



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

p r e s e n t s
t h e ***final program*** o f
t h e u p c o m i n g

INTERNATIONAL 27th

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 29 / 30, 2009, 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

10:30 am Registration

OPENING

MODERATOR : LEU Hj.

12:00 pm Welcome address from Bethania Hospital / Diacony Foundation Bethania Jorns F.

FIRST SESSION

MODERATOR : SCHREIBER A.

12:05 pm Static and dynamic imaging analysis in degenerative disc disease Fischer H.
 12:15 pm Neuroradiologic imaging in spinal pathologies: state of the art Schuknecht B.
 12:25 pm Anatomical aspects in minimal approach to cervico/thoraco/lumbar spine Rauschnig W.
 12:50 pm Thirty cases of intra spinal epidural cysts - a histopathological study Nijishima Y.
 1:00 pm Pain therapy in radicular pain Niebergall H.
 1:10 pm Altering the natural history of LDD: do mechanical intradiscal therapies work? Singh H.
 1:20 pm Pre-surgical pain management for lumbar DDD Abdi S.
 1:35 pm Effects of commonly used epidural medications on a human fibroblast cell culture Birkenmaier C.
 1:45 pm MR-guided percutaneous endoscopic lumbar herniotomy Lee S.
 2:00 pm Socio-economic strategies in spinal surgery Sullivan M.
2:00 pm Coffee Break in the industrial exhibition area

SECOND SESSION

MODERATOR : DEZAWA A.

2:40 pm Are we really safe around the intervertebral foramen ? A cadaver study Yazar T.
 2:50 pm Endoscopic lumbar surgery : a personal experience since 1986 Leu Hj.
 3:10 pm Percutaneous endoscopic lumbar discectomy for lateral lumbar disc herniation Miura Y.
 3:20 pm Transforaminal endoscopic stenosis surgery (TESS) Morgenstem R.
 3:40 pm TESTTM: transforaminal endoscopic lumbar surgery: technique/experience since 2004 Alfen F.
 3:50 pm Transforaminal endoscopic discectomy and foraminoplasty after FBSS Gozlan E.
 4:00 pm Endoscopic transforaminal discectomy for recurrent lumbar disc herniation Hoogland T.
 4:10 pm Full-endoscopic cervical discectomy with posterior and anterior approach Ruetten S.
 4:20 pm Percutaneous endoscopic treatment of lumbar and thoracic disc infection Lübbers T.
 4:30 pm Post fusion junctional disc herniation syndrome treated with endoscopic spine surgery Chiu J.
 4:40 pm Surgical endoscopy and percutaneous interbody fusion in recurrent disc herniations Gastambide D.
 4:45 pm Endoscopic lumbar fusion Tolgay S.
 4:55 pm Endoscopic stabilization of thoracolumbar spine fractures with the MACS TL-plate Heinzelmann M.
 5:05 pm Lumbar vertebrae pain syndromes: its approach from medical history Rüttimann B.
5:15 pm Discussion / Break

MAGISTRAL LECTURE

MODERATOR : LEU Hj.

the *ISMIS* pioneer-guest lecture 2009 :

5:40 pm ***Percutaneous endoscopic spinal surgery for degenerative disc disease : from pioneering applications in 1989 to proven standards in 2009***

Andrea Fontanella, M.D., Ospedale "Città di Parma", Parma / Italy

6:20 pm Question and answer period

6:30 pm Transfer by tramway No. 6 to Leonhardstrasse's hotels; departure from line stop Toblerplatz
 Transfer from hotels to aperitif and dinner by footwalk 4-7 min

7:30 pm **Aperitif at the Zurich University Museum for Medical History, Rämistrasse 69, introduction to the museum's actual medico-historical thematic exhibition "From science to know-how"** Rüttimann B.
 Böni Th.
 Wyder M.

8:15 pm **Course-dinner at the "Dozentenfoyer", Eidgenössische Technische Hochschule ETH / Federal Institute of Technology FIT, Rämistr. 101, Zurich (Tramway No. 6)**

THIRD SESSION

MODERATOR : SCHREIBER A.

