

Thursday, April 3, 2008

Basic Science

- 08.30 – 08.37 Association between IL-6 and MMP-3 Gene Polymorphisms and Adolescent Idiopathic Scoliosis: A Case-control Study
A.G. Aulisa, E. Pola, P. Papaleo, M. Galli, L. Aulisa
- The skeletal maturity determination in idiopathic scoliosis
Diogo Leonardo, Joaquim Sancho, Elsa Marques, Fernanda Filipe
- Changing a "progressive" into a "corrective" factor: the effect of intervertebral disc modulation in treatment of Idiopathic Scoliosis
Theodoros B. Grivas, Elias S. Vasiliadis, Georgios Rodopoulos, Nikolaos V. Bardakos, Konstandinos Gatos

Lecture

Concepts of AIS pathogenesis I. A collective model
Richard Geoffrey Burwell

Lecture

Concepts of AIS pathogenesis II. A neuro-osseous escalator model
Richard Geoffrey Burwell

Prevention – Screening

- Screening for preadolescent and adolescent id. Scoliosis of the spine in a Greek Rom population
P.N. Smyrnis, A. Alexopoylos, N. Sekouris, E. Katsourakis
- Advantages of a "two-step" procedure for the screening of idiopathic scoliosis
A.G. Aulisa, M. Galli, C. Perisano, L. Aulisa
- Identification of high risk young population for progressive idiopathic scoliosis
Konstantinos Soutanis, Nikolaos Pyrovolou, Panayotis Kontovazenitis, Anna Lenti, Panayotis Pantos, Konstantinos Starantzis, Panayotis Soucacos

Clinical, Radiological and Surface Topography evaluation

- Trunk asymmetry in normal juveniles
Theodoros B. Grivas, Elias S. Vasiliadis, Constantinos Mihas, Christina Maziotou, Georgios Triantafyllopoulos, Panagiotis Alexandropoulos
- Measurements of the hip joint range of motion in adolescent girls with idiopathic scoliosis
Tomasz Kotwicki, Agata Walczak, Andrzej Szulc
- The trunk and pelvis rotation range of motion and coupled motions in sagittal plane in adolescent idiopathic scoliosis girls
Agnieszka Stepien, Andrzej Seyfried
- First Rib Asymmetry and Shoulder Imbalance - Assessment of First Rib Index (FRI) in Thoracic X-Rays of People without Scoliosis
N. Sekouris, P. Smyrnis
- Lateral spinal radiograph helps in accurate Risser sign grading
Kotwicki Tomasz

- Radiographic evaluation of the elasticity in idiopathic scoliotic curves (Are lateral bending films reliable enough to estimate curve elasticity?)

Konstantinos Soutanis, Nikolaos Pyrovolou, Georgios Karaliotas, Iasonas Liveris, Vasilios Sakelariou, Georgios Mazis, Panayotis Soucacos

- Curve pattern changes in idiopathic scoliosis

J. Hermus, F. vd Berg, N. Guldemon, A.v. Ooij, L.v. Rhijn

- Assessment of the ability of patients with scoliosis to actively correct the surface asymmetry of the trunk

Agnieszka Bodnar-Nanus', Tomasz Kotwicki, Marianna Bialek, Andrzej M'hango

- The use of surface topography in the surveillance of adolescent idiopathic scoliosis: the influence of patient BMI on the reliability of curve measurement

Patrick Knott, Steven Mardjetko, Megan Dunn, Jennifer Yatchek, Tatiana Anthony

- How objective is the measurement of spinal deformities with the help of surface topography?

Katja Schumann, Ina Püschel, Axel Maier-Hennes

- Conservative treatment effects in spinal deformities revealed by surface topography – A critical review of literature

Hans-Rudolf Weiss

- Evaluating the Influence of Patient Positioning on the Accuracy of Ortelius 800 Measurements for Scoliosis

Patrick Knott, Steven Mardjetko, Megan Dunn, Daniel Johnson, Stephen Cruze, Juliette Moore

- Foot loading asymmetry in patients with scoliosis

Marianna Bialek, Patrycja Pawlak, Tomasz Kotwicki

- Do imbalance situation stimulate a spinal straightening reflex in patient with adolescent idiopathic scoliosis?

