SHOULDER ARTHROPLASTY CONVENTION 2015

3rd Munich Master Course

15 - 17 October 2015

What is new – What is well-proven?

SCIENTIFIC COMMITTEE

Peter Habermeyer (Germany)
Markus Loew (Germany)
Anthony Romeo (USA)
Gilles Walch (France)

www.shoulder-convention.org
Arthrex Shoulder Arthroplasty System

Full Range - From Partial to Reverse Replacement

Partial Eclipse™
- Available in diameters 20, 25, 30 and 35 mm
- Revisable to an anatomic or reverse prosthesis

Arthrex ECLIPSE®
- Secure fixation in more than 8000 cases
- Individual anatomic reconstruction of offset and version

Univers™ II
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- Anatomic head adjustment

Univers Revers™ & Universal Glenoid
- Reduced notching due to a variable inclination angle of 135° or 155°
- Modular range of components
Dear colleagues,

Ten years ago we started to organise a biennial convention on shoulder arthroplasty thus being the most traditional event series worldwide dealing with this particular topic. This year we are happy to celebrate this anniversary and to welcome the uppermost number of international experts in order to share their results of basic research, their experiences with ground breaking new conceptions and their practical approach to standard shoulder arthroplasty with you.

This meeting will be a special one. The comprehensive scientific programme will be focused on the present and future of shoulder joint replacement but will leave us time enough for live surgeries, wet and dry labs, lunch workshops, interactive case presentations, discussions and controversies.

It is a privilege to welcome you to the Munich Shoulder Arthroplasty Convention 2015.

Yours sincerely

Peter Habermeyer, Markus Loew, Anthony Romeo and Gilles Walch
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THURSDAY, 15 October 2015

08:00 – 12:00 Personal training – cadaver lab course – hands on

13:00 Convention opening

13:10 – 15:00 Session 1: Acute proximal humeral fractures: From conservative treatment to joint replacement

15:00 – 15:30 Coffee break, visit industrial exhibition

15:30 – 17:00 Session 2: Posttraumatic sequelae

17:00 – 18:00 Afternoon workshops

18:00 Welcome reception

FRIDAY, 16 October 2015

07:30 – 08:30 Morning coffee meeting
Extraordinary indications, unusual solutions for shoulder arthroplasty - Case presentations and discussions

08:30 – 10:00 Session 3: Tips and tricks in surgical procedures

10:00 – 10:30 Coffee break, visit industrial exhibition

10:30 – 12:00 Session 4: Long stem - Short stem - Stemless – Resurfacing; Double battle

12:00 – 14:00 Lunch break, workshops, visit industrial exhibition

14:00 – 15:30 Session 5: The challenge of the glenoid

15:30 – 16:00 Coffee break, visit industrial exhibition

16:00 – 18:00 Session 6: Reversed arthroplasty – designs and indications

SATURDAY, 17 October 2015

07:30 – 09:00 Live surgeries

09:00 – 10:00 Session 7: Convertible stems and glenoids

10:00 – 10:30 Bavarian break, visit industrial exhibition

10:30 - 11:30 Round table discussion
The rotator cuff in anatomic shoulder arthroplasty – A three minutes statement –

11:30 – 12:30 Session 8: Special strategies for complications and infections

12:30 – 14:00 Lunch break, live surgeries, visit industrial exhibition

14:00 – 15:30 Session 9: The future of shoulder arthroplasty

15:30 Closing address
THURSDAY, 15 October 2015

08:00 – 12:00 Personal training – cadaver lab course – hands on

Arthrex Training Center (ArthroLab)
B. Cohen (USA), P. Habermeyer (Germany),
E. Lederman (USA), S. Lichtenberg (Germany),
F. Martetschläger (Germany), A. Mazzocca (USA),
B. Parsons (USA), A. Romeo (USA),
M. Tauber (Germany)
Please register for this workshop through the regular convention registration website.

Cadaver workshop Tornier
M. Loew (Germany), D. Molé (France), P. Müller (Germany), G. Porcellini (Italy), G. Walch (France)
Please contact your local Tornier representative if you are interested in the course since this is a closed workshop, participation only upon invitation by Tornier.

