenges for joint replacement in rheumatoid arthritis  
*ROZING, P.M.*

16:40 – 16:50 Active muscle transfers – where are the limits?  
*HABERMEYER, P.*

16:50 – 17:00 Alternative prosthetic options in CTA  
*RICKERT, M.*

17:00 – 17:10 Reversed prosthesis in CTA – general considerations  
*DE WILDE, L.*

17:10 – 17:20 Surgical technique of reversed prosthesis  
*MOLÉ, D.*

17:20 – 17:30 Reversed prosthesis combined with latissimus transfer  
*JOST, B.*

17:30 – 17:40 Avoiding pitfalls in reversed prosthesis  
*SEEBAUER, L.*

17:40 - 17:50 Reversed prosthesis for revisions – does it always work  
*GOHLKE, F.*

**17:50 - 18:00 Discussion**

- **08:00 - 10:30**     **Live surgeries (Parallel sessions)**

  1. Cuff tear arthropathy (Aequalis reversed®)  
*MOLÉ, D.*
  2. Revision arthroplasty for chronic fracture sequelae (Arthrex)  
*HABERMEYER, P.*
  
- **10:30 – 11:00**     **Coffee break and visit of exhibition**
  
- **11:00 - 13:00**     **Fractures and Sequelae**  
Chairmen: *BOILEAU, P., LOEW, M.*

  - 11:00 – 11:10     Primary hemi-arthroplasty for treatment of proximal humeral fractures  
*LILL, H.*
  - 11:10 – 11:20     Factors related to tuberosity healing  
*SCHEIBEL, M.*
  - 11:20 – 11:30     Reversed prosthesis for acute complex fractures in the elderly  
*MOLÉ, D.*
  - 11:30 - 11:40     Complications with primary arthroplasty after acute fracture replacement  
*WAMBACHER, M.*
  - 11:40 – 11:50     Hemi- and total shoulder replacement in chronic fractures  
*BOILEAU, P.*
  - 11:50 – 12:00     Chronic posterior fracture dislocation – prosthetic options  
*HABERMEYER, P.*
  - 12:00 – 12:10     Non-Union in chronic proximal humeral fractures  
*BRUNNER, U.*
  - 12:10 - 12:20     Treatment of perioperative humeral shaft fracture  
*WIEDEMANN, E.*
  - 12:20 - 12:30     Management of infection complications after shoulder arthroplasty  
*LÖHR, J.*

12:30 – 12:40      Technique of shoulder arthrodesis  
*KLONZ, A.*

■ 12:40 – 13:00      **Discussion**

■ 13:00 – 14:00      **Lunch break**

■ 14:30 – 17:30      **Cadaver workshop**  
Organiser: *KASTEN P., LICHTENBERG, S.*  
*POLLANDT, K.*  
(See next 2 pages for details)

**Saturday, November 08, 2008**

**Institute for Anatomy and Cell Biology  
(University of Heidelberg)**

During the cadaver workshop the participants will have the opportunity to expose the shoulder joint properly and implant different types of shoulder prosthesis supplied by the sponsoring companies. The participants will rotate from a table solely dedicated to inverse arthroplasty to a table for anatomic and fracture implants. One instructor at every table will support the participants and help them with preparation and can answer questions during the crucial steps of shoulder arthroplasty. Emphasis is not only put on the bone preparation but also on soft tissue exposure including nerve and tendon releases in order to restore range of motion in the real OR setting.

**1. Soft tissue**

- 1.1. Delto-pectoral approach
- 1.2. MacKenzie approach
- 1.3. Preparation of brachial plexus and axillary nerve ("nerve to nerve release")
- 1.4. Subscapularis lengthening and mobilization
- 1.5. Capsulotomy anterior, inferior and posterior

**2. Bone**

- 2.1. Humeral head resection (free hand, landmarks, resection guides)
- 2.2. Reaming the canal
- 2.3. Implantation of shaft
- 2.4. Glenoid exposition and reaming
- 2.5. Implantation of glenoid components (cemented & cementless)

**3. Fracture arthroplasty**

- 3.1. Mobilization of tuberosities in fractures
- 3.2. Determining humeral length and head height in fracture arthroplasty
- 3.3. Refixation of tuberosities (cerclage, vertical sutures, tuberosity to stem)

#### 4. Inverse Prosthesis

- 4.1. Emphasis on different humeral head resection
- 4.2. Creating the right retroversion
- 4.3. Glenoid exposure and fixation of glenoid components
- 4.4. Determining the right tension

We would like the participants to follow the schedule that is given according to the number of participants in order to have a smooth run of the course.