Michele Romano, Valentina Ziliani, Salvatore Atanasio, Fabio Zaina, Stefano Negrini

- A method for investigation of spinal kinematics in children with idiopathic scoliosis

Pawel Maciejasz, Wieslaw Chwala, Marianna Bialek, Tomasz Kotwicki

Lecture

- How idiopathic is the scoliosis? (An alley to checkup scoliosis clinically in a few minutes)

Franz Landauer

Posture

- Postural control in standing among Adolescent with Idiopathic Scoliosis

Liat Meller-Gattenyo

- Posture In Youths Practising Oriented Training Activity

Marzena Cebula, Krzysztof Czernicki, Jacek Durmala

- The significance of postural re-education in scoliosis

Ion Dan Aurelian Nemes, Dan V. Poenaru, Mihai Dragoi, Andreea Nita, Simona Carabineanu, Oana Bereteu, Roxana Onofrei, Elena Amaricai, Daniel Popa, Corina Dobrescu, Iosif Ilia, Razvan Dragoi, Camelia Nemes,

- The development of a novel biofeedback system for the evaluation, recording, control, correction, of the spinal posture

Elias Kallistratos, Vassilis Mahairas, Maria Papadopoulou, Themistoklis Parintas

Physiotherapy for scoliosis

- Exercises during brace weaning can reduce loss of correction in Adolescent Idiopathic Scoliosis (AIS) patients

Fabio Zaina, Stefano Negrini, Salvatore Atanasio, Michele Romano

- Physical exercises and adolescent idiopathic scoliosis: results of a comprehensive systematic review of the literature

M. Romano, C. Fusco, S. Minozzi, S. Atanasio, F. Zaina, S. Negrini

- End of treatment results of SEAS exercises: a controlled retrospective study

Stefano Negrini, Michele Romano, Alessandra Negrini, Silvana Parzini, Fabio Zaina, Salvatore Atanasio

- Selectively increased trunk mobility with FITS therapy: a preparatory stage for correction of idiopathic scoliosis

Marianna Bialek, Wieslaw Chwala, Tomasz Kotwicki

- Short-Term Effect of Therapeutic Exercises (TE) in Adolescent Idiopathic Scoliosis (AIS) Evaluated by the Baces System

C. Cisotti, C. Volpatti, F. D'Ossualdo, S. Schierano

- Efficacy of spinal orthosis combined with orthopedic gymnastics in treating patients with idiopathic scoliosis

Fan Yabei, Wang Tong, Wang Hongxing, Li Tao, Qian Kailin

- Effectiveness of Brügger-Therapy in Conservative Treatment by Children with Idiopathic Scoliosis

Dagmar Pavlu, Iva Blkovaã

- Exercise is not an independent risk factor for the development of adolescent idiopathic scoliosis.

M. Potoupnis, E. Kenanidis, K. Papavasiliou, F. Sayegh, G. Kapetanos

16.03 – 16.18 **Lecture**

Natural History of Idiopathic Scoliosis: Assessment of Risk Factors and Curve Progression

Panayotis N. Soucacos

Demonstration

- The state of the Bad Sobernheim Schroth Method

Hans-Rudolf Weiss, Axel Hennes

- Sforzesco brace and SPORT (Symmetric, Patient oriented, Rigid, 3D)

concept of bracing: the brace that substitute casts in worst case scoliosis

Stefano Negrini, Michele Romano

- SEAS (Scientific Exercises Approach to Scoliosis): the neuromotorial tool to avoid bracing in kids and surgery in adults

Stefano Negrini, Michele Romano

- **Lecture**

Current Indications and Recommendations for Orthotic Management in Idiopathic Scoliosis