13:00 Convention opening

13:10 – 15:00 Session 1: Acute proximal humeral fractures:
From conservative treatment to joint replacement
Moderation: H. Resch (Austria),
E. Wiedemann (Germany)

13:10 – 13:20 Percutaneous pin fixation of 3&4-part fractures – what are the limitations?
B. Parsons (USA)

U. Brunner (Germany)

13:30 – 13:40 Complications of ORIF in proximal humeral fractures
B. Jost (Switzerland)

13:40 – 13:50 Bone grafts and biologic augmentation for proximal humeral fractures
A. Mazzocca (USA)
13:50 – 14:00 Displaced posterior humeral head fractures – a particular challenge!
   H. Resch (Austria)

14:00 – 14:10 Limits for reconstruction of the displaced humeral head fracture
   E. Wiedemann (Germany)

14:10 – 14:20 Limits and failures of primary anatomic fracture replacement
   M. Scheibel (Germany)

14:20 – 14:30 Anatomic or reversed - is there an individual indication for primary fracture care?
   C. Gerber (Switzerland)

14:30 – 14:40 Healing of the tuberosities in reversed fracture arthroplasty – precondition for a good function?
   L. Favard (France)

14:40 – 14:50 Uncemented fixation with reverse shoulder arthroplasty for fractures
   B. Cohen (USA)

14:50 – 15:00 N. axillaris palsy – a neglected complication?
   M. Tauber (Germany)

15:00 – 15:30 Coffee break, visit industrial exhibition

15:30 – 17:00 Session 2: Posttraumatic sequelae
   Moderation: B. Jost (Switzerland), M. Scheibel (Germany)

15:30 – 15:40 Posttraumatic deformities: Evaluation and strategies for corrective osteotomies
   H. Resch (Austria)

15:40 – 15:50 Isolated posttraumatic glenoid destruction – treatment options
   L. Lehmann (Germany)

15:50 – 16:00 Chronic locked posterior dislocation and reversed Malgaigne head impression: Rotation osteotomy vs. bone grafting?
   F. Reuther (Germany)
16:00 – 16:10 Posttraumatic stiffness – how to avoid in secondary arthroplasty?
B. Parsons (USA)

16:10 – 16:20 Metaphyseal stemless or resurfacing in post-traumatic deformities – a biomechanical and clinical comparison
M. Loew (Germany)

16:20 – 16:30 Hemi or reversed – which prosthesis for which indication in posttraumatic sequelae?
P. Valenti (France)

16:30 – 16:40 Glenoid erosion in hemis after fracture sequelae – a neglected problem?
J. Kircher (Germany)

16:40 – 16:50 Prosthetic replacement of locked posterior fracture dislocation
S. Lichtenberg (Germany)

16:50 – 17:00 Non-union of the surgical neck– ORIF or RSA?
P. Raiss (Germany)

17:00 – 18:00 Afternoon workshops
(further details please see page 23)

18:00 Welcome reception
**FRIDAY, 16 October 2015**

07:30 – 08:30  Morning coffee meeting  
Extraordinary indications, unusual solutions for shoulder arthroplasty – Case presentations and discussions –  
*Moderation: A. Ekelund (Sweden)*

*Panel: M. Loew (Germany), A. Romeo (USA), H.-K. Schwyzer (Switzerland), J. Sperling (USA), G. Walch (France)*

Bring your cases and coffee!

08:30 – 10:00  Session 3: Tips and tricks in surgical procedures  
*Moderation: J. Bruguera (Spain), D. Molé (France)*

08:30 – 08:40  How to treat the subscapularis in anatomic TSA  
*L. de Wilde (Belgium)*

08:40 – 08:50  Lesser tuberosity osteotomy for exposure and release – technique and results  
*R. Hertel (Switzerland)*

08:50 – 09:00  Biologic treatment of osteoarthritis of the shoulder – cartilage, PRP, stem cells. Does anything work in 2015?  
*A. Mazzocca (USA)*

09:00 – 09:10  How to manage antero-posterior balance in TSA?  
*J. Bruguera (Spain)*

