

INTERNATIONAL NEUROMODULATION SOCIETY

II MEETING OF THE

EUROPEAN REGIONAL JOINT GROUP

FRANCE · GERMANY · ITALY · GREECE · SPAIN

Madrid (Spain), June 16-18, 2010



CLINICAL UPDATE IN  
NEUROMODULATION

NEUROMODULATION IN EUROPE 2010

PROGRAM

nsinsins

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*The organizers of the meeting want to thank all listed doctors and engineers for their invaluable assistance. All of them accepted to participate in this meeting without any economic compensation or any other form of reward.*

*The selection of speakers was carried out without any commercial or extra-scientific criteria.*

June 16<sup>th</sup>, 2010

## Introductory Sessions

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- 18:30-18:40     **Welcome & Introduction**  
*Dr. David Abejón (Spain)*
- 18:40-19:00     **Neurophysiology and Neuromodulation**  
*Dr. Jordi Montero (Spain)*
- 19:00-19:20     **Future of Neuromodulation**  
*Dr. Elliott S. Krames (USA)*
- 19:20-19:40     **New Frontiers in Spinal & Peripheral  
Neuromodulation**  
*Prof. Mario Meglio (Italy)*
- 19:40-20:00     **New Frontiers in Brain Stimulation**  
*Prof. Damianos E. Sakas (Greece)*
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- 20:00             **Welcome Cocktail**  
Sponsored by St Jude Medical

Plaza de Cibeles



June 17<sup>th</sup>, 2010

## Neuromodulation and Pain

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8:00-8:10: **Introduction**  
*Dr. Simon Thomson (UK)*

TABLE I: BASICS OF SPINAL CORD STIMULATION  
*Chairman: Dr. Elena Catalá (Spain)*

8:10-8:20 **Current and Future Investigation Lines in Neuromodulation**  
*Dr. Jordi Pérez (Spain)*

8:20-8:40 **Has Sensory Mapping Changed since Barolat's Works of 1993?**  
*Dr. Giancarlo Barolat (USA)*

8:40-9:00 **Relevant Anatomy in Epidural Lead Implantation**  
*Dr. Robert M. Levy (USA)*

9:00-9:20 **Strategy with Open Mini-Lamitomy Guided Implantation in SCS Surgery**  
*Dr. Dr. Werner Braunsdorf (Germany)*

TABLE II: BASICS OF SPINAL CORD STIMULATION (II)  
*Chairman: Dr. David Abejón (Spain)*

9:30-9:50 **Transverse vs. Longitudinal Control of SCS Fibers: Targeting & Implications for Paresthesia Overlap**  
*Dr. Claudio Feler (USA)*

9:50-10:10 **Rational use of Electric Parameters in Neurostimulation**  
*Dr. Ljubomir Manola (The Netherlands)*

10:10-10:30 **Differences between Constant Current and Constant Voltage Stimulation Systems**  
*Mr. Pablo Rueda (Spain)*

10:40-11:10 COFFEE BREAK

TABLE III: SUBCUTANEOUS STIMULATION  
*Chairman: Dr. María Luisa Franco (Spain)*

11:10-11:30 **Action Mechanisms of Subcutaneous Stimulation**  
*Dr. Stefanos Korfiatis (Greece)*

11:30-11:50 **Surgical Technique in Subcutaneous Lead Implantation**  
*Dr. Declan O'Keeffe (Ireland)*

11:50-12:10. **Outcomes of Subcutaneous Stimulation**  
*Dr. Karl Wohak (Austria)*

TABLE IV: PERIPHERAL NERVE STIMULATION  
*Chairman: Dr. Stefanos Korfiatis (Greece)*

12:20-12:40. **Peripheral Nerve Stimulation in the Management of Cephalaea. Physiopathology and Outcomes**  
*Dr. Rafael Calvo (Spain)*

12:40-13:00 **A New Approach with Perineural Therapy in CRPS**  
*Dr. Werner E.K. Braunsdorf (Germany)*

13:00-14:00      **SATELLITE SYMPOSIUM:**  
**More than just a feeling: The importance of posture-adaptive stimulation and objective outcomes for SCS therapy**  
*Sponsored by Medtronic*

14:00-14:30      **POSTER SESSIONS**

**TABLE V: SPINAL CORD STIMULATION IN VASCULAR DISEASES**

*Chairman: Dr. José Luis de la Calle (Spain)*

15:00-15:20      **SCS for Peripheral Vascular Disease. Indications and Results**  
*Dr. Luc Claeys (Germany)*

15:20-15:50      **SCS for Refractory Angina Pectoris. Indications and Results**  
*Dr. Mike J.L. Dejongste (The Netherlands)*

15:50-16:10      **Revision of NICE Clinical Guidance. Were all Possible Articles Analysed?**  
*Dr. Simon Thomson (UK)*

**TABLE VI: INTRATHECAL INFUSION FOR PAIN MANAGEMENT**

*Chairman: Dr. Javier de Andrés (Spain)*

16:20-16:40      **Choice of the Ideal Drug in Intrathecal Infusion**  
*Dr. M<sup>o</sup> Dolores López Alarcón (Spain)*

