



The WSC-Clinic Hirslanden - Zurich / Switzerland

under the auspices of the

**International Society for Minimal Intervention in Spinal Surgery -
ISMIS / SICOT (www.ismiss.com)**

gladly announces the

International 32nd Course for Percutaneous Endoscopic Spinal Surgery and Complementary Minimal Invasive Techniques

**SYMPOSIUM WITH INTERNATIONAL GUEST FACULTY
and workshop-demonstrations / technical exhibition**

Course Co-Chairmen :

Hansjörg Leu , MD - Markus Rühli , MD

January 30/31, 2014, Hirslanden Hospital

CH-8032 Zurich - Switzerland

Course Secretary's fax: x41-[0]-44-387 27 58 / e-mail: ismiss.europe@bluewin.ch

SSO/SGO - Credits : 16

Topics in program

Basics

Historical approach to spinal pathology and treatments / Epidemiology and clinical aspects of low back pain / Static and dynamic imaging analysis in degenerative disc disease / Anatomical pathways and technical cautions in few invasive operative spinal applications

Minimal invasive techniques

Conservative and pain therapy options in vertebral pain patterns / Evolution of minimal invasive spinal surgery in its state of the art / Minimized open intervertebral endoscopic treatments in cervical/thoracic/lumbar spine / Percutaneous posterolateral intradiscal & transforaminal endoscopic decompression / Minimal retroperitoneal operative pathways in the thoraco-lumbar area / Few invasive endoscopic instrumentation options (static/dynamic)

Indications for minimal invasive procedures

Clinical & neurologic patterns in vertebral pathologies / Pathophysiological indicators / Anatomical range and limits for minimal invasive procedures / Intraosseous stabilization by vertebroplastic and kyphoplasty options

Complementary minimal invasive procedures

Endoscopic / minimal lumbar fusion procedures / Semirigid & dynamic posterior pedicular and interspinous stabilization technologies

Live-transmissions from the operating room

Percutaneous endoscopic lumbar disc surgery / minimal invasive open techniques

Technical demonstrations

Intra- & extracanal lumbar disc approach under endoscopy / Interlaminar / transforaminal endoscopic techniques / Various lumbar stabilizations / intersomatic / discoplasty techniques / Minimal approach fusion techniques

Magistral guest Lecturer, Jan 30, 2014, 5:15 pm :

Advanced minimal invasive spinal surgery in Korea

Gun Choi, M.D., Ph.D.

Wooridal Spine Hospital, Seoul / Korea

The ISMISS board's welcome address :

More than four decades after first clinical application of classic laminectomy for surgical treatment of lumbar disc herniations in 1934, in the later seventies of the last century, as a minimal invasive alternative to conventional surgical procedures and various intradiscal treatments in contained lumbar disc herniation, the concept of percutaneous disc decompression with nucleotomy made its way from Japan to Europe. Since 1982 the complementary endoscopic control added visualization for selective tissue removal. A great advantage of minimally invasive procedures brought its sparing approach with minimal musculoligamentary irritation in its access way. Beside the impact of endoscopy for precise removal of disc fragments, direct visualization later also allowed controlled preparation of the vertebral endplates for interbody fusion, introduced in 1987/88. Since 1992 laparoscopic ventral interbody fusion and minimal open lateral techniques araised as a complementary technique for interbody fusion, e.g. at the the lumbosacral transition, sometimes hardly accessible for classic posterolateral endoscopic techniques. Since 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 spacers and osteoinductive components.

Since 1994 dynamic posterior implants became available as a first step to a new generation of posterior restabilization without fusion. The question to fuse or not to fuse araised and remains controverse. Recently also minimal non-fusion stabilization with interspinous implants further challenge the field of posterior dynamic stabilization.

As a new field of extradiscal endoscopic surgery, percutaneous foraminoscopic decompression became stepwise standardized since 1991 for the different forms of foraminal up to mediolateral disc herniations. As very 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 today the classic microscopic and tubular videoscopic techniques.

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

So in the 34th year of practice, the upcoming International 31th Course shall reflect once more the evolution and state of the art as well as actual innovative developments in this year by year 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 already traditional course in its 32nd edition.