09:10 – 09:20  Strategies for glenoid exposure  
*H.-K. Schwyzer (Switzerland)*

09:20 – 09:30  Primary tendon transfers in RSA – what are the good indications?  
*C. Gerber (Switzerland)*

09:30 – 09:40  How I perform latissimus dorsi transfer in RSA: RELIVE video  
*P. Boileau (France)*

09:40 – 9:50  Shoulder motion analysis of reverse shoulder prosthesis with and without latissimus dorsi transfer  
*G. Porcellini (Italy)*
10:00 – 10:30 Coffee break, visit industrial exhibition

10:30 – 12:00 Session 4: Long stem – Short stem – Stemless – Resurfacing

Moderation: O. Levy (UK), G. Walch (France)

Double battle
Moderation: C. Gerber (Switzerland)

10:30 – 10:50 Battle I
The shoulder doesn’t need a stem
E. Wiedemann (Germany)

It is always better with a stem
M. Loew (Germany)

10:50 – 11:10 Battle II
Long term results of resurfacing: Is oversizing a problem?
O. Levy (UK)

Resurfacing implants for the humerus are obsolete
E. Lederman (USA)

11:10 – 11:20 Are there any reasons to cement the stem?
J. Steinbeck (Germany)

11:20 – 11:30 What happens around the stem in cementless arthroplasty - short term experiences
S. Coda (Chile)

11:30 – 11:40 Stemless resurfacing / metaphyseal fixation – influence on stress shielding
P. Magosch (Germany)

11:40 – 11:50 Midterm results of metaphyseal fixed stemless SA
U. Brunner (Germany)

11:50 – 12:00 Midterm results of uncemented short-stems:
A bi-centric study
S. Coda (Chile)
12:00 – 14:00  **Lunch break, company workshops**  
(further details please see page 23)

14:00 – 15:30  **Session 5: The challenge of the glenoid**  
*Moderation: P. Boileau (France), M. Tauber (Germany)*

14:00 – 14:20  **Battle III**  
Comeback of cementless glenoids  
*P. Habermeyer (Germany)*

The glenoid - forever cemented  
*G. Walch (France)*

14:20 – 14:30  **Keeled or pegged PE-glenoids – is there any evidence?**  
*A. Niemeier (Germany)*

14:30 – 14:40  **CT qualitative analysis of bone ingrowth in pegged PE-glenoids**  
*G. Porcellini (Italy)*

14:40 – 14:50  **Ream and run – the “Biologic Glenoid” solution**  
*A. Romeo (USA)*

14:50 – 15:00  **Glenoid inclination in arthritic shoulder: Is it as important as glenoid version?**  
*G. Walch (France)*

15:00 – 15:10  **Why is the B2 glenoid so difficult?**  
*B. Parsons (USA)*

15:10 – 15:20  **Augmented glenoid components or posterior bone graft for treatment of glenoid bone loss**  
*J. Iannotti (USA)*

15:20 – 15:30  **Experiences and results of hybrid titanium / PE glenoid components**  
*R. Hertel (Switzerland)*

15:30 – 16:00  **Coffee break, visit industrial exhibition**

16:00 – 18:00  **Session 6: Reversed arthroplasty – designs and indications**  
*Moderation: L. de Wilde (Belgium), P. Habermeyer (Germany)*
16:00 – 16:20  
**Battle IV**  
RSA – the perfect inclination is 155°  
*D. Molé (France)*  
RSA – 135° is the future  
*A. Romeo (USA)*

16:20 – 16:30  
Influence of humeral inclination and glenoid lateralization on notching and mobility of RSA  
*P. Magosch (Germany)*

16:30 – 16:40  
Lengthening of the arm in RSA – does it play a role?  
*A. Lädermann (Switzerland)*

16:40 – 16:50  
**BIO RSA: More complications or better outcome?**  
*L. Neyton (France)*

16:50 – 17:00  
0° - 10° - 20° …? Influence of humeral version on mobility and stability of RSA  
*L. Seebauer (Germany)*

17:00 – 17:10  
Stemless RSA – is metaphyseal stability sufficient?  
*J. Sperling (USA)*

