Conference and Exhibitors' Guide

December 9-12, 2007
Acapulco, Mexico
Biotech innovator Elan Corporation, plc discovers and develops therapies that improve patients’ lives.

Elan is committed to making a difference in the lives of patients and their families by developing scientific innovations to address significant unmet medical needs worldwide.

Elan is proud to be a Platinum Sponsor of the 2007 INS and NANS Conference.
Every 5 Seconds
we help improve another life

Elena
Parkinson’s disease
With Thanks to our Generous Sponsors and Exhibitors

As Chairs of the Joint Conference of the International Neuromodulation Society and the North American Neuromodulation Society, we thank the following companies for their generous support of this conference.

From the magnificent and informative Exhibit Hall in Princesa Ballroom A (13), to the educational Symposia during the Conference, to the convenience of our Internet Café, to the details of conference bags and badge lanyards, we encourage you to personally thank our Platinum Sponsors and our Exhibitors for making this Conference possible.

Elliot Krames, MD, President of the International Neuromodulation Society
Joshua Prager, MD, President of the North American Neuromodulation Society
Francisco Velasco, MD, Honorary Conference Chair

Our Platinum Sponsors

Our Exhibit Hall Exhibitors

Our Foyer Exhibitors

Gastroparesis and Dysmotilities Association
Intelect
Neurotech
Victom Human Bions

IOP Publishing
Sunday, December 9
1200 – 1800
(Includes Coffee Break at 1600 – 1630 and Margaritas at 1715 – 1800)

Monday, December 10
0700 – 0800
1000 – 1030 Coffee Break
1200 – 1800
(Includes Coffee Break at 1600 – 1630 and Margaritas at 1715 – 1800)

Tuesday, December 11
0700 – 0800
1000 – 1030 Coffee Break
1200 – 1800
(Includes Coffee Break at 1600 – 1630)

SPONSORED EDUCATIONAL ACTIVITIES

Sunday, December 9
1300 – 1415
Princesa Ballroom B-C (13)
CME Luncheon Symposium: Intrathecal Therapy: Evolving Options and Ideas, supported with a generous educational grant from Elan Pharmaceuticals. Meeting manager Medlogix. CME provider, CommgeniX.

1415 – 1715
Atlantes Center (I)
Boston Scientific Symposium: Advances, Physics and Outcome Improvements in SCS (non-CME)

Monday, December 10
1300 – 1415
Princesa Ballroom B-C (13)
ANS Luncheon Symposium: Government Scrutiny of Drug and Device Marketing Practices: What Physicians Need to Know to Keep Interactions with Manufacturers from Turning into Infractions (non-CME)

1415 - 1715
Atlantes Center (I)

Tuesday, December 11
1415 – 1715
Atlantes Center (I)
Medtronic Symposium: 2007 Update: Neurostimulation for the Treatment of Neuropathic Back and Leg Pain in Patients with FBSS (non-CME)

Throughout the Conference
Enjoy conference bags, lanyards, and internet access at the Cyber Cafe in the Princesa Foyer (13).
Princesa Ballrooms A, B, C (13)
Exhibit Hall - A
Plenaries, Break-outs, Luncheons - B, C

1. Medtronic
2. Boston Scientific
3. Elan
4. ANS
5. Epimed
6. Pain Medicine News
7. Greatbatch
8. Neurotherm
9. Caperian
10. Northstar Neuroscience
11. INS & NANS
12. Intelect Medical
13. Victom Human Bionics
14. Neurotech Reports
15. IOP Publishing
16. Gastroparesis and
17. Neuromodulation Publications
18. Poster Ready Table Dysmotilities Assn

The Cyber Café
Poster Presentations AM and PM
Precision Plus™ with i-Sculpt™ Technology offers new, innovative benefits for you and your patients.

Multiple Independent Current Control
The ONLY system that lets you precisely target pain by moving the electric field between simultaneously active contacts in 1% increments.

AND the ONLY system that automatically adjusts for impedance changes to maintain therapy when leads scar in.

PLUS Proprietary EGL Scan™ Technology that shows you the relative position of leads without fluoro, in seconds.

Sculpt the Difference™

Ask your Boston Scientific representative today about Precision Plus.

866.360.4747 Toll Free
www.ControlYourPain.com
Saturday, December 8, 2007
1800 - 2000
Mixteca / Maya Pool (K)
Welcome Cocktail Party

Sunday, December 9, 2007
0645 - 0800
Breakfast in Plaza Las Fuentes

0700 – 0800
Princesa Ballroom B-C (13)
Oral Presentations

0700 - 0707
1. Therapeutic effect of deep brain stimulation of the nucleus accumbens on refractory drug addiction: a case report   Jiwen Xu, MD, PhD

0710 - 0717
2. Deep brain stimulation in intractable epilepsy   Jung Kyo Lee, MD

0720 - 0727

0730 - 0737
4. Automatical classification of microelectrode recording signals (MER) in deep brain stimulation of the subthalamic nucleus (STN)   Frank Hertel

0740 – 0747
5. Mechanisms of Deep Brain Stimulation in Parkinson’s Disease   Konstantin V. Baev, MD, PhD

0750 - 0757
6. Deep brain stimulation and external cardiac defibrillation in an animal model: Evidence for tissue damage?   Wilhelm Eisner, Prof., M.D.

0800 – 1200
Princesa Ballroom B-C (13)
Plenary Session

Plenary Session:   Brain Day
Session Chair:   Ali Rezai, MD

0800 - 0840
KEYNOTE ADDRESS
Neuromodulation: The Inter-relationship Between Science and Industry, Alan Levy, PhD (Non-CME)

0840 - 920
MRI Safety for Implantable Neuromodulation Devices, Frank Shellock, PhD

0920 - 1000
Surgery for Obsessive-Compulsive Disorder, Bart Nuttin, MD, PhD (Non-CME)
### Live Conference Schedule By Date and Time
#### Sunday, December 9

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 - 1030**</td>
<td>Coffee Break – Plaza Las Fuentes</td>
</tr>
<tr>
<td>1030 - 1110</td>
<td>Surgery for Depression, Ali Rezai, MD</td>
</tr>
<tr>
<td>1110 - 1200</td>
<td>Deep Brain Stimulation of Pedunculopontine Nucleus in Parkinson’s Disease, Paolo Mazzone, MD</td>
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<td></td>
<td>Opening Comments and Objectives, Timothy R. Deer, MD</td>
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<td>Update on the 2007 Polyanalgesic Consensus Conference Treatment Algorithm, Timothy R. Deer, MD</td>
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<td>Combination Intrathecal Therapy: Evaluating the Literature, Lynn R. Webster, MD</td>
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<td>Update on Intrathecal Granulomas, Joshua P. Prager, MD, MS</td>
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<tr>
<td></td>
<td>Questions and Answers with Faculty</td>
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</tbody>
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(continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>1300 - 1415</td>
<td>Princesa Ballroom (13) CME Luncheon Symposium Intrathecal Therapy: Evolving Options and Ideas Educational Grant supplied by Elan</td>
</tr>
<tr>
<td>1415 – 1715</td>
<td>Afternoon Break-Out Sessions</td>
</tr>
<tr>
<td>1415-1715</td>
<td>Atlantes Center (1) Advances, Physics and Outcome Improvements in SCS</td>
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<td>Boston Scientific Symposium (Non-CME)</td>
</tr>
<tr>
<td>1415 - 1600</td>
<td>Marquesa Ballroom (16) Deep Brain Stimulation</td>
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<td>Session Chair: Ali Rezai, MD</td>
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</tr>
</thead>
<tbody>
<tr>
<td>1415 - 1440</td>
<td>Patient-Specific Models of Deep Brain Stimulation” Cameron McIntyre, PhD</td>
</tr>
<tr>
<td>1440 - 1500</td>
<td>Cerebrospinal Stimulation Therapy for the Treatment of Vegetative State and Minimally Conscious State Takamitsu Yamamoto, MD, PhD</td>
</tr>
<tr>
<td>1500 - 1520</td>
<td>DBS for Tourette’s Syndrome, Osvaldo Vilella Filho, MD, PhD</td>
</tr>
<tr>
<td>1520 – 1540</td>
<td>DBS for Hypertension?, Alexander Green, MD</td>
</tr>
<tr>
<td>1540 – 1600</td>
<td>Deep Brain Stimulation for Refractory Craniocervical Dystonia: One Year Follow-Up Result, Jin Woo Chang, MD</td>
</tr>
</tbody>
</table>

