



THE BETHANIA SPINE BASE

UNDER THE AUSPICES OF THE
INTERNATIONAL SOCIETY FOR MINIMAL INTERVENTION IN SPINAL SURGERY
I S M I S S (www.ismiss.com) / SICOT

announces its

INTERNATIONAL 28th COURSE FOR PERCUTANEOUS ENDOSCOPIC SPINAL SURGERY AND COMPLEMENTARY MINIMAL INVASIVE TECHNIQUES

SYMPOSIUM WITH INTERNATIONAL GUEST FACULTY
& WORKSHOP DEMONSTRATIONS / TECHNICAL EXHIBITION

C o u r s e C o - C h a i r m e n :

Hansjoerg F. Leu, M.D. - Stefan M. Kern, M.D.

January 28 / 29, 2010, Bethania Hospital

C H - 8 0 4 4 Z u r i c h - S w i t z e r l a n d
Course Secretary's fax: x41-[0]-43-268 28 01 / e-mail: bethania-spine@bluewin.ch

S S O / S G O - C r e d i t s : 1 6

TOPICS IN PROGRAM

Basics

- Medical-historic approach to spinal pathology
- Epidemiologic impact and clinical aspects of low back pain and lumbar disc pathology
- Static and dynamic imaging analysis in degenerative disc disease
- Anatomical pathways and technical cautions in minimal invasive spinal procedures
- Evolution of minimal invasive spinal surgery and its actual standards

Indications for minimal invasive procedures

- Neurologic patterns
- Pathophysiological indicators, preoperative therapeutical steps
- Anatomical range and limits for minimal invasive procedures
- Percutaneous restabilization / vertebroplasty / kyphoplasty

Minimal invasive techniques

- Minimized open / endoscopic assisted disc treatment; cervical / lumbar
- Percutaneous posterolateral transforaminal / interlaminar canal endoscopic decompression
- Minimal retroperitoneal / axial operative pathways in the thoracic / lumbar / sacral area
- Minimal posterior interspinous / percutaneous vertebral restabilization (elective / trauma)

Complementary procedures

- Endoscopic / minimal open lumbar fusion techniques
- Semirigid / dynamic posterior pedicle based restabilization procedures
- Actual concept in nucleus / disc replacement technologies

Live-transmissions from the operating room

- Percutaneous endoscopic lumbar disc surgery / minimal open techniques

Workshop (*workshop registrees only*)

- Intra- / extracanal lumbar disc approach under endoscopy
- Interlaminar / transforaminal endoscopic techniques
- Dynamic / interspinous lumbar restabilization
- Minimal approach fusion techniques

PROSPECTIVE COURSE FACULTY

Abdi S., U.S.A.; **Bini W.**, Germany; **Birkenmaier C.**, Germany; **Boeni Th.**, Switzerland; **Bryekhov A.**, Ukraine; **Buric J.**, Italy; **Büttner K.**, Germany; **Calvosa G.**, Italy; **Chiu J.**, U.S.A.; **Choi P.**, Brasil; **Chung C.**, Korea; **Darwono B.**, Indonesia; **Dezawa A.**, Japan; **El Hefnawi M.**, Egypt; **Fischer H.**, Switzerland; **Fontanella A.**, Italy; **Frank E.**, U.S.A.; **Fürstenberg H.**, Germany; **Gastambide D.**, France; **Giltaij L.**, Netherlands; **Gitter S.**, Germany; **Gozlan E.**, France; **Haberland N.**, Egypt; **Haberstroh F.**, Germany; **Heinzelmann M.**, Switzerland; **Hellinger S.**, Germany; **Hoogland T.**, Germany; **Huber J.**, Switzerland; **Kern S.**, Switzerland; **Kilian F.**, Germany; **Kim K.**, Korea; **Klößner C.**, Switzerland; **Lee S.**, Korea; **Lübberts T.**, Germany; **Menchetti P.**, Italy; **Miura Y.**, Japan; **Morgenstern R.**, Spain; **Morichi R.**, Italy; **Nakai S.**, Japan; **Niebergall H.**, Switzerland; **Nishijima Y.**, Japan; **Nydegger T.**, Switzerland; **Oertel J.**, Germany; **Orlov S.**, Russia; **Panoussopoulos A.**, Switzerland; **Pedachenko E.**, Ukraine; **Pereira P.**, Portugal; **Pfeiffer M.**, Germany; **Radchenko V.**, Ukraine; **Rauschnig W.**, Sweden; **Ruetten S.**, Germany; **Rüttimann B.**, Switzerland; **Sak L.**, Russia; **Schmoelz W.**, Austria; **Schuknecht B.**, Switzerland; **Schwarzenbach O.**, Switzerland; **Shetty S.**, India; **Singh H.**, Malaysia; **Sohail T.**, Pakistan; **Speck G.**, Australia; **Sulima A.**, Ukraine; **Sullivan M.**, England; **Tikhodeev S.**, Russia; **Tolgay S.**, Turkey; **Wardlaw D.**, Scotland; **Weinzierl F.**, Germany; **Wilson L.**, England; **Wimmer C.**, Germany; **Wyder M.**, Switzerland. [up-date Nov 1, 2009]

