Bernese Hip Symposium
February 6 – 8, 2014

Venue
Bern, Switzerland

e-mail: ortho@insel.ch
www.hip-symposium-bern.ch

Program

Bernese Hip Symposium
February 6 – 8, 2014

Host
K. A. Siebenrock
and distinguished international faculty
Invitation

The Bernese Hip Symposium focuses on hip joint preservation in adolescents and young adults. It represents a forum for a meeting of worldwide experts in hip joint preservation surgery.

The upcoming symposium covers an ample field of hip joint pathomorphologies and provides important information about pathophysiology, diagnostic principles and imaging techniques including recent trends with the use of biochemical MRI. The symposium also covers new aspects of impingement and will largely discuss the increasing trend for hip arthroscopy and the need for open surgery. Recent research as well as future directions will be provided and discussed largely.

Live surgery, case discussions and anatomical demonstrations complement the sessions and provide an open platform for discussion.

The participants will benefit from the expertise, latest research and trends from distinguished worldwide leaders in the field of hip joint preservation.

K. A. Siebenrock, MD
Organizing Committee

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E-Mail ortho@insel.ch

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Tannast Moritz, MD, University of Bern, Inselspital

Guest of honor

Matta Joel, MD, Hip and Pelvis Institute, Santa Monica, USA

Faculty

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University of Ottawa, CA

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Spitalzentrum Biel, CH

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Universitätsklinikum Düsseldorf, D

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Klinik Sonnenhof, Bern, CH

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Uniklinik Balgrist Zürich, CH

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University of California, San Diego, USA

