

# 11<sup>th</sup> World Congress

## *Neuromodulation: Technology Transforming Chronic Illness Management*

**8 - 13 June, 2013 - Berlin, Germany**

### Poster Presentation Schedule

POSTER NUMBER	POSTER DISPLAY DATE	ORAL PRESENTATION DATE	TITLE	AUTHOR
1	10 June	10 June	IMPROVED INTRAOPERATIVE THERAPEUTIC WINDOW WITH DIRECTIONAL DBS COMPARED TO OMNIDIRECTIONAL DBS USING A NOVEL LEAD DESIGN	Claudio Pollo
2	10 June	10 June	IMPLEMENTATION OF A NEW LEAD AND STIMULATION DEVICE FOR SPINAL CORD STIMULATION WITH MRI-SAFETY - FIRST IMPLANTATION WORLDWIDE AND INITIAL CLINICAL EXPERIENCE	Dirk Rasche
3	10 June	10 June	OCCIPITAL NERVE STIMULATION IN FIBROMYALGIA: A SIX-MONTH FOLLOW-UP STUDY ON A GROUP OF 25 PATIENTS	Mark Plazier
4	10 June	10 June	THORACIC SPINAL CORD STIMULATION APPLIED CHRONICALLY REDUCES MORTALITY AND PRESERVES VAGAL RESPONSIVENESS IN A CANINE HEART FAILURE MODEL	Allen Keel
5	10 June	10 June	CORRELATING PARKINSON'S DISEASE MOTOR SYMPTOMS WITH 3-DIMENSIONAL [18F]FP-CIT PET	Young Seok Park
6	10 June	10 June	AN APPROACH ON THE QUANTIFICATION OF UNCERTAINTIES IN THE MRI-DEFINED SUBTHALAMIC NUCLEUS	Andreas Husch
7	10 June	10 June	MATRIX EMBEDDED ULTRA THIN MICROELECTRODES FOR MULTISITE DEEP BRAIN STIMULATION AND RECORDING	Jens Schouenborg
9	10 June	10 June	TARGETING GLOBUS PALLIDUS INTERNUS FOR THE NEUROSURGICAL TREATMENT OF DYSTONIA: FIFTEEN YEAR FOLLOW-UP	Fabian Piedimonte
10	10 June	10 June	PRELIMINARY REPORT OF MR GUIDED FOCUSED ULTRASOUND SURGERY FOR THE PATIENTS WITH ESSENTIAL TREMOR: THE RESULT FROM ET001K FEASIBILITY STUDY	Won Hee Lee
11	10 June	10 June	DEEP BRAIN STIMULATION: RE-ADJUSTMENT OF ATLAS-BASED TARGETING IN PATIENTS WITH ESSENTIAL TREMOR BY IDENTIFICATION OF THE DENTATO-RUBRO-THALAMIC TRACT	Juergen Schlaier
12	10 June	10 June	PATIENT-SPECIFIC MODELLING OF THE SUBTHALAMIC NUCLEUS FOR DEEP BRAIN STIMULATION TARGETING	Florian Bernard
13	10 June	10 June	CENESTHOPATHY-LIKE SYMPTOM AFTER STN-DBS FOR PARKINSON DISEASE	Chikashi Fukaya
14	10 June	10 June	SCS MODULATES BRAIN FUNCTIONS AND NEUROBIOLOGY	Maarten Moens
15	10 June	10 June	ADVANCEMENTS IN FULL BODY MR CONDITIONAL NEUROSTIMULATION SYSTEMS	Steve Manker
16	10 June	10 June	MRI SAFE DEEP BRAIN AND SPINAL CORD STIMULATION SYSTEMS: STUDIES OF THE MAXIMUM SAFE LEAD TIP TEMPERATURE	Robert Coffey

