



Program

Bernese Hip Symposium

March 15-17, 2007



Hosts:

K. A. Siebenrock, R. Ganz

and distinguished international faculty

Invitation

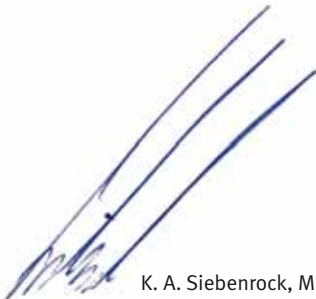
As it has been tradition for many years the hip joint remains one big focus in Orthopaedic Surgery at the University of Berne.

The upcoming symposium thus will cover a wide spectrum of hip disorders including developmental dysplasia and childhood disorders like Perthes disease and capital slip. Besides, femoro-acetabular impingement as a new pathomechanism for early osteoarthritis has shed new light on understanding and treatment options of the hip and will cover a wide field.

The intention of this symposium is to update our knowledge on hip disorders, to present new data and results and to focus on techniques for joint preserving surgery.

One section will be dedicated to critical analysis of current trends in orthopaedic surgery including alternative approaches (so-called «minimal invasive approaches») for THA and hip resurfacing arthroplasty.

I believe that the participation of distinguished international faculty members will contribute to an outstanding symposium.

A handwritten signature in blue ink, appearing to read 'K. A. Siebenrock', is positioned above the printed name.

K. A. Siebenrock, MD



Chairman

Klaus-Arno Siebenrock, Professor of Orthopaedic Surgery,
Director, Department of Orthopaedic Inselspital,
University Berne, Switzerland

Organizing Committee

Klaus-Arno Siebenrock, Reinhold Ganz,
Martin Beck, Hubert Nötzli



Faculty

BEAULÉ Paul, MD,
University of Ottawa, Kanada

BECK Martin, MD,
Universitätsklinik Inselspital, Bern

BYRD Thomas, MD,
Nashville Sport Medicine, Nashville

DUDA Georg, MD,
Medizinische Universität Charité Berlin

FERGUSON Stephen, MD,
MEM Research Center, Inst. for Surgical
Technology and Biomechanics, Bern

FRAUCHIGER Lars, MD,
Spital Thun, Thun

FUCENTESE Sandro, MD,
Universitätsklinik Balgrist, Zürich

GANZ Reinhold, MD,
Universitätsklinik Balgrist, Zürich

GRAPPIOLO Guido, MD,
Fondazione «Scienza e Vita»,
Pietra Ligure

GÜNTHER Klaus-Peter, MD,
Universitätsklinik Dresden, Dresden

HERSCHE Otmar, MD,
Schulthess Klinik, Zürich

HOWIE Donald, MD,
University of Adelaide

JIN Zhongmin, MD,
University of Leeds

JÜNI, Peter, MD,
Institut für Sozial- und
Präventionsmedizin, Bern

KÖHNLEIN Werner, MD,
Spitalzentrum Biel, Biel

LAUDE Frédéric, MD
Clinique des Lilas, Paris

LEUNIG Michael, MD,
Schulthess Klinik, Zürich

MAMISCH Charles, MD,
Universitätsklinik Inselspital, Bern

MAST Jeffrey, MD, Mammoth Sport
Center, Mammoth Lakes

MATZIOLIS, Georg, MD, Medizinische
Universität Charité Berlin, Berlin

MILLIS Michael, MD,
Harvard Medical School, Boston

MURPHY Stephen, MD,
Center for Computer Assisted and
Reconstructive Surgery, Boston

NÖTZLI Hubert, MD,
Spital Bern, Bern

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ROTHENFLUH Dominique, MD,
École Polytechnique Fédéral de
Lausanne, Lausanne

SANTORE Richard, MD,
University of California, San Diego

SIEBENROCK Klaus-Arno, MD,
Universitätsklinik Inselspital, Bern

TANNAST Moritz, MD,
Universitätsklinik Inselspital, Bern

WERLEN Stefan, MD,
Klinik Sonnenhof, Bern

WROBLEWSKI, B.M., MD,
Centre of Hip Surgery, Wigan/ Lancs.