ZALTZ Ira, MD,
Oakland Orthopaedic Surgeons, Royal Oak, USA

ZHANG Hong, MD,
Beijing Jishuitan Hospital, Bejing, CN

ZHENG Guoyan, MD,
University of Bern, ISTB, CH

ZILKENS Christoph, MD,
Universitätsklinikum Düsseldorf, D
### Scientific Program

**Thursday, February 6, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>08:50</td>
<td>Opening Remarks</td>
<td>K. A. Siebenrock</td>
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<tr>
<td>09:00h – 10:30h</td>
<td>Session I</td>
<td>BACKGROUND</td>
<td>Chairman C. Peters</td>
</tr>
<tr>
<td>12’</td>
<td>Radiographic reference values for the acetabulum</td>
<td>M. Tannast</td>
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<tr>
<td>12’</td>
<td>What is the normal normal range of hip motion?</td>
<td>I. Zaltz</td>
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<tr>
<td>12’</td>
<td>3D pelvic model obtained from a standard radiograph</td>
<td>G. Zheng</td>
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<tr>
<td>12’</td>
<td>Combining different pathomechanisms of the hip joint</td>
<td>R. Santore</td>
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<tr>
<td>12’</td>
<td>Finite element analysis of the hip - novel aspects</td>
<td>S. Ferguson</td>
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<tr>
<td>10:30h</td>
<td>Coffee Break</td>
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<tr>
<td>11:00h – 12:45h</td>
<td>Session II</td>
<td>HIP MORPHOLOGY</td>
<td>Chairman M. Tannast</td>
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<tr>
<td>12’</td>
<td>Shape of the proximal femur in apes and humans</td>
<td>T. Hogervorst</td>
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<tr>
<td>12’</td>
<td>Change of acetabular version during growth</td>
<td>Y.J. Kim</td>
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<tr>
<td>12’</td>
<td>Change of femoroal torsion during growth</td>
<td>D. Wenger</td>
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<tr>
<td>12’</td>
<td>Change of epiphyseal growth under physical activity</td>
<td>K. A. Siebenrock</td>
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<td>12’</td>
<td>Femoral neck anteversion in dysplastic hips</td>
<td>H. Zhang</td>
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<td>12’</td>
<td>Torsional deformities of the femur – implications for surgery</td>
<td>M. Beck</td>
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<td>12’</td>
<td>Analyzing femoral version</td>
<td>I. Zaltz</td>
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<td>12:45h</td>
<td>Lunch Break</td>
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<tr>
<td>13:45h – 15:30h</td>
<td>Session III</td>
<td>IMAGING</td>
<td>Chairman Y.J. Kim</td>
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<tr>
<td>12’</td>
<td>Detecting intra-articular lesions by magnetic resonance imaging of the hip</td>
<td>C. Pfirrmann</td>
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<td>12’</td>
<td>dGEMRIC – where are we today?</td>
<td>C. Zilkens</td>
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<td>12’</td>
<td>T1 Rho MRI - uniform distribution of values for cartilage in the normal hip?</td>
<td>P. Beaulé</td>
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<td>12’</td>
<td>CT analysis of change of hip range of motion (ROM) after PAO</td>
<td>S. Steppacher</td>
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<td>12’</td>
<td>Simulated CT ROM analysis after rotational acetabular osteotomies</td>
<td>N. Sugano</td>
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<td>12’</td>
<td>Dynamic assessment after impingement surgery</td>
<td>A. Bedi</td>
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<td>12’</td>
<td>Combining acetabular and femoral morphology in impingement – the Omega zone</td>
<td>T. Hogervorst</td>
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<td>15:30h</td>
<td>Coffee Break</td>
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<tr>
<td>16:00h – 17:00h</td>
<td>Session IV</td>
<td>CASE DISCUSSIONS WITH FACULTY (GROUPS)</td>
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<td>17:00h</td>
<td>Coffee Break</td>
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<tr>
<td>17:20h – 18:45h</td>
<td>Session V</td>
<td>SURGICAL TREATMENT</td>
<td>Chairman K. A. Siebenrock</td>
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<tr>
<td>12’</td>
<td>Evaluation and treatment of extra-articular impingement</td>
<td>E. Sink</td>
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<td>12’</td>
<td>Exploring the limits of hip arthroscopy</td>
<td>B. Kelly</td>
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<td>12’</td>
<td>Role of hip arthroscopy in DDH</td>
<td>C. Larson</td>
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<td>12’</td>
<td>Exploring the limits of surgical hip dislocation</td>
<td>M. Tannast</td>
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<tr>
<td>12’</td>
<td>Current role of pelvic and femoral osteotomies in the young adult</td>
<td>R. Santore</td>
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<td>12’</td>
<td>Combined PAO and surgical hip dislocation – 2 year results</td>
<td>J. Clohisy</td>
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**Friday, February 7, 2014**

<table>
<thead>
<tr>
<th>Session VI</th>
<th>LIVE-SURGERY K. A. Siebenrock</th>
<th>Moderators</th>
<th>08:00h – 10:30h</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>H. Nötzi / R. Santore</td>
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10:30h Coffee break

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<tr>
<th>Session VII</th>
<th>PERISURGICAL &amp; PROGNOSTIC ASPECTS</th>
<th>Chairman</th>
<th>11:00h – 12:30h</th>
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<tr>
<td></td>
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<td>M. Beck</td>
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</table>

12’ Postoperative management of DVT and pain after PAO C. Peters
12’ Resecting the femoral head ligament in open surgery – are there any downsides? E.D. Fern
12’ Capsulotomy in hip arthroscopy – are we creating instability? B. Kelly
12’ Prognostic biomarkes in FAI patients A. Bedi
12’ Biomechanical and radiographic parameters predicting symptomatic FAI P. Beaulé

12:30h Lunch Break

**Session VIII**

<table>
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<tr>
<th>OUTCOME</th>
<th>Chairman</th>
<th>13:30h – 15:30h</th>
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<tbody>
<tr>
<td></td>
<td>J. Clohisy</td>
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12’ Clinical midterm outcome of FAI surgery H. Nötzi
12’ 10-year results of open FAI surgery – Bernese experience S. Steppacher
12’ Outcome of open surgery for FAI – literature review C. Peters
12’ 5-year result of HAS for FAI – Bernese experience L. Büchler
12’ Results of arthroscopic surgery for FAI – literature review M. Beck