Continued after Coffee Break
1415 - 1600
Marquesa Ballroom (16)
Intrathecal Polyanalgesia
Session Chair:
Timothy Deer, MD

1415 - 1440
Managing The Device: What do I do when a pump or catheter malfunctions? Robert Levy, MD, PhD

1440 - 1500
Managing The Infusion: Which drug do I use and when should I use it? Timothy Deer, MD

1500 - 1520
Managing the Future: What can I expect from the future of intrathecal therapy? Samer Narouze, MD, MS

1520 - 1540
Q&A and Session End

1540 - 1547
Marquesa Ballroom (III-IV)
Oral Presentations

1540-1547
1. Variability of spasticity in patients on intrathecal baclofen (ITB) and the use of the Personal Therapy Manager (PTM) to treat this variability of spasticity Elmar Delhaas MD

1550-1557
2. Novel Approach to Intrathecal Opioid Therapy for Chronic Nonmalignant Pain, Joseph R. Holtman, MD, PhD

1600 – 1630
Coffee Break

1630-1730
Afternoon Break-Outs
Continued

1630 - 1715
Marquesa Ballroom (16)
Deep Brain Stimulation
Session Chair: Ali Rezai, MD, continued

1630 – 1650
Neuromodulation for Anorexia Nervosa. Bomin Sun, MD

1650 – 1715
Q & A and Session End

1630-1637
1. Successful ability to steer spinal cord stimulation current using single percutaneous lead, placed with “midline anchoring” technique, Eugene Mironer, MD
1640-1647
2. Can we identify microcirculatory parameters predictive of the outcome of spinal cord stimulation (SCS) in patients affected with non-reconstructable chronic critical leg ischaemia (CLI)? Dott. Gianni Colini Baldeschi

1650-1657
3. Effects of sacral surface electrical stimulation to the uterine dysfunctions. Takahide Ogura, PhD

1700-1707
4. Expectation and Treatment of Psychiatric Comorbidity in Chronic Pain Patients, With and Without Spinal Cord Stimulation Ciaramella Antonella

1710-1717
5. Neurogenic Mediated Intense Response of Psoriasis with Spinal Cord Stimulation Therapy Janene Holladay, MD

1720-1727
6. Inhibition of Histamine-induced Bronchoconstriction in Guinea Pigs by Pulsed Electrical Vagus Nerve Stimulation Peter S. Staats, MD, MBA

1630-1637
1. SCS in three different pathologies. 20 years experience Enrique Reig MD, PhD

1640-1647
2. An Initial Evaluation of Subcutaneous Stimulation for the Treatment of Chronic Pain. David Abejón MD

1650-1657
3. Electrode placement and relationships of periurethral nerves of an implantable electrostimulator, Accessa™, in female human cadavers. Kenneth P. Roberts, Ph.D

1700-1707
4. An algorithm for peripheral neuromodulation in neuropathic pain Teodor Goroszeniuk, FCA RCSI, DA

1710-1717
5. Peripheral subcutaneous nerve stimulation Athanasios Koulousakis, MD

1720-1727
6. Mechanical properties of electrode tips for spinal cord stimulation of two different companies Staal Mj, Groningen
**Live Conference Schedule By Date and Time**

**Sunday, December 9**

1715 - 1800  
Exhibit Hall - Princesa  
Ballroom A (13)  
Margaritas and Social Time

**Registration Desk Hours – At Your Service**  
Pyramid Lobby (1)

- **Thursday, December 6**  
  1600 - 2000

- **Friday, December 7 – Tuesday December 11**  
  0630 - 1700

- **Wednesday, December 12**  
  0630 – 1200
BRILLIANT IDEAS ARE EMERGING.
See separate Poster Schedule

0700-0707
1. Dual Device Therapy (Spinal Stimulation and Intrathecal Drug Delivery) for Treatment of Multi-Focal Pain, Steven Rosen M.D.

0710-0717
2. A Randomized, Multidose, Double-blind Study to Evaluate the Analgesic Response and Safety of Ziconotide Intrathecal Bolus Injection in Patients With Severe Chronic Pain, Stuart M. Rosenblum, MD, PhD

0720-0727
3. A Spiral Electrode for Peripheral Nerve Stimulation, John D. Loeser, M.D. Chong Lee, M.D.

0730-0737
4. Motor Cortex Stimulation for Intractable Chronic Pain, Richard K. Osenbach, M.D.

0740-0747
5. Spinal Cord Stimulation with Interleaved Pulses: A Randomized, Controlled Trial, Richard North, MD

0750-0757
6. Cranial Peripheral Nerve Stimulation for Intractable Headache: Prospective Two Year Followup Results, Robert M. Levy, MD PhD

**Plenary Session: Pain Day**

Session Chair: Joshua Prager, MD

0800 - 0840
Evidence Based Neuromodulation, John Loeser, MD

0840 - 0920
Cellular & Physiological Mechanisms of Stimulation, Robert Foreman, PhD

0920 - 1000
Mechanisms of Action of Deep Brain Stimulation, Warren Grill, PhD
1000 - 1030**
Coffee Break – Plaza Las Fuentes

1015 – 1045
NANS General Assembly

1045 - 1125
Mechanisms of Headache, Peter Goadsby, MD, PhD

1125 - 1205
Model Predictions and Their Empirical Validation: What have we learned from modeling spinal cord stimulation?, Jan Holsheimer, PhD

See separate Poster Schedule

What Physicians Need to Know to Keep Interactions with Manufacturers from Turning into Infractions, Jim Dechene, Esq.

1200 – 1300
Princesa Foyer (13)
Poster Presentations

1300 - 1415
Princesa Ballroom B-C (13)
ANS Luncheon Symposium
Government Scrutiny of Drug and Device Marketing Practices:

1415 - 1715
Afternoon Break-Out Sessions

1415-1715
Atlantes Center (I), Spinal Cord Stimulation: Innovative Approaches and Provocative Debate (Non-CME)
ANS Symposium

1415 - 1715
Marquesa Ballroom I-II (16)
Deep Brain and Motor Cortex Stimulation
Session Chair: Ali Rezai, MD

SCS: Innovative Neurostimulation Techniques and Applications (Non-CME)
Timothy Deer, MD
Companies Manufacture Components, Implanters Create Stimulator System, Claudio Feler, MD
Achieving a Transverse Tripole Array with a Single Lead, Eugene Mironer, MD
The Hot Seat With Dr. Robert Levy, MD PhD

1415 - 1440
Treatment of primary camptocormia (dystonic bent spine or bent neck) by electrical stimulation of the globus pallidus internus: report of 3 cases Damianos Sakas, MD

1440 - 1500
Deep Brain Stimulation for Pain, Jaimie Henderson, MD

1500 - 1520
Neurostimulation for Learning Enhancement Emad Eskandar, MD

1520 – 1540
Motor Cortex Stimulation for Pain Jean-Paul Nguyen, MD
1415 - 1600
Marquesa Ballroom III-IV (16)
Neuromodulation For Eyesight & Hearing
Session Chair: Paul Meadows, MD

