

# SPINE-COURSE

## Workshop with practical exercises

**Datum:** 31<sup>st</sup> August - 2<sup>nd</sup> September 2012  
**Veranstaltungsort:** Anatomisches Institut, Harrachgasse 21, 8010 Graz - Austria  
**Approbation:** Traumatology 30 h  
**course fee:** € 850.—

### Friday, 31<sup>st</sup> August 2012:

08.15 - 08.30	Welcome	Ivanic
08.30 - 08.45	Organisational comments	Grechenig
08.45 - 09.10	<b>lecture:</b> cervical spine dorsal	Oerley
09.10 - 09.30	<b>lecture:</b> cervical spine anterior	Hiertz
09.30 - 09.55	<b>lecture:</b> C0 - C2	Hiertz
09.55 - 10.20	<b>lecture:</b> odontoid fracture	Mousavi
10.20 - 10.45	Discussion	
10.45 - 11.15	<b>COFFEE BREAK</b>	
11.15 - 11.30	<b>practical exercise:</b> anatomy vertebral body cervical spine	Tesch

#### practical exercise:

11.30 - 13.30 Uhr	<ul style="list-style-type: none"> <li>- approach cervical spine ant.</li> <li>- odontoid screwing</li> <li>- anatomy (rec. laryng.nerve)</li> <li>- vertebral artery</li> <li>- Corporectomy</li> <li>- Arthroplasty</li> <li>- Halo Jacket</li> </ul>	Oerley Mousavi Tesch Weiglein Hiertz Harter Ivanic
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13.30 - 14.15	<b>COMMON LUNCH</b>	
14.15 - 14.30	<b>Video:</b> exploration vertebral artery	
14.30 - 16.00	<b>practical exercise:</b>	
	anatomy anterior plate fixation corporectomy vertebral artery	
16.00 - 16.15	<b>COFFEE BREAK</b>	
16.15 - 16.30	<b>Video:</b> approach cervical spine anterior	
16.30 - 17.30	<b>practical exercise:</b>	
	- approach cervical spine (cadaver)	

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**Saturday, 1<sup>st</sup> September 2012:**

09.00 - 11.00

**practical exercise:**

Video: C1-C2

I) Gallie, Brooks

Oerley

II) C 1-2 screwing

Hiertz

III) C0-C2 Anatomy

Tesch

IV) occipito-cervicale Fusion

Radl

V) C1-C2 – Lamina hook

Seifert

VI) myelon, nerves C-spine

Weiglein

11.00 – 11.30

**COFFEE BREAK**

11.30 – 12.00

**practical exercise:** C0 – C2

12.00 – 12.30

**practical exercise:** approach cervical spine dorsal

12.30 – 13.00

**practical exercises :** lower cervical spine dorsal

13.00 – 14.00

**COMMON LUNCH**

14.00 – 14.15

**lecture:** posterior pedicular screwing techniques

Matzner

14.15 – 14.30

**lecture:** fracture treatment thoracic spine

Kathrein

14.30 – 14.45

**lecture:** anterior approaches

Ivanic

14.45 – 15.00

**lecture:** lumbar spine – anterior techniques

Achatz

15.00 – 15.30

**lecture:** kyphoplasty / vertebroplasty

Grohs

15.30 - 17.00

**practical exercise:**

I) anterior approach thoracic spine

Mousavi/ Ivanic

II) pedicular screwing techniques

Matzner

III) anterior grafting from dorsal

Kathrein

IV) kypho- / vertebroplasty

Grohs

V) anterior approach lumbar spine

Achatz

VI) Anatomy (myelon, nerves T-spine)

Weiglein/ Tesch

17.00 – 17.15

**COFFEE BREAK**

17.15 – 17.45

**practical exercise:** pedicular screwing in thoracic spine, lumbar spine ant.

17.45 – 18.30

**practical exercise:** dorsal approach thoracic spine

# SPINE – COURSE

## Workshop with practical exercises

**Sunday, 2<sup>nd</sup> September 2012:**

09.00 - 09.20	<b>lecture:</b> interbody fusion	Ivanic
09.20 - 09.40	<b>lecture:</b> posterior pedicular screwing techniques	Thaler
09.40 – 10.00	<b>lecture:</b> L-spine – posterior techniques	Harter
10.00 – 10.20	<b>lecture:</b> laminectomy: indication and technique	Ziegler
10.20 – 10.30	discussion	
10.30 – 12.00	<b>practical exercise:</b>	
	I) laminectomy	Ziegler
	II) anatomy dorsal approach	Weiglein
	III) L5 / S1	Harter
	IV) anatomic sightseeing	Tesch
	V) OR table + positioning	Hofmann
	VI) Pedikular screwing L 1-L 5	Kathrein/ Bernedt
12.00 – 12.30	<b>practical exercise:</b> pedicular screwing techniques thoracic +lumbar spine	
12.10 – 13.00	<b>practical exercise:</b> dorsal approach lumbar spine	
13.00 – 13.45	<b>LUNCH</b>	
13.45 – 15.30	<b>practical exercise:</b> general preparations	

**End of course: 16.00**

## APPROBATION DFP: Traumatology 30 h

Prof. Dr. F. Magerl (St. Gallen, CH), Prim. Prof. Dr. M. Mousavi (Donauspital Wien – Unfallchirurgie), Prim. Dr. A. Kathrein (KH Zams), OA Dr. J. Seifert (Univ. Klinik Dresden), Dr. Martin Thaler, (Univ. Klinik für Orthopädie Innsbruck), Dr. F. Hofmann, Dr. C. Berendt (PMU – Salzburg, Orthopädie), Dr. W. Achatz (Althofen), Prof. Dr. P. Krepler, Prof. Dr. J.G. Grohs, OA Dr. M. Matzner (Univ. Klinik für Orthopädie Wien), OA Dr. A. Oerley (Neurochirurgie Innsbruck), Lt. OA Dr. Helmut Hiertz (Neurochirurgie Wels), Prof. Dr. F. Anderhuber, Prof. Dr. A. Weiglein, Ass. Prof. Dr. N.P. Tesch, (Anatomisches Institut Graz), Prim. Doz. Dr. G.M. Ivanic, Dr. B. Harter (OK-Institut, die Orthopäden Graz) Prim. Doz. Dr. R. Radl, OA Dr. S. Ziegler, Dr. M. Maafe, Dr. U. Heitzer (LKH Stolzalpe), Prim. Doz. Dr. H. Seitz (LKH Judenburg), OA Dr. Ch. Hartl (LKH Steyr), OA Dr. R. Gumpert, OA Dr. H. Clement, Prof. Dr. W. Grechenig (Univ. Klinik für Unfallchirurgie Graz)

**Gesellschaft zur Forschung und wissenschaftlichen Weiterbildung in der Unfallchirurgie**

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