George H. Thompson

Friday, April 4, 2008

Bracing for scoliosis

- SpineCore treatment for early scoliosis: 15° to 24°
Christine Coillard, Alin B. Circo, Charles H. Rivard
- The Use of the SpineCor Dynamic Corrective Brace in Greece – A preliminary report
Irina Tsakiri, Vangelis Vakaloglou, Kostantinos Karvounis, Petros Kattou, P.K. Soucacos
- A prospective study on the clinical efficacy and patients' acceptance of SpineCor and rigid spinal orthoses in treatment of AIS
M.S. Wong, C.Y. Cheng, B.K.W. NG, T.P. Lam, S.W. Sin, L.F. Lee-Shum, H.K. Chow, Y.P. Tam
- Clinical and postural behaviour of scoliosis during daily brace weaning hours
Stefano Negrini, Claudia Fusco, Michele Romano, Fabio Zaina, Salvatore Atanasio, Valentina Ziliani
- A Reliable Dosage Meter to Track Brace Usage
Edmond Lou, Douglas Hill, James Raso, Marc Moreau, Jim Mahood, Douglas Hedden
- Preliminary Results of Prediction of Brace Treatment Outcomes by Monitoring Brace Usage
Edmond Lou, Douglas Hill, James Raso, Marc Moreau, Jim Mahood, Douglas Hedden
- The Athletic Abilities in the Idiopathic Scoliosis Patients with Brace Therapy
Akiko Misawa, Yoichi Shimada, Naohisa Miyakoshi, Michio Hongo, Yuji Kasukawa, Shigeru Ando
- Brace treatment can change aesthetics in Adolescent Idiopathic Scoliosis (AIS) patients
Fabio Zaina, Stefano Negrini, Salvatore Atanasio
- Pressure measurements in a new TLSO with a dynamic thoracic brace pad for idiopathic scoliosis
J. Hermus, P. Monteban, N. Guldemond, A.v. Ooij, L.v. Rhijn
- BRACE MAP, a proposal for a new classification of braces
Stefano Negrini, Fabio Zaina, Salvatore Atanasio

Bracing for scoliosis

Lecture

Treatment of early adolescent idiopathic scoliosis using the SpineCor system
Christine Coillard

Lecture

A prospective randomized study of the natural history of idiopathic scoliosis versus treatment with the spinecor brace
Charles H. Rivard

Lecture

Part time wearing of a modified Boston Brace (20 years follow-up)
Georgios Kapetanios

Lecture

Passive and active mechanisms of correction of thoracic scoliosis with a rigid brace
Tomasz Kotwicki

Lecture

Compliance monitor as a clinical tool, tracking patient outcomes in the private setting, review of the Boston Brace chapter
James H. Wynne

Lecture

Spinal deformities in ancient Greece
Elias Vasiliadis

Presidential Address

- School Screening as a Research Tool in Epidemiology, Natural History and Aetiology of Idiopathic Scoliosis

Theodoros B. Grivas

- To brace or not to brace that is the question

Franz Landauer

- Vertebral deformity corrected by bracing: retrospective selected case series of 10 scoliosis patients treated with a RSC Brace

Manuel Rigo, Moñica Villagrasa, Gloria Quera-Salvañ

- Early Night-Time-Bracing – an Alternative in Scoliosis Management

Andreas Selle, Jens Seifert

- Brace treatment with progressive lordotic forces at the thoracolumbar junction in adolescent scoliosis and hyperkyphosis

Piet J.M. van Loon, Monique Roukens, DirkJan Wever

- Remodelling of Cheneau's brace during the treatment

J. Cheneau, D. Chekryzhev, A. Mesentsev, D. Petrenko

Lecture

- Limitations of brace treatment (To find criteria for a successful bracing in AIS. Don't start too early - don't start too late)

Franz Landauer

Lecture

- Brace treatment for adolescent idiopathic scoliosis

Edmond Lou

Lecture

- Brace action: biomechanics of 3D correction

Manuel Rigo

Lecture

- Quality of life after Conservative Treatment of Adolescent Idiopathic Scoliosis

Elias Vasiliadis

Lecture

- Thoracolumbar braces for the treatment of AIS. Is there any difference

Georgios Sapkas

Saturday, April 5, 2008

Sagittal plane deformities

- Kyphosis angle evaluated by video rasterstereography – relation to x-ray measurements

Hans-Rudolf Weiss, ElObeidi N

- Forced lordosis on the thoracolumbar junction can correct double major scoliosis; an innovative approach on brace treatment and etiology of adolescent scoliotic and kyphotic deformities

Piet J.M. van Loon, Bob Kühbauch, Frederik Thunnissen

- The geometry of the spine in the saggittal profile in scoliotic girls compared with non scoliosis girls

Manuel Rigo, Moñica Villagrasa, Gloria Quera-Salvaã

- Clinical validation of a specific scale (HDSS) to measure how Harmonic / Disharmonic is the geometry of the spine in the saggittal plane

Manuel Rigo, Moñica Villagrasa, Gloria Quera-Salvaã

- Values of thoracic kyphosis and lumbar lordosis in adolescents from Czestochowa

Jacek Durmala, Ewa Detko, Katarzyna Krawczyk

Adult deformities – evaluation and conservative treatment

- Can radiographic measurements of degenerative lumbar scoliosis predict clinical symptoms?

