



SOSORT

INTERNATIONAL SOCIETY ON SPINAL ORTHOPAEDIC AND
REHABILITATION TREATMENT

NEWSLETTER Nº 2-2009

EDITORIAL	NEWS	SCIENTIFIC EVENTS	REVIEW OF LITERATURE		LINKS	PREVIOUS NEWSLETTER
			SCOLIOSIS JOURNAL	OTHER SOURCES		

EDITORIAL:

Dear Members and Colleagues,

The current Newsletter wants to emphasize the importance of the next Meeting in Lyon for the growth of our Society.

As we announce you previously, the 6th annual meeting of SOSORT, this year is held in Lyon and hosted by Dr. Jean Claude de Mauroy. The main topic: deformation of the spine in the sagittal plane.

Is Jean Claude de Mauroy how presents an editorial introducing us into the current history situation between the SIRER and the SOSORT. In this context he remarks the conservative treatment in the scoliosis field and the importance of the work done during our meetings.

This work is shown in the summaries expose in the Committee's Contribution section, which reflexes the task made during this year in each Committee.

Waiting to meet you next week in Lyon.

M.Villagrasa, F. Zaina, P. Pizzetti.

EDITORIAL: SIRER-SOSORT

6th CONFERENCE CHAIRMAN: Jean Claude DE MAUROY

The first international Society bringing together physicians, physiotherapists, and orthesists was the International Society of Research and Studies on the Spine (SIRER),

which I have the honor to currently chair. SIRER was founded on the initiative of the physiotherapists at the time of the construction of Europe. Then the majority of the European founding members of the SOSORT formed part of it. At the time, the problem of the language was solved by a not very expensive and sponsored simultaneous translation. But gradually, initial enthusiasms blunted, some congresses were in deficit and especially the difficulties of translation transformed this society into a Franco-Italian structure alternating the conferences in France and Italy with a journal published in the two languages.

The SOSORT under the impulse of its founding members again took up the torch while placing the bar very high from the start. The structure is:

- International,
- The publications are indexed in PubMed with creation of a specific review (SCOLIOSIS),
- The committees work actively in the interval of the Conferences,
- The scientific communications are assessed according to the rules of Evidence Based Medicine
- The Educational Sessions are a true continuous medical education for the youngest.
- The Conferences of Consensus seek to unify our protocols.

I was lucky to participate in all the Conferences of the SOSORT from the first Barcelona. The covered way is considerable and I am proud to take part in it at the time of the [stop in Lyon](#) this year.

The success of the SOSORT is related to obviousness. We all are convinced of the effectiveness of conservative orthopedic treatment of vertebral deformities. The surgery of the vertebral deformities, in spite of immense progress, remains antiphysiologic. The spinal column is a flexible device which is not made to be rigidified. Any surgery results in the loss of the tensegrity of the spine and its omnidirectionality.

Then why has there been this progressive disinterest of the conservative treatments which resulted in a vertiginous fall of the international publications whereas the surgical publications continued to increase?

The reasons are multiple:

- In contrast to surgery where some international companies provide the totality of the material, the manufacture of the braces remains artisanal, and each city has its brace for scoliosis. This diversity harms the figure of the conservative treatment,
- The absence of true specialization in Orthopedic Medicine and separation between infantile orthopedics and adult orthopedics in many countries makes it impossible for the physician who prescribed the braces to appreciate the results at adulthood and to carry out reliable evaluations of them,
- The young patients and their families are less and less patient and prefer sometimes a faster surgery.
- The conservative treatment requires more than surgery: a teamwork between physician physiotherapist and orthesist during several years. The solidity of this chain is the weakest link
- The chaotic nature of the scoliosis of less than 25° (de Mauroy, 2008, Picault et al. 1986) prevents reliable prediction of natural history and makes illusory the preventive brace treatment which in addition does not make it possible to cure the scoliosis by bringing back the angulation to 0°,
- The three-dimensional character of the scoliosis makes difficult the realization of the braces

One could prolong the list, but is it because a treatment is difficult that it should not be

carried out?