7:30 am	A new diagnostic classification in lumbar disc disease	Rezaian S.
7:40 am	Minimally invasive treatment in DDD: classification on pain generator, in-/ex-trinsic	Choi P.
7:50 am	5 year's follow-up on intradiscal ozone injection for disc herniation	Buric J.
8:00 am	Mid-term results (3 years) after cervical disc decompression with nucleoplasty	Gitter S.
8:10 am	Minimally invasive treatment of epidural lipomatosis	Frank E.
8:20 am	Muscle preserving microscopic laminoplasty for cervical myelopathy	Nakai S.
8:30 am	Minimal invasive thoracolumbar approach without section of diaphragm	Dezawa A.
8:40 am	A 7-year experience with percutaneous spinal cord stimulation	Kim K.
8:50 am	Spinal cord repair with adult stem cells - technique, indications and first clinical results	Haberland N.
9:00 am	<i>Video-live-transmission</i>	<i>Leu HJ., Kern S.</i>

FOURTH SESSION

MODERATOR : BIRKENMAIER C.

9:10 am	Surgical tactics in spinal degenerative diseases as a pregravid preparation element	Sulima A.
9:20 am	Minimal invasive anterior thoraco/lumbar approaches +/- endoscopic assistance	Klößner C.
9:30 am	Minimally invasive TLIF: indications, surgical technique and results	Pereira P.
9:40 am	Minimal invasive lumbar spinal surgery	Tikhodeev S.
9:50 am	Osteo-con-/inductive bone substitutes: their role in minimal invasive fusion techniques	König D.
10:00 am	Bioactive ceramic implants in spine surgery	Radchenko V.
10:10 am	Technology of enlargement of the interbody contact area by cage at PLIF	Bryekhov A.
10:20 am	The concept of motion preservation through spinal fusion	Orlov S.
10:30 am	<i>Video-live-transmissions</i>	<i>Leu HJ., Kern S.</i>
10:40 am	Coffee break in the industrial exhibition area	

FIFTH SESSION

MODERATOR : CALVOSA G.

11:30 am	Non-fusion lumbar stab. with a hinged pedicle screw rod system - in vitro experiment	Schmoelz W.
11:40 am	Myths and realities in posterior dynamic stabilization	Nydegger T.
11:50 am	Dynamic restabilization of degenerative lumbar instability: updated experiences	Wendsche P.
12:00 am	Dynamic interspinous restabilization with Coflex® in erosive osteochondrosis	Weinzierl F.
12:10 am	Percutaneous-mini open lumbar decomp. and restabilization with the Superior® device	Bini W.
12:20 am	Posterior dynamic stabilization	Sak L.
12:30 am	Aperius® interspinous spacer vs open surgery in degenerative lumbar spinal stenosis	Menchetti P.
12:40 am	Pedicular lumbar dynamic stabilization with the Dynesys® system : a 100 case report	Rühli M.
12:50 am	Complication rate in percutaneous lumbar spine fusion	Wimmer C.
1:00 pm	Luncheon in the industrial exhibition area	

SIXTH SESSION

MODERATOR : LEU HJ.

2:00 pm	Minimally invasive stabilization in traumatic vertebral fractures	Pedachenko E.
2:10 pm	In vitro comp.: a novel introvert. stenting vs balloon kyphoplasty in compression fx	Fürderer S.
2:20 pm	Vertebroplasty with high-visc. PMMA facilitates full vertebral body height restoration	Schmoelz W.
2:30 pm	Vesselplasty - a novel method for minimal invasive kyphoplasty in vertebral fractures	Kilian F.
2:40 pm	Vesselplasty using SrHA New cement (Osteo-G®)	Darwono S.
2:50 pm	Prosp. random. comparison of kyphoplasty with non-surgery in osteoporotic fractures	Wardlaw D.
3:00 pm	New fractures in osteoporotic patients treated with kyphoplasty	Guizzardi G.
3:10 pm	Incorrect fracture analysis in kyphoplasty - potential for severe complications	Birkenmaier C.
3:20 pm	The posterior approach of the NuBac®: Clinical results of a prospective cohort study	Giltaij L.
3:30 pm	Development of an algorithm for tt of DDD by implanting motion preservation devices	Büttner K.
3:40 pm	Mid-term results with NuCore® lumbar discotomy nucleus replacement	Schwarzenbach O.
3:50 pm	Ass.ment of pain in activity/rest/night. Do we have to assess all three different pains?	Huber J.
4:00 pm	round up / questions / discussion / symposium closure	

WORKSHOP

(workshop registrees with batch only)

MODERATOR : KERN S.

- 04:30 pm **Percutaneous endoscopic approaches to the lumbar spine and complementary procedures**
 - 05:45 pm such as : foraminoscopic / endoscopic microdissection / nucleoplasty / new technologies
Experts : cf. scientific program and respective contributors

COURSE FACULTY

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COURSE INFORMATIONS

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