

19th Orthopaedic Summer School

Helsinki - 4th to 7th August, 2010

ORTON Orthopaedic Hospital

ORTON Foundation

Helsinki / Finland

The Paediatric Spine

Course venue

ORTON Orthopaedic Hospital

Tenholantie 10

FIN-00280 Helsinki

www.orton.fi

Course schedule:

4th August	2.00 p.m. Registration
	6.00 p.m. Welcome Reception
5th August	8.00 a.m. Start of the Course
7th August	12.00 a.m. End of the Course

19th Orthopaedic Summer School

Course chairmen

Dietrich Schlenzka, Helsinki, Finland
Heikki Österman, Helsinki, Finland

Course secretary

Leena Ristolainen, Helsinki Finland

Course Faculty

Robert Campbell, San Antonio, U.S.A.
Aina Danielsson, Gothenburg, Sweden
Michael Grevitt, Nottingham, United Kingdom
Daniel Haschtmann, Zürich, Switzerland
Fritz Hefti, Basel, Switzerland
Erkko Klemetti, Helsinki, Finland
Timo Laine, Helsinki, Finland
Jouni Lohikoski, Helsinki, Finland
Teija Lund, Helsinki, Finland
Muharrem Yazici, Ankara, Turkey
Timo Yrjönen, Helsinki, Finland

Contact

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Day 1				
Thursday, 5th August 2010				
8:00	8:55	Min	The growing spine	Moderator:
		15	Development and special features of the paediatric spine	F.Hefti
		15	Assessment of growth - Why and How ?	D.Haschtmann
		15	Clinical examination and imaging of the spine	F.Hefti
		10	Discussion	M.Grevitt
8:55	10:00		Idiopathic scoliosis (IS)	Moderator:
		10	Aetiology - anything new ?	M.Yazici
		15	Natural history	R.Campbell
		15	Classification - When do we need it?	A.Danielsson
		15	Clinical picture, risk of progression, follow-up	M.Yazici
		10	Discussion	H.Österman
10:00	10:30	30	Coffee and Exhibits	
10:30	11:30		Non-operative treatment of IS	Moderator:
		10	Physiotherapy, exercises, manipulation, electrical stimulation	A.Danielsson
		10	Bracing - indications and technique	F.Hefti
		10	Compliance and assessment of results	T.Yrjönen
		20	Long-term results of bracing in AIS	D.Schlénzka
		10	Discussion	A.Danielsson
11:30	12:00		Operative treatment of IS	Moderator:
		15	Operative treatment - indications and principles	F.Hefti
		10	Biomechanics of spinal instrumentation	M.Grevitt
		5	Discussion	D.Haschtmann
12:00	13:15		Lunch	
13:15	14:15		Operative treatment of IS (cont'd)	Moderator:
		10	Case presentation: early-onset idiopathic scoliosis	M.Grevitt
		15	Early-onset IS - technique, results, complications	M.Yazici
		15	Late-onset IS - technique and complications	M.Grevitt
		10	Long-term results of operative treatment	F.Hefti
		10	Discussion	A.Danielsson
14:30	17:30	180	Workshops	Group
14:30	16:00		Case discussion	1
14:30	16:00		Deformity analysis & Measurements	2
14:30	16:00		Spinal instrumentation	3
14:30	16:00		Computer navigation	4
16:00	17:30		Case discussion	2
16:00	17:30		Deformity analysis & Measurements	3
16:00	17:30		Spinal instrumentation	4
16:00	17:30		Computer navigation	1

Day 2				
Friday, 6th August 2010				
8:00	9:00	Min	Neuromuscular scoliosis	D.Schlenzka
		10	General aspects concerning assessment and indications	M.Yazici
		15	CP	M.Yazici
		10	Duchenne and SMA	D.Schlenzka
		15	MMC and OI	M.Grevitt
		10	Fixation to the pelvis - When and How?	H.Österman
			Discussion	
9:00	10:00		Congenital scoliosis	Moderator: F.Hefti
		10	Classification and risk of progression	R.Campbell
		10	Case presentation - Congenital scoliosis	M.Yazici
		15	Growth arrest - indications, technique and results	M.Grevitt
		15	Vertebral resection - indications, technique and results	F.Hefti
		10	Discussion	
10:00	10:30		Coffee and Exhibits	
10:30	11:20		Thoracic insufficiency syndrom and exotic deformities	M.Grevitt
		20	Thoracic insufficiency syndrom	R.Campbell
		20	VEPTR - technique, limitations and results	R.Campbell
		10	VEPTR - the Ankara experience	M.Yazici
		10	VEPTR - the Basel experience	F.Hefti
		20	Exotic scoliosis	R. Campbell
		10	Discussion	
12:00	13:15			
13:15	14:15		Fractures , Infections , Tumours	Moderator: R.Campbell
		10	Case discussion: spine fracture	D.Haschtmann
		10	Spinal fractures during growth	M.Grevitt
		10	Case discussion: infection	F.Hefti
		10	Discitis and spondylitis	M.Yazici
		15	Tumours of the growing spine	R.Campbell
		5	Discussion	
14:30	17:30	180	Works hops	Group
14:30	16:00		Case discussion	3
14:30	16:00		Deformity analysis & Measurements	4
14:30	16:00		Spinal instrumentation	1
14:30	16:00		Computer navigation	2
16:00	17:30		Case discussion	4
16:00	17:30		Deformity analysis & Measurements	1
16:00	17:30		Spinal instrumentation	2
16:00	17:30		Computer navigation	3

Day 3				
Saturday, 7th August 2010				
8:00	9:00	Min	Back pain	Moderator:
		15	Back pain in children: epidemiology <i>versus</i> clinical reality	H.Österman
		10	Black disc on MRI - what does it mean?	D.Haschtmann
		15	Non-specific low back pain - how to treat?	E.Klemetti
		10	Juvenile disc herniation	T.Lund
		10	Discussion	D.Schlenzka
9:00	10:00		Scheuermann's kyphosis	Moderator:
		10	Case presentation	T.Yrjönen
		10	Aetiology and natural history	M.Grevitt
		10	Clinical assessment and imaging	D.Schlenzka
		10	Brace treatment - is it worthwhile?	H.Österman
		10	Operative treatment - technique and results	L.Ristolainen
		10	Discussion	M.Grevitt
10:00	10:30		Coffee and Exhibits	
10:30	11:45		Spondylolisthesis	Moderator:
		15	Classification and natural history	D.Schlenzka
		10	Case presentation: slip <50%	D.Schlenzka
		15	Treatment of low-grade spondylolisthesis	H.Österman
		10	Case presentation: slip >50%	T.Lund
		15	Treatment of high-grade spondylolisthesis	D.Haschtmann
		10	Discussion	D.Schlenzka
11:45	12:00	15	Final discussion, course evaluation, adjourn	
12:00			Farewell Lunch	