Zurich, July 2013



Sang-Ho Lee, M.D., Seoul/Korea
President ISMISS 2011/14



Hansjoerg Leu, M.D., Zurich/Switzerland
Past President ISMISS / Course Chairman



Markus Ruehli, M.D., Zurich/Switzerland
National Representative ISMISS Switzerland

APPLICATION FOR ENROLMENT (return by mail or fax back to : x41-[0]-43-268 28 01)

(ENROLMENT NUMBER RESTRICTED - EARLY REGISTRATION RECOMMENDED !)

I enrol for the **International 32nd Course for Percutaneous Endoscopic Spinal Surgery and Complementary Minimal Invasive Techniques**,
Jan 31/32, 2014, **Klinik Hirslanden** / Zurich, Switzerland

Simultaneously to this enrolment, I transfer the fee of

CHF 600.- / EUR 500.- / US\$ 700.- for the whole course incl. symposium and workshop

precisely by bank draft 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-32", or by equivalent transferable bank cheque.
No cancellation / refund after Jan 15, 2014 accordable.

Please use printed letters :

Name :

Address :

Degree/Specialty :

Phone : Fax :

e-mail :

Date : Signature :

Course-Coordinator

Hansjoerg Leu, M.D., Bethania Spine Base
Toblerstrasse 51, CH-8044 Zurich / Switzerland

Course Venue

Auditorium and conference rooms, Klinik Hirslanden
Witellikerstrasse 40, CH-8032 Zurich, Switzerland
Front Office : x41-[0]-44-387 21 11

Information

Secretary PESS-32, Wirbelsäulen-und-Schmerz-Clinic, an der Klinik Hirslanden Zürich,
Witellikerstrasse 40, CH - 8032 Zürich, Switzerland
Phone: x41-[0]-44 387 37 57, Fax : -58, e-mail: ismiss.europe@bluewin.ch

Hotels - recommendable accommodations for registrees :

Room reservation is recommended as soon as possible at :

Zurich Tourist Service, P.O. Box, CH-8023 Zurich

Phone: x41-44-215 40 40 / Fax: x41-44-215 40 44

Web www.zurichtourism.ch/hotel

Hotel Ambassador ****

rather comfortable, located lakeside backing the Zurich Opera, to Hirslanden from Bahnhof Stadelhofen with Forchbahn/Red-line uphill in direction Esslingen until stop Balgrist

Location: Falkenstrasse 6, CH-8008 Zürich

Tel x41-44-361 16 85, Fax x41-44-361 16 17, Web www.ambassadorhotel.ch/

Hotel Bristol **

reasonable comfort, 4' footwalk to "Central", from there to Hirslanden take the tramway 4 along the Limmat river until Belevue, then you change to line 11 uphill in direction Rehalp until stop "Balgrist"

Location: Stampfenbachstr. 34, 8001 Zürich

Tel +41-44-258 44 44, Fax x41-44-258 44 00, Web www.hotelbristol.ch

Hotel Florhof ***

elegant, romantic set-up in traditional palais, to Hirslanden take the tramway 5 from "Kunsthhaus/Heimplatz" downhill to Bellevue, there changes to line 11 in direction Rehalp until stop Balgrist

Location: Florhofgasse 4, Ch-8001 Zürich, Tel x41-44-250 26 26, Fax x41-44-250 26 27,

Web www.florhof.ch

Hotel Glockenhof ****

rather comfortable, centrally located left side, to Hirslanden from Bahnhofstrasse nearby with Tramway 11 in direction Rehalp until stop "Balgrist"+

Location: Sihlstrasse 31, CH-8001 Zürich

Tel x41-44- 225 91 91, Fax x41-44-225 92 92, Web www.glockenhof.ch

Hotel Opera ****

rather comfortable, located lakeside backing the Zurich Opera, to Hirslanden from Bahnhof Stadelhofen with Forchbahn/Red-line uphill in direction Esslingen until stop Balgrist

Location: Dufourstrasse 5, CH-8008 Zürich

Tel x41-44-258 99 99, Fax x41-44-258 99 00, Web www.operahotel.ch

Hotel Seefeld ***

rather comfortable, located back lakeside, to Hirslanden take tramline number 2 to Stadelhofen, there change to Forchbahn/Red-line uphill in direction Esslingen until stop Balgrist

Location: Seefeldstrasse 63, CH-8008 Zürich

Tel x41-44-387 41 51, Fax x41-44-387 41 51, Web www.hotelseefeld.ch