

# International Conference on Conservative Management of Spinal Deformities

Barcelona 23-24 January 2004

## Program Chairman

Manuel Rigo, M.D. (Spain)

## International Faculty Members

Hans Rudolf Weiss M.D. (Germany), Stefano Negrini M.D. (Italy),  
Tomasz Kotwicki M.D. (Poland), Franz Landauer M.D. (Austria),  
Jacques Chêneau M.D. (France), Toru Maruyama M.D. (Japan), Dror Ovadia M.D. (Israel),  
Theodoros B. Grivas M.D. (Greece), Charles-Hilaire Rivard M.D. (Canada),  
Renzo Aulisa M.D. (Italy), Jean Claude De Mauroy M.D. (France).

## LOCATION:

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## FINAL PROGRAM:

### Friday 23<sup>rd</sup> January 2004

08:30 - 09:00 Documentation

09:00 - 09:15 Opening remarks

First Session : Natural history, Physiotherapy, Psychology and social aspects.

09:15 - 09:45 Keynote: Natural history of juvenile and adolescent idiopathic scoliosis. (*M.Rigo*)

09:45 - 11:00 Etiology of Idiopathic Scoliosis – Do psychological issues contribute?

*Weiss HR, ElObeidi N*

Growth and curve stabilization in girls with adolescent idiopathic scoliosis

*Marco E, Escalada F, Duarte E, Muniesa JM, Belmonte R, Tejero M, Cáceres E*

Physical exercises as a treatment for adolescent idiopathic scoliosis. A systematic review.

*Negrini S, Antonini G, Carabalona R, Minozzi S*

Social Acceptability of Treatments for Adolescent Idiopathic Scoliosis

*Negrini Stefano, Brambilla Caterina, Carabalona Roberta*

Compliance in Patients with Idiopathic Scoliosis (IS) – How to improve?

*Weiss HR, Reiter CH,*

Biomechanics of specific exercises to correct scoliosis in 3D.

*Rigo M., Quera Salvá G., Puigdevall N., Corbella C., Gil MJ., Martínez S., Villagrana M.*

A non-invasive approach for scoliosis assesment.

*Ovadia D., Fragniere B., Dickman., Leitner J., Rigo M., Dubousset J*

11:00 -11:30 Coffee-break. Exhibition.

11:30 -12:10 First session (cont.)

Three-dimensional postural changes induced by non-invasive treatment of Idiopathic Scoliosis.

*Coillard C, Zabjek KF, Rivard CH.*

Validity of clinical examination in adolescent spinal deformities  
*Monticone M, Negrini S, Grosso C, Paroli C, Carabalona R, Negrini A*

Functional evaluation for idiopathic scoliosis: comparison with a normal control group.  
*Romano M, Gerosa L, Ferrari E, Negrini S*

Utility of peak angle velocity in the assessment of adolescent idiopathic scoliosis  
*Marco E, Escalada F, Belmonte R, Duarte E, Muniesa JM, Tejero M, Cáceres E.*

12:10 -12:30 Discussion

12:30 -13:00 Round table: Physiotherapy

13:00 -14:20 Lunch break. Exhibition.

2nd session: Conservative management of scoliosis.

14:20 -15:30 A prospective randomized study of the natural history of idiopathic scoliosis versus treatment with the SpineCor brace: interim results.  
*CH Rivard, C Coillard, KF Zabjek*

Experiences gained with the SpineCor Dynamic Brace in Hungary  
*Judit G.Farkas*

Prevalence of surgery in patients with adolescent idiopathic scoliosis (AIS) following conservative treatment – A Meta analysis  
*Weiss, HR; Weiss GM*

Effectiveness of conservative treatment for idiopathic scoliosis -a combination of brace treatment and physical treatment-  
*Toru Maruyama, Tomoaki Kitagawa, Katsushi Takeshita, Keiichi Mochizuki, Kozo Nakamura*

Effectivity of SpineCor treatment during pubertal growth spurt in Girls with Idiopathic scoliosis (IS)  
*Weiss, HR; Weiss GM*

Survival analysis of the first weaned patients treated with the SpineCor brace.  
*Rivard Ch, Coillard C, Zabjek KF.*

Protocol for the prospective study on the effectiveness of bracing for scoliosis  
*Tomasz Kotwicki, Witold Dudziński, Andrzej Szulc*

15:30 -16:00 Keynote: Conservative treatment of idiopathic scoliosis ( *Weiss HR* ).

16:00 -16:30 Discussion

16:30 -17:00 Coffee-break. Exhibition.

3<sup>rd</sup> session: free papers

17:00-18:00 Three-dimensional postural parameters that differentiate scoliotic curves.  
*Zabjek KF, Coillard C, Rivard CH.*

Oculomotor Functional Improvement in Scoliotic Children With Bracing.  
*Lamantia M.J., Deutchman G., Bagley Ch.*

Biomechanics Of The Conservative Treatment In Idiopathic Scoliotic Curves In Surgical "Grey-Area"

*S. Luppearelli\*, G. Mastantuoni, A.G. Aulisa, E. Pola, and L. Aulisa,*

Biomechanical Factors Affecting Progression Of Structural Scoliotic Curves Of The Spine

*S. Luppearelli, E. Pola, A.G.Aulisa, G. Mastantuoni, F. Larosa and L. Aulisa*

Efficacy of antilordotic TLSO braces to reduce spondylolisthesis in adolescents: preliminary results from a clinical retrospective study

*Negrini Stefano, Monticone Marco, Paroli Chiara*

Reliability of the Scoliosis Research Society-22 Patient Questionnaire (Italian version) in mild adolescent vertebral deformities

*Monticone Marco, Carabalona Roberta, Paroli Chiara, Negrini Stefano*

18:00 -19:00 Business meeting: New Society on Conservative Management.

20:30 Dinner

### **Saturday, 24<sup>th</sup> January, 2004**

08:30 -09:30 SpineCor brace meeting ( *Rivard Ch, Coillard C* )

09:30 -10:00 Keynote: State of the art in operative treatment of scoliosis. (*P. Edelmann*)

4<sup>th</sup> session: Standard of bracing

10:00 -11:10 Scoliosis treating brace

*Jacques Chêneau, Gudrun Engels*

Scoliosis correction with TLSO by apex translation

*Landauer F. Behensky H. Wimmer C.*

Biomechanics Of The Conservative Treatment Of Thoracolumbar And Lumbar Idiopathic Scoliotic Curves With The Progressive Action Short Brace (P.A.S.B.)

*S. Luppearelli, E. Pola, A.G.Aulisa, G. Mastantuoni and L. Aulisa*

Correction of Thoracolumbar and Lumbar Curves with a New Short Brace for Idiopathic Scoliosis.

*S. Luppearelli, A.G. Aulisa, G. Mastantuoni, E. Pola, F. Larosa and L. Aulisa,*

Evolution of orthopaedic management of idiopathic scoliosis with the introduction of new materials.

*Rotllant R.*

Excellence of Chêneau braces for patients with idiopathic scoliosis (IS)

*Werkmann M*

Intra-observer reliability of a new classification correlating with brace treatment.

*Rigo M.*

11:10 -11:40 Coffee-break. Exhibition.

11:40 -12:50 2<sup>nd</sup> Round table: Standard of bracing ( *Tomasz Kotwicki, Stefano Negrini* )

12:50 -13:10 Homage: Christa Lehnert-Schroth and Jacques Chêneau. & close.

**Additional information**

**Scientific bureau:**

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