To preserve the integrity of the spinal column of a teenager is a challenge which requires an effort.

As in previous years, I wish that the 6th International Conference of the SOSORT in Lyon will make it possible to concentrate this energy for the greatest profit of all.

Jean Claude de Mauroy
6th Conference Chairman

de Mauroy JC. Idiopathic scoliosis and chaos. Stud Health Technol Inform. 2008;135:53-7.

Picault C, deMauroy JC, Mouilleseaux B, Diana G 1986. Spine 11: 777-778. Natural history of idiopathic scoliosis in girls and boys.

NEWS:

Committee's CONTRIBUTIONS:

SOSORT EDUCATION COMMITTEE

Definition:

A group of SOSORT members, approved by the SOSORT board, to work on this particular subject of 'education'.

Membership:

Any member of the SOSORT is welcome to collaborate in this committee.

Current Members are:

Orna Herling PT (Israel)
Beth Janssen PT (USA)
Cindy Marti PT (USA)
Patrick Knott PhD, PA-C (USA)
Josette Bettany-Saltikov PT, PhD (UK)
Luke Stikeleather OT (USA)
Timothy Rolfe MD, PhD (AU)
Tony Bets PT (UK)
Esther De Ru PT (NED)
Manuel Rigo MD, PhD (SPN)

Objectives:

The objectives of this committee are clearly defined in the SOSORT statutes. The statutes of the SOSORT declares in its article 4:

'- *The general aim of the society is:*

First, to foster the best conservative management – early detection, prevention, care,

education and information - of scoliosis and other spinal deformities.'

Later, in its point 4.5 specify that one of the aims of the society is:

*'To promote specific **education and training** among professionals creating a body of specialists in this particular area, able to care efficiently for scoliosis patients.'*

Projects:

- 1) Introduction-education course of the SOSORT on conservative methods (physical therapy and bracing). Running before or after the annual SOSORT meeting. The form and content of the first course (Montreal 2010) has to be discussed and approved by the SOSORT board.
- 2) The coordination of a series describing the physical therapy methods represented in the SOSORT to be published in scoliosis, the journal.
- 3) Compilation of a comprehensive list of current training programs and abstracts summarizing the principles of the different methods represented in the SOSORT. Information about International courses with programs and contains approved by the Committee and the SOSORT board.
- 4) Promotion of SOSORT among the different scientific societies with interest in this field as well as the patient's societies, groups, foundations, etc
- 5) The most ambitious project is the elaboration of an 'Scoliosis International White Book'.

To any further information please contact with the provisional coordinator:

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BOOK COMMITTEE

Chair: Dr. Theodoros B. Grivas, MD, PhD

Aim: The preparation of the SOSORT Instructional Course Lectures (ICL) book series or other SOSORT Book publications.

Importance of the committee: The work of the committee is crucial because the ICL books are reflecting in the rest of the world the aim for which SOSORT is striving, that is the state of the art of various spinal deformities conservative treatment.

Publisher: The first ICL book was published by the IOS Press, a reliable Publisher, at a very convenient cost per copy. There is long-standing collaboration with this publisher, due to IRSSD publications -**Research into Spinal Deformities** - in the **Stud Health Technol Inform** series. This is our best choice for publication.

All the chapters of the IOS books are also PubMed – Medline index, a significant feature for our work. Working with IOS Press, there is also the intention of creating a tradition with the shape, format and the lay out of our SOSORT ICL book publications.

Topic, Title of the Book: The new topic for the book is going to be defined at Lyon SOSORT Meeting. Kyphosis will be the first suggested subject. Once accepted, the Lyon Educational program could be the basis for the next SOSORT ICL book.