17:10 – 17:20  
Stemless in RSA – biomechanical analysis of humeral stress shielding  
*S. Lichtenberg (Germany)*

17:20 – 17:30  
My youngest patients with a RSA – which were the indications and how are they doing?  
*L. Seebauer (Germany)*

17:30 – 17:40  
RSA in rheumatoid patients: Different outcome?  
*I. Trail (UK)*

17:40 – 17:50  
Short-term results with a convertible glenoid component  
*F. Martetschläger (Germany)*

17:50 – 18:00  
10 years results with stemless reverse TSA  
*O. Levy (UK)*
SATURDAY, 17 October 2015

07:30 – 09:00 Live surgeries
   Moderation: U. Brunner (Germany), E. Lederman (USA)

09:00 – 10:00 Session 7: Convertible stems and glenoids
   Moderation: H.-K. Schwyzer (Switzerland), I. Trail (UK)

09:00 – 09:10 Convertible shoulder systems – what are the biomechanical problems
   R. Nyffeler (Switzerland)

09:10 – 09:20 Convertible shoulder system: Is it useful in prosthetic revisions?
   P. Boileau (France)

09:20 – 09:30 Convertible stem systems available in the USA – why aren’t they functioning?
   B. Parsons (USA)

09:30 – 09:40 Conversion from failed trauma stems to RSA – does this really perform?
   F. Reuther (Germany)

09:40 – 09:50 Conversions of HSA and TSA in RSA without removing the stem or the metalback
   P. Valenti (France)

09:50 – 10:00 Convertible vs reversible systems: Pros & cons
   J. Iannotti (USA)

10:00 – 10:30 Bavarian break, visit industrial exhibition

10:30 – 11:30 Round table discussion
   The rotator cuff in anatomic shoulder arthroplasty
   – A three minutes statement –
   Moderation: L. Favard (France), J. Iannotti (USA)

   J. Sperling (USA):
   Prognostic factors for RC failure in anatomic TSA
   P. Habermeyer (Germany):
   Subacromial decompression and AC joint resection as a preventive treatment for TSA
E. Lederman (USA):
Subscapularis insufficiency in shoulder arthroplasty – a special entity?

G. Walch (France):
Plea for reverse TSA in osteoarthritis with an intact RC

M. Scheibel (Germany):
Plea for anatomic TSA in osteoarthritis with an intact RC

A. Ekelund (Sweden):
The fate of RC in younger patients with rheumatoid arthritis and TSA – is it different?

11:30 – 12:30 Session 8: Special strategies for complications and infections
Moderation: S. Lichtenberg (Germany), J. Sperling (USA)

11:30 – 11:40 Management of humeral bone loss
J. Iannotti (USA)

11:40 – 11:50 Failures of PE and metal-backed glenoid components – revision strategies
H.-K. Schwyzer (Switzerland)

11:50 – 12.00 Revision strategies for glenoid loosening in RSA
D. Molé (France)

12:00 – 12:10 Unstable RSA – how to avoid, how to treat?
M. Scheibel (Germany)

12:10 – 12:20 Management of an infected arthroplasty
A. Ekelund (Sweden)

12:20 – 12:30 The science of antibiotic spacers and postoperative infected shoulder protocol
E. Lederman (USA)

12:30 – 14:00 Lunch break, live surgeries
14:00 – 15:30  Session 9: The future of shoulder arthroplasty
Moderation: J. Iannotti (USA), A. Romeo (USA)

14:00 – 14:10  New materials: Pyrocarbone in shoulder arthroplasty
L. Neyton (France)

14:10 – 14:20  Is there a place for arthroscopy in shoulder arthroplasty?
B. Parsons (USA)

14:20 – 14:30  Preoperative planning of shoulder arthroplasty
P. Boileau (France)

14:30 – 14:40  3-D planning in glenoid replacement
L. de Wilde (Belgium)

14:40 – 14:50  3-D imaging of TSA – present and future
J. Iannotti (USA)

14:50 – 15:00  Patient specific instruments – cutting aids and saw jigs
P. Müller (Germany)

15:00 – 15:10  Patient specific implants - what does this mean in practice?
G. Walch (France)

15:10 – 15:20  What are the limits of RSA?
Today 50% of implanted prosthesis are reverse, will it be 100% tomorrow?
L. Seebauer (Germany)

15:20 – 15:30  A growing number of revision arthroplasty – how to prevent?
L. Favard (France)

15:30  Closing address
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Come along with us
Join us for an evening at the Restaurant “Seehaus” in the English Garden. The Restaurant is situated at a perfect location directly on the banks of the Kleinhesseloher Lake, very close to the heart of the city and still surrounded by spacious terraces and the beer garden known for its Mediterranean flair.

