

**XVI Finnish-Austrian Orthopaedic Trauma Course –  
30 years from the first meeting**

January 29 – February 5, 2011

Alpinseminar Congress Center, Zauchensee, Austria

**Finnish Orthopaedic Association**

**Finnish Trauma Association**

## **XVI Finnish-Austrian Orthopaedic Trauma Course**

**January 29 – February 5, 2011**  
**Alpinseminar Congress Center, Zauchensee , Austria**

### **Scientific Program:**

Jan Lindahl, MD and Wolfgang Grechenig, MD

#### **Faculty:**

*Ville Alanen, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Jan-Magnus Björkenheim, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Michael Fellingner, MD, Prof.*, University Clinic of Traumatology, Graz, Austria  
*Wolfgang Grechenig, MD, Prof.*, University Clinic of Traumatology, Graz, Austria  
*Kim Jansson, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Vesa Juutilainen, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Jouni Heikkilä, MD*, Hospital Mehiläinen, Turku, Finland  
*Mikko Heinänen, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Antti Helminen, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Eero Hirvensalo, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Juha Kalske, MD*, HUCH, Jorvi Hospital, Espoo, Finland  
*Mikko Kirjavainen, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Jan Lindahl, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Mikko Manninen, MD*, Kymenlaakson keskussairaala, Kotka, Finland  
*Oliver Michelsson, MD*, HUCH, Peijas Hospital, Vantaa, Finland  
*Manfred Mittermeier, MD*, Kardinal Schwarzenberg Hospital, Austria  
*Mikko Ovaska, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Mika Paavola, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Markus Parkkinen, MD*, Helsinki University Central Hospital, Helsinki, Finland  
*Gerolf Peicha, MD*, University Clinic of Traumatology, Graz, Austria  
*Timo Raatikainen, MD, Prof.*, Helsinki University Central Hospital, Helsinki, Finland  
*Stefan Sundelin, MD*, Capio Arthro Clinic, Stockholm, Sweden  
*Jarkko Vasenius, MD*, Hospital Dextra, Finland  
*Kaisa Virtanen, MD*, Helsinki University Central Hospital, Helsinki, Finland

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Organizing committee:

Jan Lindahl, Wolfgang Grechenig, Juha Kalske,  
Mikko Manninen, Gerolf Peicha and Vesa Hamunen

**Sunday, January 30, 2011**

12.00 Registration

18.00 HISTORICAL SESSION

**18.00 Welcome**

*Jan Lindahl, MD, Chairman of the organizing committee*

**18.10 Finnish-Austrian combined trauma courses**

*J-M Björkenheim, MD*

Helsinki University Central Hospital, Helsinki, Finland

**18.25 The last decade in the course history**

*Wolfgang Grechenig, MD, Prof.,*

University Clinic of Traumatology, Graz, Austria

19.00 Dinner

**Monday, January 31, 2011**

08.00 SESSION I – Fracture dislocation of the elbow

**Chairmen: Jan-Magnus Björkenheim, MD and Mika Paavola, MD**

**08.00 Surgical anatomy and biomechanics of the elbow**

*Jan-Magnus Björkenheim, MD*

Helsinki University Central Hospital, Helsinki, Finland

**08.30 Treatment of posttraumatic instability of the elbow***Mika Paavola, MD*

Helsinki University Central Hospital, Helsinki, Finland

**08.50 Treatment principles of fracture-dislocations of the elbow***Mika Paavola, MD*

Helsinki University Central Hospital, Helsinki, Finland

**09.10 Arthroplasty in the treatment of fracture-dislocations of the elbow***Jan-Magnus Björkenheim, MD*

Helsinki University Central Hospital, Helsinki, Finland

**09.30 Coffee and technical exhibition****09.50 SESSION II – Knee ligament injuries****Chairmen: Jan Lindahl, MD and Michael Fellingner, MD****09.50 Cruciate ligament injuries in children***Manfred Mittermeier, MD*