1520 - 1600
Marquesa Ballroom III-IV (16)
Oral Presentations

1600 – 1630
Coffee Break

1630-1730
Afternoon Break-Outs
Continued
1630 – 1650
**Marquesa Ballroom I-II (16)**
Deep Brain and Motor Cortex Stimulation, continued
Session Chair: Ali Rezai, MD

1630 – 1650
DBS for Cluster Headache, Gianni Broggi, MD, PhD

1650 – 1715
Q & A and Session End

1630-1637
1. Methods to Minimize Neurostimulator Leadwire Heating During MRI Scans
   Prof. Robert Stevenson, PE

1640-1647
2. Comparison of intra-operatively mapping of sensory responses of a single channel surgical lead versus a dual channel surgical lead and evaluation of the implantation technique. Preliminary results of the Respec study.
   Vangeneugden J, MD

1650-1657
3. Differences between staggered and parallel percutaneous lead tripole arrays: preliminary findings from a prospective post-market study.
   Eduardo Garcia, MD

1700-1707
4. Awake versus non-Awake Surgery for placement of Spinal Cord Stimulators, Steven M. Falowski MD

1710-1717
5. Efficacy of the Lamitröde® Tripole™ 8 surgical lead: Preliminary findings from a prospective post-market study.
   Abdi Ghodsi, MD

1720-1727
6. Cognitive and Affective Effects of Neuromodulation on Quality of Life,
   Erich Richter, M.D.

1630 - 1730
**Princesa Ballroom B-C (13)**
Oral Presentations

1630-1637
   Bradley W. Carpentier, MD

1640-1647
   Dr. Declan O'Keefe

1650-1657
   Dr Paul Verrills (M.D)
1700-1707
4. Method of Uni-acupoint Electrical Stimulation and Application in Pain Control, Hongwei Hao, PhD

1710-1717
5. Identification of the Location of the Dorsal Genital Nerves with Subsequent Electrical Stimulation for Treatment of Overactive Bladder Symptoms in Women, Howard B. Goldman MD

1720-1727

1715 - 1800
Exhibit Hall - Princesa
Ballroom A (13)
Margaritas and Social Time

NEUROSTIMULATION SYSTEMS FOR PAIN THERAPY

Brief Summary: Product Technical Manuals and Programming Guides must be reviewed prior to use for detailed disclosure.

Indication for Use - Chronic, intractable pain of the trunk and/or limbs-including unilateral or bilateral pain. Contraindications: Diathermy. Warnings: Defibrillation, diathermy, electrocautery, MRI, RF ablation, & therapeutic ultrasound can result in unexpected changes in stimulation, serious patient injury or death. Rupture/piercing of neurostimulator can result in severe burns. Electrical pulses from the neurostimulator may result in an inappropriate response of the cardiac device. Precautions: The safety and effectiveness of this therapy has not been established for: pediatric use, pregnancy, unborn fetus, or delivery. Follow programming guidelines & precautions in product manuals. Avoid activities that stress the implanted neurostimulation system. EML, postural changes, & other activities may cause shocking/jolting. Adverse Events: Undesirable change in stimulation; hematoma, epidural hemorrhage, paralysis, seroma, CSF leakage, infection, erosion, allergic response, hardware malfunction or migration, pain at implant site, loss of pain relief, chest wall stimulation, & surgical risks.

Pain relief that’s right on target

The ADVANCED line of neurostimulators empowers physicians to:

- Quickly steer stimulation along or between leads to help find the optimal target and settings.
- Automate multiple steps to simplify programming.

TARGETSTIM™ is just one of many helpful tools offered exclusively by Medtronic for the treatment of chronic pain.

Medtronic pioneered the field of chronic pain relief over 30 years ago—even today, Medtronic provides the most advanced pain relief devices on the market.
0645 - 0800
Continental Breakfast in Plaza Las Fuentes

0700 – 0800
Princesa Foyer (13)
Poster Presentations

0700 – 0800
Princesa Ballroom B-C (13)
Oral Presentations

See separate Poster Schedule

0700-0707
1. Neuromodulation in dysphgia induced by surface electrical stimulation to suprahoid muscles area, Kosei Mitsuhashi, Ph.D.

0710-0717
2. Improvement of swallowing movement after electrical stimulation to lower leg acupoints in poststroke patients, Chizuru Akamatsu, MA

0720-0727
3. The Chemical Stabilities of Admixtures Containing Ziconotide and Fentanyl or Ziconotide and Sufentanil During Simulated Intrathecal Administration David E. Shields, PhD

0730-0737
4. Neuromodulation of the epileptic focus for intractable seizures originating in non lesional eloquent areas, Ana L Velasco, MD, PhD

0740-0747
5. Vagus Nerve Stimulation for the Treatment of Intractable Epilepsy Guoming Luan, MD

0800 – 1200
Princesa Ballroom B-C (13)
Plenary Session

Plenary Session: FES Day
Session Chair: Paul Meadows, PhD

0800 - 0840
Upper Limb Post-stroke Rehabilitation: Implantation of 5-7 Microstimulators and Effects, Ross Davis, MD

0840 - 920
Fully Implanted Nerve Sensing and Stimulation System for Treatment of Paralysis After Hemiplegia or Related Neurological Disorders, Andy Hoffer PhD

0920 - 1000
Motor Cortex Stimulation for Stroke Rehabilitation: Update on the Everest Study, Robert Levy, MD, PhD

1000 - 1030
Coffee Break – Plaza Las Fuentes
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 – 11:10</td>
<td>Functional Electrical Stimulation Therapy: Retraining Reaching and Grasping Functions in Severe Stroke Patients, Milos Popovic, PhD</td>
</tr>
<tr>
<td>11:10 – 12:00</td>
<td>Transcranial Magnetic Stimulation: A Non-invasive Method of Brain Stimulation Felipe Fregni, MD, PhD</td>
</tr>
<tr>
<td>See separate Poster Schedule</td>
<td></td>
</tr>
</tbody>
</table>

2007 Update: Neurostimulation for the Treatment of Neuropathic Back and Leg Pain in Patients with FBSS. PROCESS Study: Spinal Cord Stimulation Improves Outcomes in FBSS Patients Richard B North, MD, Line Jacques, MD
PROCESS Study: Cost-Effectiveness Analysis of Neurostimulation in the Management of Intractable Pain, Rod Taylor MSc PhD
Neuropathic Pain: When and how do we diagnose? Panel Discussion with Joshua Prager, MD, MS, Rod Taylor MSc PhD, Richard B North, MD and Line Jacques, MD
Future Directions in Neurostimulation (Technology update), David Caraway, MD, PhD

11:10 – 12:00

2007 Update: Neurostimulation for the Treatment of Neuropathic Back and Leg Pain in Patients with FBSS.
PROCESS Study: Spinal Cord Stimulation Improves Outcomes in FBSS Patients Richard B North, MD, Line Jacques, MD
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Future Directions in Neurostimulation (Technology update), David Caraway, MD, PhD

14:15 – 17:15

Marquesa Ballroom I-II (16)
SCS for Visceral Pain
Session Chair: Elliot Krames, MD

14:15 - 15:00
Mechanisms of Electrical Neuromodulation in the Treatment of Chronic Refractory Angina Pectoris, Michael DeJongste, MD, PhD

15:00 - 15:20
SCS for Visceral Pain: The Scientific Evidence, Elliot Krames, MD

15:20 - 15:40
SCS for Visceral Pain/Review of the Literature, Leo Kapural, MD, PhD

15:40 - 16:00
Pelvic Neuromodulation on Voiding Dysfunction: What We Have Learned in 20 Years, Magdy Hassouna, MD, PhD