Avraam Ploumis, Hong Liu, Amir Mehbod, Ensor Transfeldt

- SEAS exercises revert progression of adult scoliosis: a retrospective long-term study

Alessandra Negrini, Stefano Negrini, Silvana Parzini, Michele Romano, Fabio Zaina, Salvatore Atanasio

- Adult scoliosis and the SPINECOR® dynamic brace: some early results on efficiency

Louise Marcotte, Charles-Hilaire Rivard, Christine Coillard

Non – idiopathic scoliosis conservative treatment with a brace

- Conservative treatment in patients with severe congenital scoliosis – presentation of three cases

Hans-Rudolf Weiss

- Spontaneous resolution of a Chiari I malformation and cervicothoracic syrinx in a 9 years old girl with a 47° scoliosis responding favourably to bracing

Manuel Rigo, Luis Manuel Gonzalez Martinez

- Conservative Treatment in patients with scoliosis due to Prader Willi Syndrome

Hans-Rudolf Weiss, Silvia Bohr

- Treatment of the congenital scoliosis by Cheneau's brace. The first experience

J. Cheneau, D. Chekryzhev, A. Mesentsev, D. Petrenko

Lectures

- Dobosiewicz method - Physiotherapy for idiopathic scoliosis

Jacek Durmala

- Reversing the vicious cycle by conservative treatment of scoliosis

Hans-Rudolf Weiss

- Call for conservative specialists to join orthopaedic surgeons in scoliosis management

Stefano Negrini

- Evaluation and Treatment of Early Onset Scoliosis

George H. Thompson

Quality of life

- Medical and psychosocial outcome of Scoliosis In-Patient Rehabilitation (SIR)

Klaus Freidel, Franz Petermann, Dagmar Reichel, Petra Warschburger, Hans-Rudolf Weiss

- Effect of conservative treatments on QoL according to the SRS-22

Salvatore Atanasio, Monica Dulio, Fabio Zaina, Stefano Negrini

- Does bracing affect the quality life of the patients?

Toru Maruyama, Katsushi Takeshita, Tomoaki Kitagawa

- Psychological problems of patients with scoliosis in Cheneau's brace

F.A. Levitskiy, N.S. Yaroslavskaya, N.L. Litvinova, E.K. Ryhlevskiy, V.A. Bebesko, A.V. Plyatsek, N.A. Velikiy

- Quality of life of adolescents with idiopathic scoliosis in relation with the duration of application of modified Boston brace

E. Kenanidis, M. Potoupnis, K. Papavasiliou, St. Vavaletskos, G. Kapetanios

- Severity of Illness, Functional Status, and Health-Related Quality of life in Youth with Spina Bifida

Robin R. Leger

Miscellanea

- The Best Treatment for Adolescent Idiopathic Scoliosis: What do Current Systematic Reviews Tell Us?

Lori Dolan, Stuart Weinstein

- Adolescent Idiopathic Scoliosis – A review of the treatments and evidence-based practice

Deborah Goodall, Hans-Rudolf Weiss

- Evaluation of pulmonary function before and after vertebral arthrodesis in idiopathic scoliosis

A.G. Aulisa, M. Galli, D.B. Piazzini, A. Specchia, C. Perisano, L. Aulisa

- A new Brace for the treatment of camptocormia SUMMARY OF BACKGROUND

Mathieu de Sèze, Alexandre Creuzé

- Spinal algorithmic

Biagio Iemolo

Demonstration

- Curve pattern specific exercises for adolescent idiopathic scoliosis according to the Barcelona school

Manuel Rigo

- Patient's therapy according FITS Concept

Marianna Bialek, Andrzej M'hango

- Main principles of FITS

Marianna Bialek, Andrzej M'hango

SOSORT 2009 Lyon presentation