16:40-17:00      **Opioid Drugs in Intrathecal Infusion**  
*Dr. Juan Pérez-Cajaraville (Spain)*

17:00-17:20      **Non-Opioid Drugs in Intrathecal Infusion**  
*Dr. Alfredo Perucho (Spain)*

17:30-18:00      **COFFEE BREAK**

**TABLE VII: INTRATHECAL INFUSION**

*Chairman: Dr. Elliott S. Krames (USA)*

18:00-18:20      **Ziconotide Positioning. Is it Really a First-line Drug?**  
*Dr. Paolo Poli (Italy)*

18:20-18:40      **Main Indications of Ziconotide. Alone or in Combination?**  
*Dr. Joaquín Insausti (Spain)*

18:40-19:00      **Intrathecal Baclofen: the Present Indications**  
*Dr. Ivano Dones (Italy)*

19:00-19:20      **Ziconotide: Italian Register**  
*Dr. Laura DeMartini (Italy)*

21:00              **GALA DINNER**  
*Sponsored by St Jude Medical*

June 18<sup>th</sup>, 2010

# Functional Neuromodulation

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TABLE I: CONCEPTS AND INDICATIONS OF BRAIN STIMULATION

Chairman Prof.: *Jean-Paul Nguyen (France)*

- 8:30-8:50     **Action Mechanisms of Deep Brain Stimulation**  
*Dr. Stephan Chabardes (France)*
- 8:50-9:10    **Relevant Anatomy and Physiology in Deep Brain Stimulation**  
*Dr. Juan A. Alberdi (Spain)*
- 9:10-9:30    **Vagal Nerve Stimulation: Surgical Technique and Clinical Results**  
*Dra. Cristina Torres Díaz (Spain)*
- 9:30-9:50.   **Deep Brain Stimulation for Psychiatric Disorders**  
*Dr. Angelo Lavano (Italy)*

TABLE II: BRAIN STIMULATION AND PAIN

Chairman: *Dr. José Paz (Spain)*

- 10:00-10:20   **Deep Brain Stimulation for Pain treatment**  
*Dr. Joan Molet (Spain)*
- 10:20-10:40   **Motor and Somatosensorial Targetting in Cortex Stimulation**  
*Dr. Mark Plazier (Belgium)*
- 10:40-12:00   **Cortex Stimulation for Pain**  
*Prof. Jean-Paul Nguyen (France)*
- 12:00-12:30   COFFEE BREAK

TABLE III: DBS FOR MOVEMENT DISORDERS

Chairman: *Dr. Werner E.K. Braunsdorf (Germany)*

- 12:30-12:50   **Deep Brain Stimulation for Parkinson's Disease**  
*Dr. Sylvie Raoul (France)*
- 12:50-13:10   **Deep Brain Stimulation for Essential Tremor**  
*Prof. Jean-Paul Nguyen (France)*
- 13:10-13:30   **Deep Brain Stimulation for Epilepsy**  
*Dr. Stephan Chabardes (France)*
- 13:30-13:50   **Functional Neurosurgery with DBS in Certain Kinds of Dystonia**  
*Dr. Frank Hertel (Germany)*
- 14:00-15:00   LUNCH BREAK

TABLE IV: OTHER NEUROSTIMULATION MODALITIES

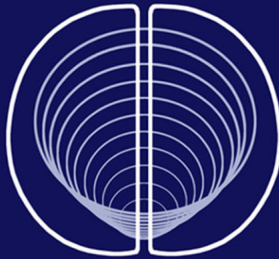
Chairman:

- 15:00-15:20   **Sacral Root Stimulation for Urinary Incontinence**  
*Dr. Miguel Jiménez-Cidre (Spain)*
- 15:20-15:40   **Sacral Root Stimulation for Other Urinary Disorders**  
*Dr. Giandomenico Babbolin (Italy)*
- 15:40-16:00   **Sacral Root Stimulation for Proctologic Disorders**  
*Dr. Arantxa Muñoz (Spain)*

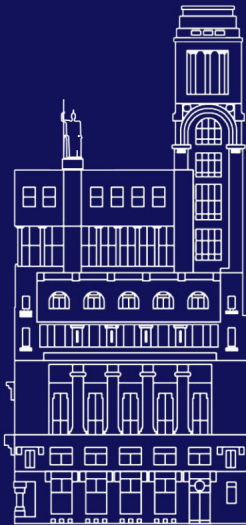
The Organizers want to thank in a very special way the sponsors without whose contribution and continuous assistance the holding of this meeting would have been impossible:



Organized by



Sociedad Española de  
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I.N.S. Spanish Chapter



Congress venue:  
**CÍRCULO DE BELLAS ARTES**  
c/ Alcalá 42  
28014 Madrid  
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This institution was founded in 1880 through the efforts of a small group of artists. During the early twentieth century, some relevant characters of the Spanish cultural life directed the Institution, such as literature Nobel price Jacinto Benavente, and many artists like the young Picasso as a student attended their classes inside its walls. Since 1985 the "Circle" opened to the general public and frequently hosts many cultural and scientific activities.



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