Continued after Coffee Break
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1415 - 1440</td>
<td>Development of Neural Interface Systems: Signals for Control and Diagnosis, John Donoghue, PhD</td>
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<tr>
<td>1440 - 1500</td>
<td>Early pilot clinical trial experience with an intracortically-based neural interface system for people with paralysis, Leigh Hochberg, MD, PhD</td>
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<tr>
<td>1500 - 1520</td>
<td>Decoding plan activity from neuronal ensembles in human and non-human primates, Jaimie Henderson, MD</td>
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<tr>
<td>1520 – 1540</td>
<td>Microelectrode Recordings of Human Cortical Activity in Epilepsy, Sydney Cash, MD, PhD</td>
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<tr>
<td>1540 – 1600</td>
<td>Q &amp; A and Session End</td>
</tr>
</tbody>
</table>

### 1415 - 1507
**Princesa Ballroom B-C (13)**

**Oral Presentations**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1410-1417</td>
<td>2. Electrical Stimulation of Hippocampus (ESH) in Patients with Intractable Temporal Lobe Epilepsy: A Long Term Follow Up Study, Guillermo Castro Farfan</td>
</tr>
<tr>
<td>1420-1427</td>
<td>3. Accuracy of stereotactic electrode placement in deep brain stimulation, Wilhelm Eisner, PhD</td>
</tr>
<tr>
<td>1430-1437</td>
<td>4. Pulsed Radiofrequency of the Stellate Ganglion for the Treatment of Hemicarania Continua: A Case Report, Gennady Gekht, MD</td>
</tr>
<tr>
<td>1440-1447</td>
<td>5. Parkinsonian movements in model and experiment, T. Heida (PhD, MSc.)</td>
</tr>
<tr>
<td>1450-1457</td>
<td>6. Vim plus posterior subthalamic area DBS concurrently with Voa-Vop thalamotomy for Essential Tremor, Hyun Ho Jung, M.D.</td>
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<tr>
<td>1500-1507</td>
<td>7. Feasibility Study of an Implantable Cortical Stimulation System for Major Depression, Brian Harris Kopell, MD</td>
</tr>
</tbody>
</table>
8. Improvement of the upper limb movements of Parkinsonian patients after bilateral subthalamic DBS, Michel Prud’homme, MD, PhD

9. Feasibility Study of an Implantable Cortical Stimulation System for Tinnitus, Brian Harris Kopell, MD

10. Reducing Mental Fatigue by Transcutaneous Electrical Acupoint Stimulation, Luming Li

11. Computer modeling of Motor Cortex Stimulation: Effects of Anodal, Cathodal and Bipolar Stimulation, Dr. ir. Jan R. Buitenweg, PhD

12. Neuromodulation on Inferior Thalamic Peduncle in Five Patients with Obsessive Compulsive Disorder Treated with Neuromodulation, Fiacro Jiménez-Ponce, M.D., Ph.D.

1600-1650
Coffee Break

1630-1800
Afternoon Break-Outs Continued

1630-1715
Marquesa Ballroom I-II (16) SCS for Visceral Pain, Continued
Session Chair: Elliot Krames, MD

1630-1650
Electrical Stimulation for Gastrointestinal Disorders, Jiande Chen, PhD

1650-1715
Q & A and Session End

1630-1637
1. Safety and effectiveness of C-Series leads in combination with the Genesis®XP Implantable Pulse Generator for the management of chronic pain of the trunk and/or limbs., F. Richard Jordan, MD
<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1640-1647</td>
<td>Successful Treatment of Chronic Axial Low Back Pain and Bilateral Radicural Leg Pain in Two Cases of Failed Back Syndrome (FBSS) and Lumbar Spondilosis with a New Technique of Spinal Cord Stimulation (SCS) : The “Electical Fractionalization”, C. Reverber MD</td>
</tr>
<tr>
<td>1650-1657</td>
<td>3. Percutaneous tripole array programming and stimulation coverage in a patient with failed back surgery syndrome implanted with an Eon® Rechargeable IPG and three percutaneous leads: a case-study. TBA</td>
</tr>
<tr>
<td>1650-1657</td>
<td>4. 1700-1707 Cost Minimisation in Spinal Cord Stimulation, Dr Paul Murphy, MD</td>
</tr>
<tr>
<td>1710-1717</td>
<td>5. Cost-Utility and Cost-Effectiveness of SCS in Patients with FBSS Compared to Conventional Medical Management: the PRECISE STUDY, Furio Zucco, MD</td>
</tr>
<tr>
<td>1720-1727</td>
<td>6. Stimulation coverage of transverse tripole programming using the Lamitrode® Tripole™ 16 surgical lead: Preliminary evaluation of a prospective, multicentered, post-market study, Stewart Smith, MD</td>
</tr>
<tr>
<td>1730-1737</td>
<td>7. Percutaneous lead tripolar arrays in the management of chronic intractable back pain: preliminary findings from one clinic in a prospective post-market study, Jason Rosenberg, MD</td>
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<tr>
<td>1740-1747</td>
<td>8. Spinal cord stimulation versus conventional medical management: Quality of life, resource use and costs from a multicentre randomised controlled trial of patients with failed back surgery syndrome: (PROCESS study), Krishna Kumar, MD</td>
</tr>
<tr>
<td>1750-1757</td>
<td>9. Spinal cord stimulation versus conventional medical management: Long-term results from a multicentre randomised controlled trial of patients with failed back surgery syndrome: (PROCESS study), Line Jacques, MD</td>
</tr>
<tr>
<td>1630-1637</td>
<td>13. Effects of changes in patients posture on energy requirement for SCS, David Abejón MD</td>
</tr>
</tbody>
</table>
1650-1657
15. Feasibility of Absolute Migration Detection Using Electrical Measures in Spinal Cord Stimulation (SCS) Leads, Kerry Bradley, MD

1700-1707
16. Prospective, multi-centered study to evaluate the safety and effectiveness of Genesis® Implantable Pulse Generator in combination with percutaneous leads for the management of chronic pain of the trunk and/or limbs., Konstantin Slavin, MD

1710-1717
17. Differential effects of spinal cord stimulation are achieved with three lead patterns, Gary King

1720-1727

1730-1737

1740-1747
20. Hybrid Spinal Cord Stimulator Experience: First 25 Patients Using Leads from One Manufacturer with IPG from Another, James E. Hagen, MSc

1750-1757
21. Management of Interstitial Cystitis Related Pain Using Antegrade SCS Lead, Mohamed Elkersh, M.D.

1715 - 1800
Exhibit Hall - Princesa
Ballroom A (13)
Margaritas and Social Time
0700-0707
1. Effect of spinal cord stimulation assessed by positron emission tomography in patients with refractory angina pectoris, Siegfried Eckert

0710-0717
2. Spinal cord stimulation in refractory angina pectoris treatment, Giampaolo Pinato

0720-0727
3. Systematic Review of the Role of Neurostimulation in Alleviating Chest Pain in Refractory Angina, Hany Nosir, M.D.