We want to express our thanks to *PROFESSOR ALFRED VÖLKL* and his team from the Institute for Anatomy and Cell Biology at the University of Heidelberg for their collaboration!



Institute for anatomy and  
cell biology  
University of Heidelberg

Managing director:  
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**The cadaver workshop is kindly supported by:**



**The consumable supplies are kindly provided by:**



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### Scientific chairmen

*PROFESSOR PETER HABERMEYER*  
ATOS Clinic Heidelberg

*PROFESSOR MARKUS LOEW*  
Orthopaedic University Heidelberg

### Scientific committee

*PHILIP KASTEN, MD, PHD*

*SVEN LICHTENBERG, MD*

*PETRA MAGOSCH, MD*

*MARKUS RICKERT, MD, PHD*

### Certification

The meeting has been awarded 14 CME credits.

The cadaver workshop has been awarded 5 CME credits.

The convention is accredited for the Curriculum of the DVSE.

### Venue

German Cancer Research Center (DKFZ)  
Communication Center  
Im Neuenheimer Feld 280  
69120 Heidelberg, Germany  
[www.dkfz.de](http://www.dkfz.de)

### Organiser/Information



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### **Congress fee**

Doctor: 250,- €

Resident in training: 200,- €\*

Physiotherapist/medical assistant: 100,- €\*

\*only with document indicating level of training

### **Cadaver workshop**

Fee: 300,- €

The congress language is English.

### **Opening hours of registration desk**

Friday, November 07, 2008: 07:30-18:00

Saturday, November 08, 2008: 07:30-15:00

### **Online registration**

Registration through internet:

[www.registration.intercongress.de](http://www.registration.intercongress.de)

or with the registration form enclosed in this programme.

### **Accommodation**

Convention & Visitors Bureau, Heidelberg

For reservations via e-mail please use:

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Tel: +49 (0)6221/1422-24 or 26.

There is also a fax form available at the congress website.

### **Lunch-workshop – Plus Orthopedics GmbH**



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Friday, November 07, 2008, 13:00-14:00

Title: PROMOS – from anatomical to inverse

Room: Konferenzraum K2 (1st floor)

## CONGRESS DINNER



Join us for a joyful evening at the historic Palais Prince Carl in Heidelberg, right in the heart of the Old Town. Tickets at € 35,- per person include dinner and drinks during the evening. Book your ticket via **[www.registration.intercongress.de](http://www.registration.intercongress.de)** or by returning the registration form.

**Date:** Friday, November 07, 2008

**Time:** 19.30 welcome drink, 20.00 dinner

**Venue:** Palais Prince Carl  
Kornmarkt 11, 69117 Heidelberg

**Price:** € 35,- per person



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We would like to thank the main sponsors of the Heidelberg Shoulder Convention 2008 for their extraordinary support and commitment.



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*as of August, 12, 2008*

We thank BSNmedical GmbH for providing pens and writing pads.

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**Tramway:**

Take the north exit (Kurfürstenanlage) of the central station to the tram stop. Take tram number 4 with terminus "Handschuhsheim", or tram number 1 with terminus "Blumenthalstraße West" (Beware that tram number 1 with terminus "Handschuhsheim" is the wrong direction!). With both lines, leave at stop "Jahnstraße/ Chirurgie" (right after the Neckar bridge). Cross the street to the left and walk into "Jahnstrasse". Follow that street until you reach the gate on the left. Pass the gate and walk into "Kirschnerstrasse". About 100 meters down the road you will see the DKFZ main entrance on your right.

**Bus:**

The bus stop is located next to the tram stop. Take Bus number 33 to "Sportzentrum Nord" and get off at stop "Chirurgische Klinik". About 100 meters down the road you will see the DKFZ main entrance on your right.



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