

# SPINE – COURSE

## Workshop with practical exercises

08th – 10<sup>th</sup> September 2007

### Saturday, 08th September 2007:

08.15 - 08.30	Welcome	Anderhuber
08.30 – 08.45	Organisational comments	Grechenig
08.45 - 09.15	<b>lecture:</b> anatomy	Weiglein
09.15 – 09.35	<b>lecture:</b> cervical spine dorsal	Oerley
09.35 – 09.50	<b>lecture:</b> approaches cervical spine anterior	Grechenig
09.50 – 10.10	<b>lecture:</b> cervical spine anterior	Hiertz
10.10 - 10.30	<b>lecture:</b> C0 – C2	Hiertz
10.30 – 10.50	<b>lecture:</b> odontoid fracture	Szyszkowitz
10.50 – 11.00	Discussion	
11.00 – 11.30	<b>COFFEE BREAK</b>	
11.30 – 11.45	<b>video:</b> approach cervical spine anterior	Grechenig
11.45 – 12.30	<b>practical exercise :</b> anatomy	Weiglein
12.30 – 14.00	<b>practical exercise:</b> <ul style="list-style-type: none"><li>- approach cervical spine anterior</li><li>- approach cervical spine dorsal</li><li>- odontoid screwing</li><li>- spinal cord / nerves</li><li>- Gallie, Brooks, Magerl</li><li>- Cervifix</li></ul>	Weiglein Grechenig Szyszkowitz Ivanic Magerl Gaudernak
14.00 – 14.55	<b>COMMON LUNCH</b>	
14.55 - 15.00	<b>Video:</b> exploration vertebral artery	Tiesenhausen
15.15 - 17.00	<b>practical exercise:</b> <ul style="list-style-type: none"><li>- anatomy</li><li>- massa lateralis screwing</li><li>- anterior plate fixation</li></ul>	
17.00 - 17.30	<b>COFFEE BREAK</b>	
17.30 - 19.00	<b>practical exercise:</b> <ul style="list-style-type: none"><li>- approach cervical spine (cadaver)</li><li>- anterior stabilisation: plate, anterior graft, cage</li></ul>	



**Sunday, 09th September 2007:**

08.45 - 10.00	<b><u>practical exercise:</u></b> instrumentation cervical spine dorsal	
10.00 – 11.00	<b><u>practical exercise:</u></b> approach cervical spine dorsal	
11.00 - 11.20	<b>COFFEE BREAK</b>	
11.45 - 13.00	<b><u>practical exercises:</u></b> - approach thoracic / lumbal spine - anterior approach thoracic lumbal spine - anatomy C0 – C2 - spinal cord nerves	Matzner, Schweighofer Wimmer, Ivanic Anderhuber Weiglein
13.00 – 14.00	<b>COMMON LUNCH</b>	
14.00 – 14.30	<b><u>lecture:</u></b> fracture classification	Magerl
14.30 – 14.45	<b><u>lecture:</u></b> posterior pedicular screwing techniques	Matzner
14.45 – 15.00	<b><u>lecture:</u></b> treatment thoracic spine	Kathrein
15.00 – 15.15	<b><u>lecture:</u></b> kyphoplasty / vertebroplasty	Grohs
15.15 - 15.30	<b><u>lecture:</u></b> anterior approaches	Wimmer
15.30 - 17.30	<b><u>practical exercise:</u></b> - anterior approach thoracic spine - pedicular screwing techniques - anterior grafting from dorsal - kypho- / vertebroplasty	Wimmer Mousavi Kathrein Grohs
17.30 - 18.00	<b>COFFEE BREAK</b>	
17.30 - 20.00	<b><u>WORKSHOPS:</u></b> - Computernavigation - Neuromonitoring	
17.30 – 20.00	<b><u>ASK THE PROFESSOR</u></b>	<b><u>FACULTY</u></b>

<b><u>APPROBATION DFP:</u></b> Traumatology 30 h
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**Monday, 10th September 2007:**

09.00 - 09.20	<b><u>lecture:</u></b> lumbal spine – posterior techniques	Harter
09.20 - 09.40	<b><u>lecture:</u></b> translamina screwing	Magerl
09.40 – 09.55	<b><u>lecture:</u></b> posterior pedicular screwing techniques	Bach
09.55 – 10.25	<b><u>lecture:</u></b> lumbal spine – anterior techniques	Achatz
10.25 - 12.00	<b><u>practical exercise:</u></b>	
	- lumbal spine anterior	Achatz
	- pedicular screwing techniques	Krepler
	- translaminar screwing	Magerl
12.00 - 12.30	<b><i>LUNCH</i></b>	
12.30 – 12.45	<b><u>lecture:</u></b> PLIF	Nicolakis
12.45 – 13.00	<b><u>lecture:</u></b> new techniques	Ivanic
13.00 – 13.15	<b><u>lecture:</u></b> laminectomy: indication and technique	Ziegler
13.15 – 13.30	<b><u>lecture:</u></b> submuscular approach in extraforaminal cage implantation	Magerl
13.30 – 16.00	<b><u>practical exercise:</u></b> anatomy, preparation, instrumentation	

**End of course: 16.00**

**FACULTY:**

Prof Dr. F. Magerl (St. Gallen, CH), Prof. Dr. C. Wimmer (Vogtareuth, BRD) , Prim. Prof. Dr. F. Schweighofer (Unfallchirurgie Bruck / Mur), OA Dr. A. Kathrein (Univ. Klinik für Unfallchirurgie Innsbruck), Prim. Doz. T. Gaudernak (Unfallchirurgie, Mödling), Prim. Prof. Dr. M. Mousavi (Unfallchirurgie Donauespital), Dr. M. Nicolakis (Orthopädie Wien), Doz. Dr. C. Bach (Univ. Klinik für Orthopädie Innsbruck), Prim. Prof. Dr. H. Breitfuß (Unfallchirurgie KH Kufstein), Leit. OA Dr. W. Achatz (LKH Klagenfurt), Prof. Dr. K. Tiesenhausen (Klin. Abtlg. f. Gefäßchirurgie, Univ. Klinikum Graz), OA Dr. F. Lamp (Neurochirurgie Wien), Prof. Dr. P. Krepler, Prof. Dr. J.G. Grohs, OA Dr. M. Matzner (Univ. Klinik für Orthopädie Wien), OA Dr. A.Oerly (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), DL Doz. Dr. G. Ivanic, OA Dr. S. Ziegler, OA Dr. B. Harter (LKH Stolzalpe - Orthopädie), Prof. Dr. R. Szyszkowitz, OA Dr. H. Clement, Prof. Dr. W. Grechenig (Univ. Klinik für Unfallchirurgie Graz)

**REGISTRATION “Spine-Course 8<sup>th</sup> – 10<sup>th</sup> september 2007”:**

Name.....

Surname.....

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