0730-0737
4. Spinal Cord Stimulation Reduces the Occurrence of Ventriluar Fibrillation in the Ischemic Canine Heart, Mike JL DeJongste, MD

Plenary Session: Stimulation of Organs Day
0800 - 0840
Urological Disorders and Neuromodulation, Magdy Hassouna, MD, PhD

0840 - 920
Review of Neuromodulation for Cardiac Disorder, Marc Penn, MD, PhD (Non-CME)

0920 - 1000
Gastric Electrical Stimulation for Visceral Pain, Jiande Chen, PhD

1000 - 1030
Coffee Break – Plaza Las Fuentes
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Poster Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700 – 0800</td>
<td></td>
<td>Feasibility Study of an Implantable Cortical Stimulation System for Patients with Major Depression</td>
<td>Brian Kopell</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Therapeutic effect of deep brain stimulation of the nucleus accumbens on refractory drug addiction: a case report</td>
<td>Jiwen Xu</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Accuracy of stereotactic electrode placement in deep brain stimulation</td>
<td>Wilhelm Eisner</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Where are activated electrode contacts located anatomically in parkinson disease: In the target structure or superior or inferior?</td>
<td>Wilhelm Eisner</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Automatical classification of microelectrode recording signals (MER) in deep brain stimulation of the subthalamic nucleus (STN)</td>
<td>Frank Hertel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electrical Stimulation of the Hippocampus (ESH) in Patients with Intractable Temporal Lobe Epilepsy: A Long-Term Follow-up Study</td>
<td>Guillermo Farfan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Deep brain stimulation in intractable epilepsy</td>
<td>Jung Kyo Lee</td>
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<tr>
<td></td>
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<td>Neuromodulation on Inferior Thalamic Peduncle in Five Patients with Obsessive Compulsive Disorder Treated with Neuromodulation</td>
<td>Fiacro Jimenez-Ponce</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Subcutaneous stimulation in cluster headache</td>
<td>Genni Duse</td>
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<td>Deep brain stimulation for pain: a 50 case experience</td>
<td>Erlick Pereira</td>
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<td>Primary motor cortex stimulation for intractable neuropathic pain</td>
<td>Youichi Saitoh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unilateral pallidotomy vs unilateral electrical stimulation of GPI in bilateral symptoms of Parkinson’s Disease</td>
<td>Julian Abraham</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Efficacy of extradural motor cortex stimulation in advanced I diophatic Parkinson’s Disease: The experience of the functional neurosurgery study group of the Italian Neurosurgical Society</td>
<td>Lavano Angelo</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mechanisms of deep brain stimulation in Parkinson’s disease</td>
<td>Konstantin Baev</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Parkinsonian movements in model and experiment</td>
<td>Ciska Heida</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Improvement of the upper limb movements of Parkinsonian patients after bilateral subthalamic DBS</td>
<td>Michel Prud’homme</td>
</tr>
</tbody>
</table>
| 17 | Vim plus posterior subthalamic area DBS concurrently with Voa-Vop thalamotomy for Essential Tremor | Hyun Ho Jung  
| 18 | Neurophysiologic Characterization of the subthalamic posterior area | Guillermo Farfan  
| 19 | EEG ATR May Predict Clinical Response to Cortical Stimulation Therapy: Initial Findings from the PROSPECT Study | Scott Greenwald  
| 20 | Treatment of primary camptocormia (dystonic bent spine or bent neck) by electrical stimulation of the globus pallidus internus: report of 3 cases | Damianos Sakas  
| 21 | Double-blind, randomized and controlled study of motor cortex electrical stimulation in patients with neuropathic pain intractable to drugs | José Carillo-Ruiz  
| 22 | Correlation study between motor outcome and stimulation parameters of globus pallidus in patients with Parkinson’s disease (Review study) | Pablo Andrade  
| 23 | Computer modeling of Motor Cortex Stimulation: Effects of Anodal, Cathodal and Bipolar Stimulation | Jan Buitenweg  
| 24 | A prospective, multi-centered, 1 year post-implantation clinical evaluation of the Genesis® Implantable Pulse Generator (IPG) in combination with paddle or percutaneous leads for the management of chronic pain of the trunk and limbs | Roni Diaz  
| 25 | Thalamic pain and spinal cord stimulation. Long term results of five cases | Jose Antonio Lopez-Lopez  
| 26 | Neurogenic Mediated Intense Response of Psoriasis with Spinal Cord Stimulation Therapy | Janene Holladay  
| 27 | Reducing Mental Fatigue by Transcutaneous Electrical Acupoint Stimulation | Luming Li  
| 28 | Vagus Nerve Stimulation for the Treatment of Intractable Epilepsy | Guoming Luan  
| 29 | Neuromodulation of the epileptic focus for intractable seizures originating in non lesional eloquent areas | Ana Velasco  
| 30 | Inhibition of Histamine-induced Bronchoconstriction in Guinea Pigs by Pulsed Electrical Vagus Nerve Stimulation | Peter Staats
<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Deep brain stimulation and external cardiac defibrillation in an animal model: Evidence for tissue damage?</td>
<td>Wilhelm Eisner</td>
</tr>
<tr>
<td>2</td>
<td>Automatic AC/PC Detection and Target Determination in Deep Brain Stimulation</td>
<td>Frank Hertel</td>
</tr>
<tr>
<td>3</td>
<td>Feasibility Study of an Implantable Cortical Stimulation System for Patients with Tinnitus</td>
<td>Brian Kopell</td>
</tr>
<tr>
<td>4</td>
<td>Efficacy of Ziconotide in Combination With Intrathecal Opioids</td>
<td>David Caraway</td>
</tr>
<tr>
<td>5</td>
<td>A Retrospective Study of Microgram Intrathecal Morphine Sulfate for Control of Pain in Failed Back Surgical Syndrome with a Prior Failed Spinal Cord Stimulator Trial or Spinal Cord Stimulator Implant</td>
<td>Michael Castillo</td>
</tr>
<tr>
<td>6</td>
<td>Benefit of intrathecal drug administration for patients with severe chronic pain</td>
<td>Horst Glaue</td>
</tr>
<tr>
<td>7</td>
<td>Novel Approach to Intrathecal Opioid Therapy for Chronic Nonmalignant Pain</td>
<td>Joseph Holtman</td>
</tr>
<tr>
<td>8</td>
<td>Intrathecal pain management with patient-controlled analgesia: 12- month study with the personal therapy manager</td>
<td>Wilfried Ilias</td>
</tr>
<tr>
<td>9</td>
<td>Intrathecal Ziconotide for Complex Regional Pain Syndrome: Six Case Reports</td>
<td>Leonardo Kapural</td>
</tr>
<tr>
<td>10</td>
<td>Safety and efficacy of non commercially preparations of bupivacaine 4% and clonidine 0.4 % intrathecally used for refractory pain</td>
<td>Jose Antonio Lopez-Lopez</td>