MAGISTRAL ISMISS PIONEER-GUEST LECTURE 2010

10 years experiences in microendoscopic surgery

Munehito Yoshida, MD, PhD, Wakayama Medical University, Wakayama /Japan

Nearly fifty years after clinical introduction of classic laminectomy for treatment of symptomatic lumbar disc herniations in 1934, in the later seventies of the last century, as a minimal invasive alternative to conventional surgical procedures and enzymatic intradiscal treatments in contained lumbar disc herniation, the concept of percutaneous disc decompression with nucleotomy came from Japan to Europe in 1979. Since 1982 the complementary endoscopic control added visual control for more selective tissue removal. A great advantage of minimally invasive procedures made its sparing approach with minimal musculoligamentary irritation in its access way. Beside the impact of endoscopy for selective removal of disc fragments, direct visualization later allowed also adequate preparation of the vertebral endplates for percutaneous interbody fusion, introduced in 1987/88. Since 1992 laparoscopic interbody fusion and later minimal open lateral techniques araised as a complementary technique for interbody fusion, e.g. at the lumbosacral transition, often hardly accessible for posterolateral endoscopic techniques. In 2001, low profile expandable interbody spacers came up allowing primary stability also for percutaneous interbody fusion technique. At the same time, percutaneous instrumentation for posterior internal fixation brought a new way for posterior stabilization in combination to interbody osteoinductive components.

Since 1988 anterior total disc replacement and since 1994 dynamic posterior implants became available as first steps to a new generation of lumbar restabilization without fusion. Results remain to follow. Recently also minimal interspinal non-fusion stabilization with dynamic implants further challenges the field.

As a new field of extradiscal endoscopic surgery, percutaneous foraminoscopic decompression became stepwise standardized since 1991 for the different forms of foraminal disc herniations. As a most important step, since 1999 the interlaminar full endoscopic exploration of the lumbar spinal canal became available for the removal of mediolateral to medioforaminal herniations. So endoscopic decompression challenges microscopic and tubular endoscopic techniques.

Beside technical operative aspects also clinical analysis of indications, learning-curves and follow-up criteria deserve our interest in worldwide economically restricted conditions and an evident need for outcome quality control.

So in the 31th year of practice, this upcoming International 28th Course shall reflect once more the evolution up to the actual state of the art and ongoing innovative developments in this continuously evolving branch of spinal surgery. Again international pioneers and experts sharing the course faculty promise to contribute to the vivid and collegial atmosphere of this traditional course.

Zurich, November 2009

John Chiu , M.D.
Past President ISMISS

Hansjoerg F. Leu , M.D.
President ISMISS 2008/2011, Course Co-Chairman

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APPLICATION FOR ENROLMENT (mail / fax filled in to : x41-[0]-43-268 28 01)
(WORKSHOP DEMONSTRATION ENROLMENT RESTRICTED - EARLY REGISTRATION RECOMMENDED !)

I enrol for the **INTERNATIONAL 28th COURSE FOR PERCUTANEOUS ENDOSCOPIC SPINAL SURGERY AND COMPLEMENTARY MINIMAL INVASIVE TECHNIQUES**, Jan 28/29, 2010, Bethania Hospital / Zurich, Switzerland

Simultaneously to this enrolment, I transfer the fee of (*please mark the corresponding combination*)

- o CHF 700.- / EUR 480.- / US\$ 700.- for the whole course including 2 days symposium and workshop demo.
- o CHF 600.- / EUR 420.- / US\$ 600.- for the 2 days symposium only, without workshop participation

precisely to the account: IBAN CH79 0070 0113 7000 1151 8 at Banque Cantonale de Zurich, SWIFT: ZKBKCHZZ80A, BLZ: 700, CH-8001 Zurich; Beneficiary: Hj. Leu , with the remark: "PESS-28", or by equivalent transferable bank cheque. - No cancellation / refund after Jan 12, 2010 accordable.

Please use ***printed*** letters :

Name :
Address :
Degree/Specialty :
Phone : Fax :
e-mail :
Date : Signature :

HOTELS

Room reservation is recommended as soon as possible at :
Zurich Tourist Service, P.O. Box, CH-8023 Zurich
Phone: x 41-[0]-44-215 40 40 / Fax: x 41-[0]-44-215 40 44 /
E-mail: www.zurichtourism.ch/hotel see also **listing** below

FEES

CHF 700.- all the Course / CHF 600.- Symposion without workshop
the amount has to be mailed with the application for enrolment by
bank order to the account IBAN CH79 0070 0113 7000 1151 8 , at
Banque Cantonale de Zurich, Swift: ZKBKCHZZ80A, BLZ : 700,
CH - 8001 Zurich, Beneficiary: Hj.Leu. With remark: "PESS-28"