WYSS Tobias, MD,
Spital Bern Ziegler, Bern



Scientific Program

Thursday, 15th March, 2007

09.20	Opening Remarks	K. Siebenrock
Session I	ANATOMY AND BIOMECHANICS OF THE HIP	Chairman:
09.30–11.00		H. Nötzli
(15')	Relevant muscular and vascular anatomy of the hip	M. Beck
(15')	Morphology & spatial orientation of the acetabulum	W. Köhnlein
(15')	Morphology of the proximal femur	K. Siebenrock
(15')	Biomechanics of the hip	G. Duda
(15')	Function of the labrum	S. Ferguson
11.00–11.30	Coffee break	
Session II	IMAGING TECHNIQUES	Chairman:
11.30–13.00		S. Murphy
(15')	X-ray anatomy	H. Nötzli
(15')	Limitations of conventional radiography	M. Tannast
(15')	MRI versus arthro-MRI	S. Werlen
(15')	3T MRI imaging of the hip	C. Mamisch
(15')	dGEMRIC technique for the hip	M. Millis
13.00–14.00	Lunch break - Demonstration of hip anatomy (cadaver)	
Session III	FEMORO-ACETABULAR IMPINGEMENT (FAI)	Chairman:
14.00–15.30		R. Ganz
(15')	Impingement: Motion induced degeneration of the hip	R. Ganz
(15')	Damage pattern in cam and pincer type impingement	M. Beck
(15')	Finite element model of femoro-acetabular impingement	S. Ferguson
(15')	Experimentally induced cam impingement in the sheep	K. Siebenrock
(15')	3D animation of the impinging hip	M. Tannast
15.30–16.00	Coffee break	
Session IV	CLINICAL FINDINGS AND EPIDEMIOLOGY	Chairman:
16.00–17.15		J. Mast
(10')	Clinical findings	S. Murphy
(10')	Epidemiology	P. Jüni
(10')	MRI alterations in carate fighters	C. Mamisch
(10')	Findings in ice hockey players	L. Frauchiger
(10')	Impingement: a developmental disease?	H. Nötzli
(10')	Findings in bull riders	J. Mast
17.15–17.45	Coffee break	
Session V	TREATMENT AND OUTCOME OF FAI SURGERY	Chairman:
17.45–19.00		K. Siebenrock
(12')	Safe access to the hip by surgical dislocation	J. Mast
(12')	Treatment of the acetabular side	M. Leunig
(12')	Treatment of the femoral side	M. Beck
(12')	Outcome of FAI surgery: predictions for good results	S. Fucentese
(12')	Predictions for good results	H. Nötzli





Friday, 16th March, 2007

Session VI LIVE-Surgery - Surgical dislocation of the hip for FAI		Moderators:
08.30–10.30	(K. Siebenrock)	H. Nötzli / J. Mast
(10')	The anterior waist of the femoral head / neck junction as a predictor for osteoarthritis	T. Wyss
10.30–11.00	Coffee break	

Session VII ALTERNATIVE APPROACHES FOR FAI SURGERY		Chairman:
11.00–12.30		R. Ganz
(15')	Hueter approach	F. Laude
(15')	Anterior approach	K. Günther
(15')	Suitable indications for hip arthroscopy	M. Leunig
(15')	Experience with arthroscopic surgery for FAI	R. Byrd
(15')	Limitation and pitfalls of arthroscopic impingement surgery	M. Beck
12.30–14.30	Lunch break - Demonstration of hip anatomy (cadaver) Case Discussion with Faculty	

Session VIII DEVELOPMENTAL DYSPLASIA / PERTHES DISEASE		Chairman:
14.30–16.15		M. Millis
(12')	DDH - natural course	R. Santore
(12')	Outcome of acetabular reorientation (PAO) in dysplasia	J. Mast
(12')	Experience of a low volume University center with PAO	D. Howie
(12')	Complex cases for PAO	J. Mast
(12')	Perthes disease and it's relevance for hip function	M. Tannast
(12')	Technique of relative lengthening of the neck & head reduction plasty	R. Ganz
(12')	Treatment options and preliminary results in adult Perthes cases	K. Siebenrock
16.15–16.45	Coffee break	

Session IX CAPITAL SLIP		Chairman:
16.45–18.00		R. Santore
(10')	Orientation of the physis in capital slip and nonspherical heads	K. Siebenrock
(10')	Classification and intraarticular damage pattern	M. Leunig
(10')	What about in situ pinning?	M. Millis
(15')	Technique of capital reorientation and early results	R. Ganz
(15')	What to do with damaged cartilage?	D. Rothenfluh

Saturday, 17th March, 2007

Session X	Surgical approaches for THA	Chairman:
08.15–10.00		M. Beck
(12')	Hueter approach	F. Laude
(12')	Antero-lateral approach	H. Nötzli
(12')	Posterior approach	G. Grappiolo
(12')	Superior approach	S. Murphy
(12')	Complications of minimal invasive hip replacements	R. Santore
(12')	MRI findings after hip replacements	C. Pfirrmann
(12')	Bone alterations after hip replacements	G. Matziolis
10.00–10.30	Coffee break	

Session XI	Resurfacing	Chairman:
10.30–12.15		P. Beaulé
(12')	Low friction THA - what else do we need?	B. Wroblewski
(12')	Wear & metal particles	Z. Jin
(12')	Early experience with resurfacing	K. Günther
(12')	Resurfacing THA	O. Hersche
(12')	Draw backs of resurfacing arthroplasty	G. Grappiolo
(12')	Resurfacing THA – is it the future?	P. Beaulé
(12')	Why not to do resurfacing	D. Howie
12.15	Closing Remarks	K. Siebenrock



Information

Credits

Certified by the SGO «Schweizerische Gesellschaft für Orthopädie und Traumatologie» with 20 credit points.