</tr>
<tr>
<td>11</td>
<td>Biological consequences of long-term intrathecal administration of opioids: Comparison of Nociceptin and immune hormones Levels in the Cerebrospinal Fluid of Chronic Pain Patients With or Without Intrathecal Administration of Morphine</td>
<td>William Raffaeli</td>
</tr>
<tr>
<td>12</td>
<td>A Randomized, Multidose, Double-blind Study to Evaluate the Analgesic Response and Safety of Ziconotide Intrathecal Bolus Injection in Patients With Severe Chronic Pain</td>
<td>Stuart Rosenblum</td>
</tr>
<tr>
<td>13</td>
<td>Intrathecal Combination Therapy of Ziconotide and Baclofen: Case Series</td>
<td>Michael Saulino</td>
</tr>
<tr>
<td>No.</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>-----</td>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>14</td>
<td>Our experience with complications of intrathecal baclofen drug delivery systems</td>
<td>Ivana Stetkarova</td>
</tr>
<tr>
<td>15</td>
<td>Clinical Experience Using Intrathecal Bupivacaine in Refractory Neuropathic Pain</td>
<td>Sherri Tracey</td>
</tr>
<tr>
<td>16</td>
<td>Safety and Tolerability of Ziconotide (Prialt®) in Polyanalgesic Intrathecal (IT) Therapy</td>
<td>Lynn Webster</td>
</tr>
<tr>
<td>17</td>
<td>Variability of spasticity in patients on intrathecal baclofen (ITB) and the use of the Personal Therapy Manager (PTM) to treat this variability of spasticity</td>
<td>Elmar Delhaas</td>
</tr>
<tr>
<td>18</td>
<td>The Chemical Stabilities of Admixtures Containing Ziconotide, Fentanyl and Sufentanil or During Simulated Intrathecal Administration</td>
<td>David Shields</td>
</tr>
<tr>
<td>19</td>
<td>Evaluation of the Safety and Efficacy of PRIALT (ziconotide) Combination Intrathecal Therapies: Retrospective Case Studies</td>
<td>Eastman Michael</td>
</tr>
<tr>
<td>20</td>
<td>Motor Cortex Stimulation for Intractable Chronic Pain</td>
<td>Richard Osenbach</td>
</tr>
<tr>
<td>21</td>
<td>Peripheral Nerve Field Stimulation (PNFS) for Treatment of Failed Back Syndrome (FBS)</td>
<td>Alexander Yakovlev</td>
</tr>
<tr>
<td>22</td>
<td>Ultrasound-guided placement of a permanent percutaneous femoral nerve stimulator leads for the treatment of intractable femoral neuropathy</td>
<td>Samer Narouze</td>
</tr>
<tr>
<td>23</td>
<td>Peripheral Nerve Field Stimulation: Is age an indicator of outcome?</td>
<td>Paul Verrills</td>
</tr>
<tr>
<td>24</td>
<td>Electrode placement and relationships of periurethral nerves of an implantable electrostimulator, Accessa™, in female human cadavers</td>
<td>Kenneth Roberts</td>
</tr>
<tr>
<td>25</td>
<td>Peripheral subcutaneous nerve stimulation</td>
<td>Athanasios Koulousakis</td>
</tr>
<tr>
<td>26</td>
<td>Cranial Peripheral Nerve Stimulation for Intractable Headache: Prospective Two-Year Follow-up Results</td>
<td>Robert Levy</td>
</tr>
<tr>
<td>27</td>
<td>A Spiral Electrode for Peripheral Nerve Stimulation</td>
<td>John Loeser</td>
</tr>
<tr>
<td>28</td>
<td>Therapeutic trial of peripheral neuromodulation using inexpensive monoelectrode temporary stimulating catheters</td>
<td>Teodor Goroszeniuk</td>
</tr>
<tr>
<td>1200 - 1300</td>
<td>Princesa Foyer (13)</td>
<td></td>
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<tr>
<td>-------------</td>
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</tr>
<tr>
<td>29</td>
<td>Pulsed Radiofrequency As a Type of Neuromodulation Treatment</td>
<td>Jung Yul Park</td>
</tr>
<tr>
<td>30</td>
<td>Mechanical properties of electrode tips for spinal cord stimulation of two different companies</td>
<td>Michiel J Staal</td>
</tr>
<tr>
<td>31</td>
<td>Effects of sacral surface electrical stimulation to the uterine dysfunctions</td>
<td>Takahide Ogura</td>
</tr>
<tr>
<td>32</td>
<td>Neurotechnological Developments</td>
<td>Metin Tulgar</td>
</tr>
<tr>
<td>33</td>
<td>SENS in the Management of Chronic / Neuropathic Pain</td>
<td>Declan O'Keefe</td>
</tr>
<tr>
<td>34</td>
<td>SCS in three different pathologies. 20 years experience</td>
<td>Enrique Reig</td>
</tr>
<tr>
<td>35</td>
<td>Can we identify microcirculatory parameters predictive of the outcome of spinal cord stimulation (SCS) in patients affected with non-reconstructable chronic critical leg ischaemia (CLI)?</td>
<td>Gianni Colini Baldeschi</td>
</tr>
<tr>
<td>36</td>
<td>The historic origins of neuromodulation in antiquity</td>
<td>Ioannis Panourias</td>
</tr>
<tr>
<td>37</td>
<td>Chronic lowback and leg pain treatment using modern SCS technology: a Spanish case series</td>
<td>David Abejon</td>
</tr>
<tr>
<td>38</td>
<td>Retrospective analysis of SCS and Failed back surgery patients</td>
<td>Eduardo Barreto</td>
</tr>
<tr>
<td>39</td>
<td>The failed neck syndrome: a case series</td>
<td>Alessandro Dario</td>
</tr>
<tr>
<td>40</td>
<td>Alternative revision spinal cord stimulation (SCS) implants: Comparisons of pain relief, paresthesia coverage, and patient preferences</td>
<td>Allison Foster</td>
</tr>
<tr>
<td>41</td>
<td>A controlled comparative cadaveric investigation of percutaneous spinal cord lead anchoring</td>
<td>Jon Raphael</td>
</tr>
<tr>
<td>43</td>
<td>Spinal Cord Stimulation with Interleaved Pulses: A Randomized, Controlled Trial</td>
<td>Richard North</td>
</tr>
<tr>
<td>44</td>
<td>Quality of life evaluation of pain patient with neurostimulator</td>
<td>Michel Prud'homme</td>
</tr>
</tbody>
</table>
(cont.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>Our experience with neurostimulation analgetic systems</td>
<td>Ivan Vrba</td>
</tr>
<tr>
<td>46</td>
<td>Expectation and Treatment of Psychiatric Comorbidity in Chronic Pain with and Without Spinal Cord Stimulation</td>
<td>Antonella Ciaramella</td>
</tr>
<tr>
<td>47</td>
<td>Dual Device Therapy (Spinal Stimulation and Intrathecal Drug Delivery) for Treatment of Multi-Focal Pain</td>
<td>Steven Rosen</td>
</tr>
<tr>
<td>48</td>
<td>Outcome of vagus nerve stimulation for intractable epilepsy: Comparison of children and adult</td>
<td>Jung Kyo Lee</td>
</tr>
<tr>
<td>49</td>
<td>Experimental Study on Therapeutic Effects of Vagus Nerve Stimulation (VNS) for Epilepsy</td>
<td>Guoming Luan</td>
</tr>
<tr>
<td>50</td>
<td>Role of Neuromodulation for seizure control in infancy catastrophic epilepsy (Lennox-Gastaut Syndrome)</td>
<td>Ana Velasco</td>
</tr>
<tr>
<td>51</td>
<td>A COMPARISON OF LEAD CONFIGURATIONS USED TO PROVIDE EFFECTIVE LOW BACK AND LOWER EXTREMITY COVERAGE</td>
<td>Eugene Mironer</td>
</tr>
<tr>
<td>52</td>
<td>Management of Interstitial Cystitis Related Pain Using Antegrade SCS Lead</td>
<td>Mohamed Elkersh</td>
</tr>
<tr>
<td></td>
<td>Title</td>
<td>Author(s)</td>
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<tr>
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</tr>
<tr>
<td>1</td>
<td>Pulsed Radiofrequency of the Stellate Ganglion for the Treatment of Hemicarania Continua: A Case Report</td>
<td>Gennady Gekht</td>
</tr>
<tr>
<td>2</td>