The first ICL book: It was published and distributed in 2008 Athens SOSORT meeting, by IOS Press. The title is "**The Conservative Scoliosis Treatment**" Volume 135 Studies in Health Technology and Informatics, Editor: T.B. Grivas, March 2008, 440 pp., hardcover, ISBN: 978-1-58603-842-7, Price: US\$196 / €140 / £98

People interested in participating in this project (second ICL book) or the committee activities in general, please contact the chair: grivastb@vodafone.net.gr

MEMBERSHIP COMMITTEE

Chair: Fabio Zaina

The committee has worked on promoting SOSORT within scoliosis experts and researchers. A periodical Medline search has been performed with this purpose. Moreover, the committee is sending an invitation e-mail all the authors that have published on the society journal, "Scoliosis".

SOSORT CLINICAL COMMITTEE

Chair: Stefano Negrini

Aim of the Committee

Following the clinical developments of the conservative treatment (bracing, exercises and evaluation), give the adjourned guidelines, solve the problems of nomenclature and terminology, define the minimum clinical requirements according to the literature.

First meeting

In Lyon, we have to define short term aims and distribute responsibilities. Each member will have some work to perform and distribute among the other members before being submitted for first approval to the Board.

Action to be performed

Development of new evidence based guidelines

Proposals for next SOSORT Consensus

Definition of correct terminology about bracing and exercises

Definition of the evaluation tools (minimal and extended set) to be considered for clinical studies and everyday clinics in bracing and exercises

NEWSLETTER COMMITTEE:

Aims:

A group of SOSORT members, approved by the SOSORT board, work for sharing the internal and external **information** about the Society and all is related with the scoliosis and spinal deformities' conservative treatment from a scientific and human point view. The Newsletter is free available in the SOSORT web.

Membership:

Current Members are:

Fabio Zaina MD, DO (Italy)
Paolo Pizzetti PT (Italy)
Mònica Villagrasa PT, CO (Spain)

Any member of the SOSORT is welcome to collaborate in this committee.

Projects:

During the first year we were working on the different sections of the Newsletter:

- 1.- COMMITTEE EDITORIAL: introducing the newsletter
- 2.- EDITORIALS: EXPERTS
- 3.- SOSORT NEWS: Committees and other interests
- 4.- SCOLIOSIS EVENTS
- 5.- PAPER REVIEW (scoliosis journal and pubmed)
- 6.- LINKS and others

Nowadays our objective is to protocolize it for each edition. During the annual meeting we will discuss with the Board about the best topics to be touch in each Newsletter and we will ask to the experts for their collaboration to facilitate all the work.

We are absolutely open to new ideas and proposals to improve in our informational labour, so if you want to collaborate with us contact with Mònica Villagrasa (current coordinator of this committee): monikve78@hotmail.com

ETHIC COMMITTEE:

Aims:

Determine rules of moral and ethical relations inside the different disciplines and among them, in work and research.

To be a committee of arbitration in any complain or problem about ethics.

Membership:

Tamar Neuhaus, PT, PhD (Israel)

Any member of the SOSORT is welcome to collaborate in this committee.

Projects:

The Committee has prepared a draft on the topic that will be the base of our Ethic Code. This draft will be discussed in the board meeting being necessary the collaboration of all professions to enrich the final Ethic Code.

SCIENTIFIC EVENTS:

23th-24th April 2009, Leicester, UK: British Scoliosis Society Annual Meeting

6th SOSORT MEETING. LYON, May 20th-23rd, 2009. by Dr. Jean Claude de Mauroy

23rd-26th September 2009, San Antonio, Texas, USA: 44th SRS annual meeting

2010 Edmonton, Canada: IRSSD meeting

LINKS :

Scientific Societies

www.sosort.org

www.sosort-lyon.net

www.spine.org

www.srs.org

www.liv.ac.uk/HumanAnatomy/phd/bss/bss.html

www.bsrp.co.uk

www.gss.it

www.gis.it

<http://www.boa.ac.uk>

Patients associations

www.escoliosis.org

www.scoliosis.org

www.sauk.org.uk

www.scoliosis-assoc.org

www.scoliosis-info-forum.de

www.scoliosis-australia.org

<http://scoliosi.forumfree.net>

www.SpineKids.com

www.scoliosiscare.org

CONTACT US:

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