Kardinal Schwarzenberg Hospital, Austria

**10.15 Register for cruciate ligament surgery in Sweden***Stefan Sundelin, MD*

Capio Arthro Clinic, Stockholm, Sweden

**10.35 Single and double bundle PCL reconstruction***Stefan Sundelin, MD*

Capio Arthro Clinic, Stockholm, Sweden

**11.05 Posterolateral knee instability***Michael Fellingner, MD, Prof.*

University Clinic of Traumatology, Graz, Austria

**11.30 Discussion***Faculty***12.00 Lunch and technical exhibition****16.00 Discussion in groups (case presentations) I:****Group I: Complicated elbow injuries,****Group II: Knee ligament injuries**

19.00 Dinner

**Tuesday, February 1, 2011**

08.00 SESSION III – Complicated ankle fractures  
**Chairmen: Gerolf Peicha, MD and Vesa Juutilainen, MD**

**08.00 VAC in trauma – Indications and technique**

*Wolfgang Grechenig, MD, Prof.,*  
University Clinic of Traumatology, Graz, Austria

**08.20 Soft tissue reconstruction in open ankle fractures**

*Vesa Juutilainen, MD*  
Helsinki University Central Hospital, Helsinki, Finland

**08.50 Postoperative infection after closed and open ankle fractures**

*Mikko Ovaska, MD, Jan Lindahl, MD, Tatu Mäkinen, MD, Erkki Tukiainen, MD,*  
*Eero Hirvensalo, MD*  
Helsinki University Central Hospital, Helsinki, Finland

**09.15 Coffee and technical exhibition**

09.35 SESSION IV – Complications associated with surgical treatment of ankle fractures

**Chairmen: Eero Hirvensalo, MD and Gerolf Peicha, MD**

**09.35 Complications after operatively treated ankle fractures**

*Gerolf Peicha, MD*  
University Clinic of Traumatology, Graz, Austria

**10.05 Postoperative infection - Removal of the screws and plates?**

*Mikko Ovaska, MD, Jan Lindahl, MD, Tatu Mäkinen, MD, Lea Pulliainen, MD, Erkki Tukiainen,*  
*MD, Eero Hirvensalo, MD*  
Helsinki University Central Hospital, Helsinki, Finland

**10.35 Posttraumatic osteomyelitis**

*Vesa Juutilainen, MD*  
Helsinki University Central Hospital, Helsinki, Finland

**11.05 Discussion**

*Faculty*

**12.00 Lunch and technical exhibition****16.00 Discussion in groups (Case presentations) II:**

**Group I: Complicated ankle fractures**

**Group II: Complications with closed ankle fractures**

19.00 Dinner

## **Wednesday, February 2, 2011**

08.00 SESSION V – Pelvis and hip

**Chairmen: Eero Hirvensalo, MD and Juha Kalske, MD**

### **08.00 Hip arthroscopy after THA**

*Juha Kalske, MD, Matti Seppänen, MD*

HUCH, Jorvi Hospital, Espoo, Finland and Turku University Central Hospital, Turku, Finland