Relax after a meeting day full of lectures and discussions and enjoy good food and drinks, and chitchat with your colleagues and friends!

Date: Friday, 16 October 2015
Time: 20:00 – 23:00
Tickets: EUR 50 per person (incl. dinner & selection of drinks)
Venue: Restaurant Seehaus im Englischen Garten
Kleinhesselohe 3
80802 Munich

Dress code: We encourage all guests to wear typical national costumes of their country.

Note: Please be advised that there are no parking capacities at the restaurant. Please use taxi and public transport to reach the venue.
We would like to thank the partners of the Shoulder Arthroplasty Convention 2015 – 3rd Munich master Course of their extraordinary support!

**PARTNERS**

Arthrex GmbH  
D - 81429 München

Johnson & Johnson Medical GmbH - DePuy Synthes  
D - 22844 Norderstedt

Tornier GmbH  
D - 51399 Burscheid

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<table>
<thead>
<tr>
<th>Company</th>
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<tbody>
<tr>
<td>Arthrex GmbH</td>
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<td>Biomet Deutschland GmbH</td>
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<td>D - 24143 Kiel</td>
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<td>F - 68990 Heimsbrunn</td>
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<td>INNOMED INC.</td>
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<td>Johnson &amp; Johnson Medical GmbH - DePuy Synthes</td>
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<td>Zimmer Germany GmbH</td>
<td>D - 79100 Freiburg</td>
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As of 12 May 2015
Thursday, 15 October 2014
17:00 – 18:00

Reverse Shoulder Arthroplasty:
Biomechanical principles, current requirements & developments
(Presentation and Sawbone-Workshop)
*P. Müller (Germany)*

Anatomical Shoulder™
Domelock® System
*Ch. Gerber (Switzerland)*

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Friday, 16 October 2014
12:30 – 13:30

Optimized glenoid placement with Signature Technology and Management of humeral bone loss with the SRS – a new generation of shoulder arthroplasty
*J.W. Sperling (USA), C. Hadji (Germany), W. Vogt (Germany)*

Modular Shoulder Arthroplasty Systems – is there really a need?

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BLUEPRINT 3D Planning software for Shoulder Arthroplasty
- Improvement of the Glenoid placement in 3 Simple Steps
*G. Walch (France)*

Aequalis Ascend Flex – Convertible Shoulder System
- Why does a press-fit short stem work for Anatomic and Reversed configurations
*P. Boileau (France)*
GENERAL INFORMATION

Convention website
www.shoulder-convention.org

Date
15 – 17 October 2015

Venue
Alte Kongresshalle
Theresienhöhe 15
80339 Munich, Germany

Scientific committee
Peter Habermeyer, MD, PhD
Markus Loew, MD, PhD
Anthony Romeo, MD
Gilles Walch, MD

Local organising committee
Sven Lichtenberg, MD
Petra Magosch, MD
Frank Martetschläger, MD
Mark Tauber, MD, PhD

CME accreditation
The convention will be submitted for accreditation at the Bavarian Doctor’s Chamber.

Fiscal organiser, congress & exhibition management
Intercongress GmbH
Wilhelmstr. 7
65185 Wiesbaden, Germany
www.intercongress.de
mac@intercongress.de

Registration fees
Please register online via http://shoulder-convention.org/registration/

Medical specialist ......................... EUR 550
Resident, fellow ......................... EUR 400
Phsiotherapist ......................... EUR 150

The convention ticket includes: Access to the scientific sessions and industry workshops at the congress venue, access to the industrial exhibition, coffee breaks, snack lunch, one copy of the final programme.
Language
The congress language is English. No interpretation service.