Registration

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

For Congress and Social Evening:

BBS Congress GmbH

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Credit Suisse, 3001 Berne

(Clearing 4835, PC 30-3200-1)
Konto BBS Congress/HIP,
3000 Berne 25
Account no 211255-40-41

Fee

March 15–17: whole Congress

CHF 400.– / Assistant surgeons CHF 300.–

March 15 or 16: Thursday or Friday

CHF 180.– per day / Assistant surgeons CHF 150.– per day

March 17: Saturday (half day)

CHF 90.– / Assistant surgeons CHF 60.–

March 16: Social Evening Friday

CHF 100.– per person

Restaurant Kornhauskeller

Kornhausplatz 18
Berne, Switzerland
Phone +41 (0)31 327 72 70
www.kornhaus.org/kkeller.html

Housing

BERN INCOMING GmbH

Amthausgasse 4,
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Fax +41 (0)31 385 20 21
info@bern-incoming.ch

https://formular.beagthisis.ch/20a/20_787_E.asp





Venue

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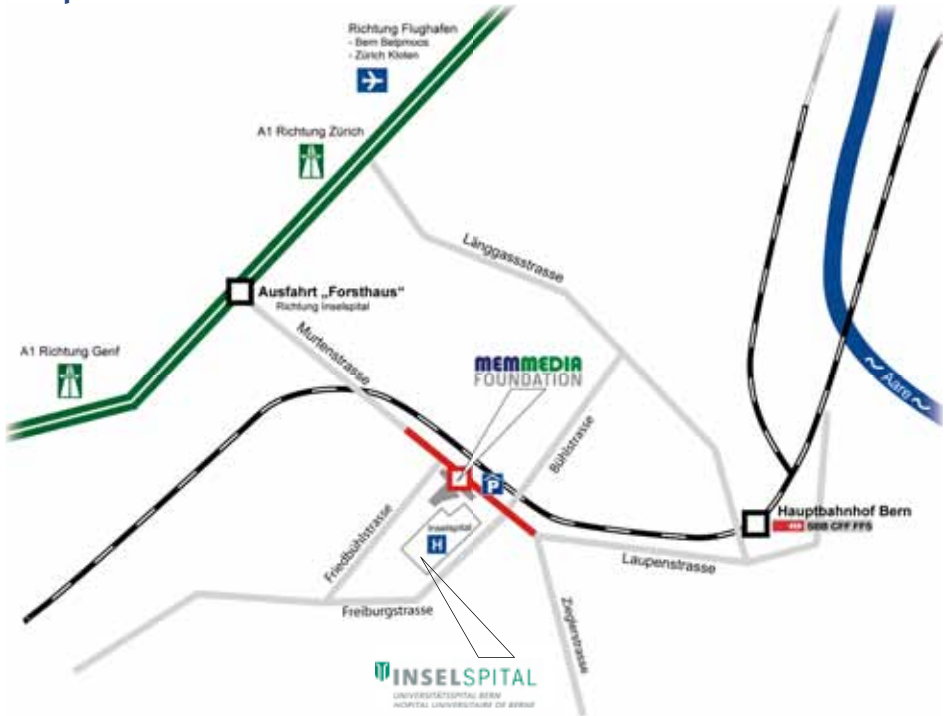
The Congress venue nearby the Inselspital (www.insel.ch)

Journey

- direct train connection from Airport Zurich and Geneva to Berne
- 20 minutes from Airport Bern-Belpmoos (Airport-Shuttlebus and Taxi)
- 5 minutes with Bus from Main Train Station (Bus No 11 direction Güterbahnhof, Bus stop «Bremgartenfriedhof»)
- 2 minutes highway exit A1 Zürich–Basel–Genf

Insel-Parking 800 meters from freeway exit «Bern-Forsthaus/Inselspital». No longterm parking on the clinic area. For further information please contact the Information Center, main entrance Hospital.

Map of the area



More information about Berne?
Please visit www.berninfo.com/en/welcome.cfm



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March 15-17, 2007

Venue

Berne, Switzerland

e-mail: ortho@insel.ch

www.hip-symposiumberne.ch



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