### **08.20 Delayed and late reconstructions of the pelvis**

*Jan Lindahl, MD*

Helsinki University Central Hospital, Helsinki, Finland

### **08.40 The role of resurfacing hip prosthesis in 2011**

*Mikko Manninen, MD*

Kymenlaakso Central Hospital, Kotka, Finland

### **09.00 Cemented or uncemented hemiarthroplasty in hip fractures – review of the literature**

*Mikko Heinänen, MD*

Helsinki University Central Hospital, Helsinki, Finland

### **09.25 Coffee and technical exhibition**

**Group picture**

09.45 SESSION VI – Foot injuries

**Chairmen: Oliver Michelsson, MD and Mikko Kirjavainen, MD**

### **09.45 Lisfranc injuries**

*Mikko Kirjavainen, MD*

Helsinki University Central Hospital, Helsinki, Finland

### **10.05 Chopart injuries**

*Gerolf Peicha, MD*

University Clinic of Traumatology, Graz, Austria

### **10.25 Arthrodeses in posttraumatic instability of the foot**

*Oliver Michelsson, MD*

HUCH, Peijas Hospital, Vantaa, Finland

### **10.45 Calcaneus fractures**

*Anti Helminen, MD*

Helsinki University Central Hospital, Helsinki, Finland

### **11.05 “Round table” discussion**

*Faculty*

### **12.00 Lunch and technical exhibition**

**16.00 Discussion in groups (Case presentations) III:****Group I: Pelvis****Group II: Hip****Group III: Foot**

19.00 Dinner

**Thursday, February 3, 2011**

08.00 SESSION VII – Knee and tendon injuries

**Chairmen: Jan Lindahl, MD and Wolfgang Grechenig, MD****08.00 MR imaging of the knee: Current concepts***Kim Jansson, MD, Seppo Koskinen, MD*

Helsinki University Central Hospital, Helsinki, Finland

**08.25 Specific posterior approaches to the proximal tibia***Wolfgang Grechenig, MD, Prof.,*

University Clinic of Traumatology, Graz, Austria

**08.50 Tibial lateral condyle fractures – Comparison of conventional plate and angle-stable plate fixation***Markus Parkkinen, MD, Antti Helminen, MD, Eero Hirvensalo, MD, Seppo Koskinen, MD, Antti Mustonen, MD, Jan Lindahl, MD*

Helsinki University Central Hospital, Helsinki, Finland

**09.10 Saphenous nerve lesion as a complication during autogenous hamstring harvesting: nerve anatomy, surgical technique and two clinical cases***Jouni Heikkilä, MD*

Hospital Mehiläinen, Turku, Finland

**09.25 Case David Beckham***Jouni Heikkilä, MD, Sakari Orava, MD*

Hospital Mehiläinen, Turku, Finland

**09.40 Coffee and technical exhibition**

10.00 SESSION VIII – Clavicle, hand and wrist

**Chairmen: Wolfgang Grechenig, MD and Timo Raatikainen MD****10.00 Sling compared with plate osteosynthesis for the treatment of displaced midshaft clavicle fractures – a randomized clinical trial***Kaisa Virtanen, MD, Ville Remes, MD, Jarkko Pajarinen, MD, Vesa Savolainen, MD, Jan-Magnus Björkenheim, MD, Mika Paavola, MD*

Helsinki University Central Hospital, Helsinki, Finland

**10.20 Surgical anatomy of the distal radius***Wolfgang Grechenig, MD, Prof.*

University Clinic of Traumatology, Graz, Austria

**10.40 Distal radioulnar joint**

*Jarkko Vasenius, MD*

Hospital Dextra, Helsinki, Finland

**11.00 Plate fixation of distal radius fractures – indications and operative technique**

*Timo Raatikainen, MD, Prof.*

Helsinki University Central Hospital, Helsinki, Finland

**11.20 Dislocations of the fingers joints**

*Ville Alanen, MD*

Helsinki University Central Hospital, Helsinki, Finland

**11.40 Cases - When and how to plate the distal radius?**

*Faculty*

**12.00 Lunch and technical exhibition**

**16.00 Discussion in groups (Case presentations) IV:**

**Group I: Knee**

**Group II: Clavicle**

**Group III: Wrist and Hand**

19.00 Dinner

**Friday, February 4, 2011**

08.00 SESSION IX – Free papers – Upper extremity

**Chairmen: Jan-Magnus Björkenheim, MD and Jan Lindahl, MD**

**09.30 Coffee and technical exhibition**

09.50 SESSION X – Free papers – Lower extremity

**Chairmen: Mikko Manninen, MD and Juha Kalske, MD**

**12.00 END OF COURSE**

Finnish-Austrian Orthopaedic Trauma Meetings: Schruns 1981, Bad Hofgastein 1983, Oberlech 1985, Ischgl 1987, Oberlech 1989, Obergurgl 1991, Obergurgl 1993, Oberlech 1995, Ischgl 1997, Ischgl 1999, Oberlech 2001, Oberlech 2003, Obertauern 2005, Serfaus 2007, Oberlech 2009.