Opening hours of registration desk
Thursday, 15 October .................. 11:30 – 19:00
Friday, 16 October 2015 ............... 07:00 – 18:00
Saturday, 17 October 2015 ........... 07:00 – 15:30

Opening hours of the exhibition
Thursday, 15 October .................. 13:00 – 19:00
Friday, 16 October 2015 ............... 08:30 – 16:00
Saturday, 17 October 2015 .......... 09:00 – 14:00

Important note
It is only allowed to film and/or photograph for private use of the material.

DVSE Curriculum Schulter- und Ellenbogenchirurgie
Die Shoulder Arthroplasty Convention 2015 ist mit folgenden Stunden für das Curriculum anerkannt:

Theorie
Schulter: 1 Std.
Subakromialraum: 1 Std.
Glenohumeralgelenk: 0,75 Std.
Omarthrose: 11 Std.
Frakturen: 2 Std.

Praxis
Endoprothetik der Schulter: 2 Std.
Frakturversorgung Schulter/Ellenbogen: 0,5 Std
LUFTHANSA SPECIAL:
Discounted travel with Lufthansa Group Airlines

Lufthansa Group Partner Airlines offer a comprehensive global route network linking major cities around the world. We offer special prices and conditions to participants, visitors, exhibitors, invited guests as well as employees of the Contracting partner and their travel companions.

To make a reservation, please click on www.lufthansa.com/event-booking_en and enter the access code DEZEDBG in the “Access to Your Special Lufthansa Offer” area. This will open an online booking platform that will automatically calculate the discount offered or provide you with an even better offer if another promotional fare is available.

NOTE: Pop-ups must be enabled otherwise the booking platform window will not open.

These promotional fares are also available through your IATA / ARC travel agent. Travel agents can obtain ticketing instructions by sending an email to lufthansa.mobility@dlh.de and providing the access code as a reference.
Convenient and environmentally friendly travel with DB Train Special

For as little as EUR 99. Travel by train from all over Germany.

The event organiser Intercongress GmbH offers you a special deal in cooperation with Deutsche Bahn for a relaxed and convenient journey to your event. With the Event Ticket, you travel to and from your destination with 100% green power. The electricity needed for your journey is generated entirely from renewable sources. The price of your Event Ticket for a return trip is:

<table>
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<th>With booked trains</th>
<th>Fully flexible</th>
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<tr>
<td>2nd class</td>
<td>EUR 99</td>
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<tr>
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<td>EUR 159</td>
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<tr>
<td>2nd class</td>
<td>EUR 139</td>
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<tr>
<td>1st class</td>
<td>EUR 199</td>
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We would be happy to inform you about ticket prices for international journeys on request. Your Ticket is valid from October, 13th to 19th 2015.

To book your journey, call the service line on +49 (0)1806-31 11 531 and quote “INTERCONGRESS” as reference. Alternatively, you can order your tickets by visiting: www.bahn.de/Veranstaltungsticket

We will call you back for the compulsory reservation. Please have your credit card details on hand.

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1 Tickets may be exchanged or refunded until the day before their first day of validity. A rebooking fee will apply. The terms and conditions for exchange and refund at the time of booking apply in accordance with the DB conditions of carriage for saver fares (Sparpreise). Exchange or refund is not permitted on or after the first day of validity. For tickets with booked trains, purchase must be at least three days in advance. Tickets will be on sale for as long supplies last.

2 The hotline is open Mondays to Saturdays from 7.00 am - 10.00 pm. There is a charge of EUR 0.20 per call from a German landline and a maximum of EUR 0.60 per call from mobile networks.

3 Please note that Deutsche Bahn AG (BB Personenverkehr) charges a currency fee in accordance with the conditions of carriage for persons for all credit card payments.
All participants get special rates when booking the hotels mentioned below. To make a reservation, please contact the hotel directly and use the keyword “Intercongress / MAC 2015”. Please be aware of the deadline for every hotel as there is no guarantee that the special rates are still available beyond this date.