<td>A combination of deep brain stimulation (GPI) and stimulation of the occipital nerve in a patient with oromandibular dystonia and dystonic neck pain</td>
<td>Frank Hertel</td>
</tr>
<tr>
<td>3</td>
<td>Infections in DBS Patients</td>
<td>Wilhelm Eisner</td>
</tr>
<tr>
<td>4</td>
<td>Long-term intrathecal morphine in patients with chronic non-cancer pain up-regulates mu opioid receptor gene expression in lymphocytes</td>
<td>William Raffaeli</td>
</tr>
<tr>
<td>5</td>
<td>Safety and efficacy of combined intrathecal baclofen-morphine therapy over a 10 year clinical experience</td>
<td>Michael Saulino</td>
</tr>
<tr>
<td>6</td>
<td>Tolerance of intrathecal baclofen therapy in 37 patients with spasticity</td>
<td>MJ Staal</td>
</tr>
<tr>
<td>7</td>
<td>An algorithm for peripheral neuromodulation in neuropathic pain</td>
<td>Teodor Goroszeniuk</td>
</tr>
<tr>
<td>8</td>
<td>Cognitive and Affective Effects of Neuromodulation on Quality of Life</td>
<td>Erich Richter</td>
</tr>
<tr>
<td>9</td>
<td>Eon® battery recharging: Preliminary findings of three prospective, multi-centered, post-market studies</td>
<td>Jason Rosenberg</td>
</tr>
<tr>
<td>10</td>
<td>SACRAL NERVE STIMULATION IN FECAL INCONTINENCE DUE TO ANAL SPHINCTER LESIONS</td>
<td>Carlo Ratto</td>
</tr>
<tr>
<td>11</td>
<td>Evaluation of the Heat Generation Rates in the Implant and the Antenna of a Neuromodulation System</td>
<td>Ephraim Sparrow</td>
</tr>
<tr>
<td>12</td>
<td>METHODS TO MINIMIZE NEUROSTIMULATOR LEADWIRE HEATING DURING MRI SCANS</td>
<td>Robert Stevenson</td>
</tr>
<tr>
<td>13</td>
<td>Comparison of intra-operatively mapping of sensory responses of a single channel surgical lead versus a dual channel surgical lead and evaluation of the implantation technique. Preliminary results of the Respective study</td>
<td>J. Vangeneugden</td>
</tr>
<tr>
<td>14</td>
<td>Spinal Cord Stimulation indications and outcomes: A retrospective review</td>
<td>Bradley Carpentier</td>
</tr>
<tr>
<td>15</td>
<td>Spinal Cord Stimulation (SCS) for the treatment of phantom limb pain (PLP): a case report</td>
<td>Vinay Dalal</td>
</tr>
<tr>
<td>16</td>
<td>Novel placement and location of neurostimulation leads for treatment of intractable trigeminal neuralgia</td>
<td>Timothy Deer</td>
</tr>
<tr>
<td>Number</td>
<td>Title</td>
<td>Author</td>
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<tr>
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</tr>
<tr>
<td>17</td>
<td>Neuropathic Pain from Lyme Disease: Novel Treatment with Spinal Cord Stimulation</td>
<td>James Hagen</td>
</tr>
<tr>
<td>18</td>
<td>Method of Uni-acupoint Electrical Stimulation &amp; Application in Pain Control</td>
<td>Hongwei Hao</td>
</tr>
<tr>
<td>19</td>
<td>Safety and effectiveness of C-Series leads in combination with the Genesis®XP Implantable Pulse Generator for the management of chronic pain of the trunk and/or limbs</td>
<td>Richard Jordan</td>
</tr>
<tr>
<td>20</td>
<td>Spinal Cord Stimulation for Intractable Pelvic Pain. Case Report</td>
<td>Declan O'Keefe</td>
</tr>
<tr>
<td>21</td>
<td>Successful ability to steer spinal cord stimulation current using single percutaneous lead, placed with “midline anchoring” technique’</td>
<td>Eugene Mironer</td>
</tr>
<tr>
<td>22</td>
<td>Efficacy of a single, percutaneous, across midline, Octrode® lead using a “midline anchoring” technique in the treatment of chronic low back and/or lower extremity pain: a retrospective study</td>
<td>Eugene Mironer</td>
</tr>
<tr>
<td>23</td>
<td>Rechargeable Spinal Cord Stimulation (SCS) with Zero Volt Battery Technology: a Case Report</td>
<td>Richard North</td>
</tr>
<tr>
<td>24</td>
<td>Burden of Low Back and Leg Pain among Candidates for Spinal Cord Stimulation: A Managed Care Study</td>
<td>Sharashchandra Shetty</td>
</tr>
<tr>
<td>26</td>
<td>Effects of changes in patients posture on energy requirement for SCS</td>
<td>David Abejon</td>
</tr>
<tr>
<td>27</td>
<td>Cost-Utility and Cost-Effectiveness of SCS in Patients with FBSS Compared to Conventional Medical Management: the PRECISE STUDY</td>
<td>Furio Zucco</td>
</tr>
<tr>
<td>28</td>
<td>Patient Preferences for Constant Current and Constant Voltage Stimulation</td>
<td>William Hautt</td>
</tr>
<tr>
<td>29</td>
<td>SPINAL CORD STIMULATION WITH RADIOFREQUENCY NEUROSTIMULATORS: ADVANTAGES AND DISADVANTAGES OF THIS TECHNIQUE</td>
<td>Alessandro Dario</td>
</tr>
<tr>
<td>30</td>
<td>Patient-Reported Differences in Constant Current and Constant Voltage Stimulation</td>
<td>Don Donelly</td>
</tr>
<tr>
<td>31</td>
<td>A novel approach to tracking percutaneous spinal cord lead migration in patients over time without the need for serial x-ray</td>
<td>Bradley Carpentier</td>
</tr>
<tr>
<td>1200 – 1300</td>
<td>Princesa Foyer (13)</td>
<td></td>
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<tr>
<td>1</td>
<td>Neuromodulation in dysphagia induced by surface electrical stimulation to suprathyroid muscles area</td>
<td>Kosei Mitsuhashi</td>
</tr>
<tr>
<td>2</td>
<td>Improvement of swallowing movement after electrical stimulation to lower leg acupoints in poststroke patient</td>
<td>Chizuru Akamatsu</td>
</tr>
<tr>
<td>3</td>
<td>Integrated 16 channel NeuroStimulator and Recording Device</td>
<td>James Morizio</td>
</tr>
<tr>
<td>4</td>
<td>Intrathecal Hydromorphone for Patient with Chronic Intractable Angina: Case Report</td>
<td>Michael Castillo</td>
</tr>
<tr>
<td>5</td>
<td>Effect of spinal cord stimulation assessed by positron emission tomography in patients with refractory angina pectoris</td>
<td>Siegfried Eckert</td>
</tr>
<tr>
<td>6</td>
<td>Spinal Cord Stimulation for Refractory Angina Pectoris: Less Pain and Lots to Gain</td>
<td>Ingrid Fedoroff</td>
</tr>
<tr>
<td>7</td>
<td>The Systematic review of the role of neurostimulation in alleviating chest pain in refractory angina</td>
<td>Hany Nosir</td>
</tr>
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<td>8</td>
<td>Spinal cord stimulation in angina pectoris</td>
<td>Giampaolo Pinato</td>
</tr>
<tr>
<td>9</td>
<td>Increased Myocardial Blood Flow after Spinal Cord Stimulation in Patients with Refractory Angina Pectoris</td>
<td>Athanasios Koulousakis</td>
</tr>
<tr>
<td>10</td>
<td>Sacral nerve stimulation in the treatment of urinary and bowel continence dysfunction and pelvic pain syndromes</td>
<td>Frank Hertel</td>
</tr>
<tr>
<td>11</td>
<td>Sacral nerve stimulation in fecal incontinence: Results 5 years after implant</td>
<td>Carlo Ratto</td>
</tr>
<tr>
<td>12</td>
<td>Identification of the Location of the Dorsal Genital Nerves with Subsequent Electrical Stimulation for Treatment of Overactive Bladder Symptoms in Women</td>
<td>Howard Goldman</td>
</tr>
<tr>
<td>14</td>
<td>Awake versus non-Awake Surgery for placement of Spinal Cord Stimulators</td>
<td>Steven Falowski</td>
</tr>
<tr>
<td>15</td>
<td>Differences between staggered and parallel percutaneous lead tripole arrays: preliminary findings from a prospective post-market study</td>
<td>Eduardo Garcia</td>