**GUEST OF HONOR SPEECH**

30 years history of Bernese periacetabular osteotomy J. Matta

15:30h Coffee break

<table>
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<tr>
<th>Session IX</th>
<th>CHILDHOOD DISEASES</th>
<th>Chairman</th>
<th>16:00h – 17:30h</th>
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<tr>
<td></td>
<td>M. Millis</td>
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12’ Coxa vara in septic hips A. Johari
12’ dGEMRIC in slipped capital femoral epiphysis (SCFE) R. Krauspe
12’ The Iowa experience of SCFE – does it still apply in 2014? D. Wenger
12’ Residual SCFE deformity and long-term hip function D. Griffin

**Saturday, February 8, 2014**

<table>
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<tr>
<th>Session XI</th>
<th>COMPLICATIONS AND «SALVAGE»</th>
<th>Chairman</th>
<th>08:00h – 09:30h</th>
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<tbody>
<tr>
<td></td>
<td>B. Kelly</td>
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12’ Location and pattern of intra-articular adhesions L. Büchler
12’ Complications of hip arthroscopy C. Larson
12’ Treatment of complications after hip arthroscopy E. Sink
12’ Revision acetabular osteotomy J. Clohisy
12’ Femoral head reduction plasty K. A. Siebenrock
12’ Colonna plasty – The Chinese experience H. Zhang

09:30h Coffee Break

<table>
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<tr>
<th>Session XII</th>
<th>WHERE TO GO</th>
<th>Chairman</th>
<th>10:00h – 11:30h</th>
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<tbody>
<tr>
<td></td>
<td>P. Beaulé</td>
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12’ Experimental navigation of acetabular reorientation T. Ecker
12’ From the sheep to the patient – a prospective 4-year Swiss National Foundation project M. Tannast
12’ Matrix-assisted cartilage regeneration – a feasibility study K. Günther
12’ How to repair cartilage defects in the future? D. Griffin
12’ Pararectus approach for acetabular reorientation K. A. Siebenrock
12’ What to expect from the ANCHOR group in the future Y. J. Kim

11.30h Closing Remarks K. A. Siebenrock
Information

Credits
Certified by the SGOT «Schweizerische Gesellschaft für Orthopädie und Traumatologie» with 16 credit points.

Registration
Registration will be confirmed after payment receipt only
Register ONLINE: www.bbscongress.ch/onlineforms/hip.php

For congress and social evening:

**BBS Congress GmbH**
Adrian König
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Fax +41 (0)31 332 9879
adrian.koenig@bbscongress.ch

Credit Suisse, 3001 Bern
(Clearing 4835, PC 30-3200-1)
Konto BBS Congress/HiP,
3000 Bern 25
Account no 211255-40-41

Fee
**February 6 – 8: whole congress**
CHF 480.– / assistant surgeons CHF 350.–

**February 6 or 7: Thursday or Friday**
CHF 200.– per day / assistant surgeons CHF 160.– per day

**February 8: Saturday (half day)**
CHF 100.– / assistant surgeons CHF 80.–

**February 7: Social Dinner**
CHF 80.– per person

Restaurant Kornhauskeller
Kornhausplatz 18
Bern, Switzerland
Phone +41 (0)31 327 7270
www.bindella.ch/gastronomie/ueberblick-ristoranti/restaurant/kornhauskeller/4/show/

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Fax (+41) (0)31 385 2021
E-Mail info@bern-incoming.ch

Reservation ONLINE
www.hip-symposium-bern.ch

Venue
Inselspital Bern,
Enterance Children Hospital «Kinderspital» 31B
Auditorium «Ettore Rossi»
3010 Bern
(www.insel.ch)

Journey
• direct train connection from Airport Zurich and Geneva to Bern
• 20 minutes from Airport Bern-Belpmoos (shuttlebus and taxi)
• 5 minutes by bus from main train station (bus no 11 direction «Güterbahnhof», bus stop «Insel»)
• 2 minutes highway exit A1 Zurich–Basel–Geneva

Insel-Parking 800 meters from freeway exit «Bern-Forsthaus/Inselspital».
No longterm parking in the hospital grounds. For further information please contact the information desk of the hospital (main entrance).

Insel Area

More information about Bern?
Please visit www.berninfo.com