COORDINATOR

Hansjoerg Leu, MD, Bethania Spine Base, Bethania Hospital
Toblerstrasse 51, CH-8044 Zurich / Switzerland

VENUE

Auditorium and Conference rooms, Bethania Hospital, Toblerstrasse 51,
CH-8044 Zurich, Switzerland, Front Office : x41-[0]-43-268 70 70

INFORMATION

Secretary PESS-28, Bethania Spine Base,
Toblerstrasse 51, CH - 8044 Zürich, Switzerland
Phone: x41-[0]-43 268 28-00, Fax : -01, e-mail: bethania-spine@bluewin.ch

INDUSTRIAL SUPPORTERS ADVANCED MEDICAL TECHNOLOGIES AMT AG, D-66620 Nonnweiler; ARGOMEDICAL AG, CH-6330 Cham; ARTHROCARE Europe AB, S-11620 Stockholm; BRICON AG, CH-8953 Dietikon; PROMETEC, CH-5737 Menziken; DE PUY/J&J MEDICAL, CH-8957 Spreitenbach; ELLIQUENCE Pll., NY-11572 Oceanside; INTERVENTIONAL SPINE Inc., CA-92618 Irvine; JOIMAX GmbH, D-76227 Karlsruhe; KARL STORZ GmbH c/o J. ANKLIN AG, CH-4102 Binningen; MAXMORE SPINE, D-81935 Munich; PARADIGM SPINE SWITZERLAND AG, CH-8228 Kreuzlingen; PIONNEER SURGICAL TECHNO-LOGY BV, NL-3972 Driebergen; RICHARD WOLF GmbH, D-75434 Knittlingen; SYNTHES GmbH, CH-4436 Oberdorf; TEVA PHARMA, CH-4147 Aesch; VERTIFLEX Inc., CA-92673 San Clemente; ZIMMER GmbH., CH-8404 Winterthur. [*up-date Nov 1, 2009*]



*Please
stamp
here*

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Kurssekretariat
INTL 28TH COURSE FOR ENDOSC. SPINAL SURGERY
c/o Bethania Spine Base
Toblerstrasse 51

C H - 8 0 4 4 Z ü r i c h

S w i t z e r l a n d

Hotels - recommendable accommodations for registrées :

Room reservation is recommended as soon as possible at : Zurich Tourist Service, P.O. Box, CH-8023 Zurich, Phone: x 41-44-215 40 40 / Fax: x 41-44-215 40 44 / Web www.zurichtourism.ch/hotel.

Hotel Glockenhof ****

rather comfortable, centrally located left side, Tramway 6 uphill in direction Zoo until stop "Toblerplatz", Sihlstrasse 31, CH-8001 Zürich
Tel x41-44- 225 91 91, Fax x41-44-225 92 92, Web www.glockenhof.ch

Hotel Rigihof ****

rather comfortable, nearest to course venue, 9' footwalk, Universitätstrasse 101, CH-8006 Zürich, Tel x41-44-361 16 85, Fax x41-44-361 16 17, Web www.hotel-rigihof.ch

Hotel Florhof ***

elegant, romantic set-up in traditional palais, Tramway 5 from "Kunsthaus/Heimplatz" uphill to „Fluntern“, from There Tramway 6 to „Toblerplatz“, Florhofgasse 4, Ch-8001 Zürich, Tel x41-44-250 26 26, Fax x41-44-250 26 27, Web www.florhof.ch

Hotel Leoneck ***

good comfort, near to FIT (course dinner), on tramway line 6, stop "Haldenegg", easy for tramway 6 transfer uphill, until stop "Toblerplatz" nearby the Bethania Hospital; Leonhardstrasse 1, CH-8001 Zurich, Tel x41-44-254 22 22, Fax x41-44-254 22 00, Web www.leoneck.ch

Hotel Rütli ***

good comfort, centrally located right side, footwalk 5 min to tram stop Universitätsspital, from there uphill with Tramway 6 until „Toblerplatz“, Zähringerstrasse 43, CH-8001 Zürich
Tel x41-44-254 58 00, Fax x41-44-254 58 01, Homepage www.rutli.ch

Hotel Poly **

reasonable comfort, nearest ** to course venue, 10' footwalk uphill to Rigiplatz, from there right on Gladbachstrasse, then left after some 300 m into Toblerstrasse, follow until 51
Universitätstrasse 63, CH-8006 Zürich
Tel x41-44-362 94 40, Fax x41-44-361 62 12, Web www.hotel-poly.ch

Hotel Arlette **

reasonable comfort, 6' footwalk to "Central", from there Tramway 6 uphill until to "Toblerplatz", Stampfenbachstr. 26, 8001 Zürich
Tel +41-44-252 00 32, Fax -, Mail hotel.arlette@bluewin.ch

Hotel Bristol **

reasonable comfort, 7' footwalk to "Central", from there Tramway 6 uphill until to "Toblerplatz", Stampfenbachstr. 34, 8001 Zürich
Tel +41-44-258 44 44, Fax x41-44-258 44 00, Web www.hotelbristol.ch

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