</tr>
<tr>
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<td>Title</td>
<td>Authors</td>
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<td>---</td>
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<td>--------------------------</td>
</tr>
<tr>
<td>16</td>
<td>Efficacy of the Lamitrode® TripoleTM 8 surgical lead: Preliminary findings from a prospective post-market study</td>
<td>Abdi Ghodsi</td>
</tr>
<tr>
<td>17</td>
<td>Differential effects of spinal cord stimulation are achieved with three lead patterns</td>
<td>Gabi Miyazawa</td>
</tr>
<tr>
<td>18</td>
<td>An Initial Evaluation of Subcutaneous Stimulation for the Treatment of Chronic Pain</td>
<td>David Abejon</td>
</tr>
<tr>
<td>19</td>
<td>Percutaneous tripole array programming and stimulation coverage in a patient with failed back surgery syndrome implanted with an Eon® Rechargeable IPG and three percutaneous leads: a case-study</td>
<td>TBA</td>
</tr>
<tr>
<td>20</td>
<td>Medtronic Restore® for implantable pulse generator (IPG) replacement: A theoretical economic evaluation</td>
<td>Alessandro Dario</td>
</tr>
<tr>
<td>21</td>
<td>Hybrid Spinal Cord Stimulator Experience: First 25 Patients Using Leads from One Manufacturer with IPG from Another</td>
<td>James Hagen</td>
</tr>
<tr>
<td>22</td>
<td>Dynamic Multistim™ programming and stimulation coverage in a patient with failed back surgery syndrome implanted with an Eon® Rechargeable IPG and a single Octrode® lead: a case-study</td>
<td>Peter Hegi</td>
</tr>
<tr>
<td>23</td>
<td>Spinal cord stimulation versus conventional medical management: Long-term results from a multicentre randomised controlled trial of patients with failed back surgery syndrome: (PROCESS study)</td>
<td>Line Jacques</td>
</tr>
<tr>
<td>24</td>
<td>Prospective, multi-centered study to evaluate the safety and effectiveness of Genesis®XP Implantable Pulse Generator in combination with paddle leads for the management of chronic pain of the trunk and/or limbs</td>
<td>Richard Jordan</td>
</tr>
<tr>
<td>25</td>
<td>Our Experiences in the Pain Therapy in the period of 14 years, (June 1993 - June 2007)</td>
<td>Malgorzata Kolodziej</td>
</tr>
<tr>
<td>26</td>
<td>Spinal cord stimulation versus conventional medical management: Quality of life, resource use and costs from a multicentre randomised controlled trial of patients with failed back surgery syndrome: (PROCESS study)</td>
<td>Krishna Kumar</td>
</tr>
<tr>
<td>27</td>
<td>Endoscopic Epidurolysis as tool to show the different morphological characteristics of the Failed Back Surgery Syndrome, and to predict the response to Spinal Cord Stimulation</td>
<td>William Raffaeli</td>
</tr>
<tr>
<td>No.</td>
<td>Title</td>
<td>Authors</td>
</tr>
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</tr>
<tr>
<td>28</td>
<td>Successful Treatment of Chronic Axial Low Back Pain and Bilateral Radicural Leg Pain in Two Cases of Failed Back Syndrome (FBSS) and Lumbar Spondylosis with a New Technique of Spinal Cord Stimulation (SCS): The “Electrical Fractionalization”</td>
<td>Claudio Reverberi</td>
</tr>
<tr>
<td>29</td>
<td>Percutaneous lead tripolar arrays in the management of chronic intractable back pain: preliminary findings from one clinic in a prospective post-market study</td>
<td>Jason Rosenberg</td>
</tr>
<tr>
<td>30</td>
<td>Prospective, multi-centered study to evaluate the safety and effectiveness of Genesis® Implantable Pulse Generator in combination with percutaneous leads for the management of chronic pain of the trunk and/or limbs</td>
<td>Konstantin Slavin</td>
</tr>
<tr>
<td>31</td>
<td>Stimulation coverage of transverse tripole programming using the Lamitrode® Tripole™ 16 surgical lead: Preliminary evaluation of a prospective, multi-centered, post-market study</td>
<td>Stewart Smith</td>
</tr>
<tr>
<td>32</td>
<td>Three-column surgical lead for spinal cord stimulation offers selective dorsal column fiber activation</td>
<td>Michael Turner</td>
</tr>
<tr>
<td>33</td>
<td>Subjective Success of Sacral Neuromodulation Therapy in Interstitial Cystitis Patients</td>
<td>Sandip Vasavada</td>
</tr>
<tr>
<td>34</td>
<td>Use of Monopolar Impedance Measurements to Diagnose Intermittent Lead Connections and Non-invasively Restore Stimulation Efficacy in Spinal Cord Stimulation: Three Case Studies</td>
<td>Harold Haut</td>
</tr>
<tr>
<td>35</td>
<td>Spinal Cord stimulation reduces the occurrence of ventricular fibrillation in the ischemic canine heart</td>
<td>Mike DeJongste</td>
</tr>
<tr>
<td>36</td>
<td>Dorsal Column Selectivity in Pulse Width (PW) Programming of Spinal Cord Stimulation (SCS): Computation model for the “Sacral Shift” (A Mathematical Application)</td>
<td>Dongchul Lee</td>
</tr>
<tr>
<td>37</td>
<td>Automated vs. Manual Spinal Cord Stimulator Adjustment: A Sensitivity Analysis of Lifetime Cost Data from a Randomized, Controlled Trial</td>
<td>Alexander Arash, Khalessi</td>
</tr>
<tr>
<td>38</td>
<td>Cost Minimisation in Spinal Cord Stimulation</td>
<td>Paul Murphy</td>
</tr>
<tr>
<td>39</td>
<td>Initial Evaluation of Triple-Array Leads for Spinal Cord Stimulation</td>
<td>Garrett Powell</td>
</tr>
<tr>
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<td>Title</td>
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<tr>
<td>40</td>
<td>Dorsal Column Selectivity in Pulse Width (PW) Programming of Spinal Cord Stimulation (SCS): Computation model for the “Sacral Shift” (A Clinical Application)</td>
<td>Tom Yearwood</td>
</tr>
<tr>
<td>41</td>
<td>Frequency and duration of recharging in typical use patterns of patients with rechargeable spinal cord stimulation (SCS) systems: observations and preferences of over 1000 patients</td>
<td>Surekha Bhat</td>
</tr>
<tr>
<td>42</td>
<td>Successful implantation of percutaneous leads over initially failed paddle lead: Case Reports</td>
<td>Julie Saranita</td>
</tr>
<tr>
<td>43</td>
<td>Prospective outcomes study on the Restore® rechargeable neurostimulation system for neuropathic pain: a multi-center study</td>
<td>Geert Spincemaille</td>
</tr>
<tr>
<td>44</td>
<td>Improving Success of Spinal Cord Stimulation for Spondylotic Pain</td>
<td>Richard van Groningen</td>
</tr>
<tr>
<td>45</td>
<td>The Effect of Voltage Multiplication Rates and Discharge Modes on Patient Recharging of Rechargeable IPGs</td>
<td>Thomas Younker</td>
</tr>
<tr>
<td>46</td>
<td>Spinal cord stimulation with “rechargeable systems” in 8 patients. 12 months follow up</td>
<td>Mª Luisa Franco Gay</td>
</tr>
<tr>
<td>47</td>
<td>Restart of a Rechargeable Implantable Pulse Generator After 10 Months</td>
<td>William A. Hautt</td>
</tr>
<tr>
<td>48</td>
<td>Effects of changes in patients posture on energy requirement for SCS</td>
<td>David Abejon</td>
</tr>
<tr>
<td>49</td>
<td>Posterior Spinal Cord Stimulation in a Case of Painful Legs and Moving Toes</td>
<td>Fabián Piedimonte</td>
</tr>
</tbody>
</table>
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