**GHotel & Living M-City***
Landwehrstraße 77
80336 München
Fon: +49 89 51567-0
Fax: +49 89 51567-555
E-Mail: muenchen2@ghotel.de
www.ghotel.de
Distance to Alte Kongresshalle 1.1 Km

- Single Room: EUR 89 – 101
- Double Room: EUR 113 – 133
- Breakfast buffet included
- Booking deadline: 15 August 2015

**Hotel Mirabell München***
Landwehrstraße 42
80336 München
Fon: +49 89 549174-0
Fax: +49 89 549174-777
E-Mail: info@hotelmirabell.de
www.hotelmirabell.de
Distance to Alte Kongresshalle 1.5 Km

- Single Room: EUR 135
- Double Room: EUR 165
- Breakfast buffet included
- Booking deadline: 10 September 2015

**Hotel Metropol München***
Mittererstrasse 7
80336 München
Fon: +49 89 2444999 0
Fax: +49 89 2444999 777
E-Mail: info@hotelmetropol.de
www.hotelmetropol.de
Distance to Alte Kongresshalle 1.8 Km

- Single Room: EUR 145
- Double Room: EUR 185
- Breakfast buffet included
- Booking deadline: 10 September 2015

**Hotel Drei Löwen München****
Schillerstraße, 8
80336 München
Fon: +49 89551040
Fax: +49 8955104905
E-Mail: info@hotel3loewen.de
www.hotel3loewen.de
Distance to Alte Kongresshalle 1.9 Km

- Single Room: EUR 169
- Double Room: EUR 199
- Breakfast buffet included
- Booking deadline: 15 September 2015
The "Alte Kongresshalle" is located in the centre of Munich right next to the “Theresienwiese”. The “Alte Kongresshalle” is a historic building of the old Munich fairground.

Getting to the "Alte Kongresshalle" is easy. From the central station of Munich, the subway U4/5 with direction to “Laimer Platz” takes you in less than 5 minutes to the stop “Schwanthalerhöhe”. From the international airport, the trams S1 or S8 take you in less than 45 minutes to the stop “Hackerbrücke”.

**Navigation:**
- Alte Kongresshalle
  - Theresienhöhe 15
  - 80339 Munich

**Parking:**
- Public underground parking –
  - Gollierstraße 4
  - 80339 Munich

**Heimeranplatz**
**Park & Ride:**
- Garmisherstrasse 19
  - 81377 Munich

**By train:**
- Direct ICE connections to Nuremberg, Stuttgart, Frankfurt, Hamburg and Salzburg.
- Distance main train station to “Alte Kongresshalle”: 2 km

**Underground:**
- U4/U5, stop "Schwanthalerhöhe"

**Tram/S-Bahn:**
- Stop "Hackerbrücke"
- plus 15 minutes’ walk to the venue

**Airport:**
- Munich Franz-Josef-Strauss (MUC)
  - www.munich-airport.com

**Tram/train:**
- S1 or S8 to “Hackerbrücke”, 45 min., approx. EUR 10

**Taxi:**
- 30 – 45 min., approx. EUR 60
Das passt!
Optimierte Platzierung der Glenoidkomponente mit Signature Personalized Patient Care

Wegweisend für die patienten-individuelle Versorgung.
Signature ermöglicht dem Anwender effizienteres Arbeiten im OP dank präoperativer Planung und patientenspezifischer Führungsinstrumente.

Workshop:
Optimized glenoid placement with Signature Technology and Management of humeral bone loss with the SRS – a new generation of shoulder arthroplasty

Referenten:
J.W. Sperling, Rochester, C. Hadji, Volmarstein, W. Vogt, Garmisch-Partenkirchen

Datum:
16.10.2015

*D. Huguet et al., 2010. Results of a new sterilless shoulder prosthesis: Radiologic proof of maintained fixation and stability after a minimum of three years follow-up.

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Aequalis Ascend™ Flex
Convertible Shoulder System

Anatomic Configuration
with Aequalis™ Pyrocarbon Humeral Head
and with Aequalis™ PerFORM Glenoid System

Reversed Configuration
with Aequalis™ Reversed Glenoid System,
Threaded Post Baseplate and tilted BIO-RSA

LUNCH-WORKSHOP
Friday, October 16th 2015
Lecture Hall