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17	10 June	10 June	ANALYSIS AND IN-VIVO RESULTS OF MRI RADIOFREQUENCY HEATING DUE TO NEUROMODULATION SYSTEMS	Heather Orser
18	10 June	10 June	FIRST EXPERIENCES WITH A FULL-BODY MAGNETIC RESONANCE IMAGING (MRI) COMPATIBLE NEUROSTIMULATION SYSTEM	Jose De Andres
19	10 June	10 June	ADAPTIVE SCS STIMULATION ADJUSTMENT FOR VARYING DCSF THICKNESS ALONG MULTIPLE VERTEBRAL LEVELS: A COMPUTATIONAL MODELING STUDY	Dongchul Lee
20	10 June	10 June	REAL-TIME FEATURE EXTRACTION AND SPATIOTEMPORAL REPRESENTATION OF NEUROPHYSIOLOGIC DATA	Chengyuan Wu
21	10 June	10 June	MODULATION OF SENSORY NEURONS OF THE PANCREAS BY SCS TO CONTROL BETA CELL STRESS AND INSULIN PRODUCTION IN TYPE I DIABETIC ANIMALS	Laura Perryman
22	10 June	10 June	MICRO-MAGNETIC STIMULATION OF THE NERVOUS SYSTEM	John Gale
23	10 June	10 June	NEURAL RECORDINGS FOR FEEDBACK CONTROL OF SPINAL CORD STIMULATION: REDUCTION OF PARAESTHESIA VARIABILITY	Robert Gorman
24	10 June	10 June	A CARDIAC-RELATED COMPONENT OF THE VAGUS NERVE ACTIVITY IS CORRELATED IN AMPLITUDE TO THE CENTRAL ARTERIAL BLOOD PRESSURE	Thomas Nielsen
25	10 June	10 June	NON-INVASIVE VAGUS NERVE STIMULATION ENHANCES PARASYMPATHETIC INFLUENCE ON AUTONOMIC OUTPUT BY REDUCING SYMPATHETIC NERVE ACTIVITY	Jennifer Clancy
26	10 June	10 June	DEVELOPMENT AND SETTINGS OF A NEW IMPLANTABLE NEUROMODULATION MODALITY FOR CHRONIC REFRACTORY ANGINA PECTORIS: SUBCUTANEOUS ELECTRICAL NERVE STIMULATION	Koen De Decker
27	10 June	10 June	LONG-TERM CLINICAL OUTCOME AFTER SPINAL CORD STIMULATION FOR REFRACTORY STABLE ANGINA PECTORIS IN PATIENTS WITH CHRONIC PACEMAKER AND ICD-TREATMENT	Siegfried Eckert
28	10 June	10 June	SPINAL CORD STIMULATION IN PATIENTS WITH PAINFUL DIABETIC NEUROPATHY	Cecile de Vos
29	10 June	10 June	THE OPTIONS STUDY-CLINICAL OUTCOMES STUDY USING A NEW IMPLANTABLE NEUROSTIMULATION SYSTEM FOR CHRONIC INTRACTABLE PAIN: INITIAL TRIAL EXPERIENCE	Paul Verrills
30	10 June	10 June	SOMATOSYMPATHETIC REFLEXES AND STIMULATION OF THE DORSAL ROOT GANGLION (DRG) IN THE TREATMENT OF CHRONIC PAIN	Jean-Pierre Van Buyten
31	10 June	10 June	“SONOLOGY” OF PROGRAMMABLE INTRATHECAL PUMPS	Michael Saulino
32	10 June	10 June	SALVAGING FAILED CONVENTIONAL SPINAL CORD STIMULATION IMPLANTS WITH HIGH FREQUENCY SPINAL CORD SYSTEM	Paul Verrills
33	10 June		PERIPHERAL NERVE FIELD STIMULATION - A MATHEMATICAL MODEL FOR ACTIVATION OF LOW-BACK CUTANEOUS AFFERENTS	Carsten Morch
34	10 June		CORTICOTROPIN-RELEASING HORMONE INVOLVES ACUTE STRESS MEDIATED ENHANCEMENT IN INNATE IMMUNE FUNCTIONS VIA ENDOPLASMIC RETICULUM STRESS IN MICE	Ce Yang
35	10 June		SURFACE-ENHANCED RAMAN SPECTROSCOPY: TECHNOLOGY FOR DETECTING AND IMAGING NEUROTRANSMITTERS IN BRAIN TISSUE	Felicia Manciu
36	10 June		DIFFERENT LENGTHS OF STIMULATION PRODUCE DIFFERENT LENGTHS OF CARRY-OVER EFFECT IN A RODENT MODEL OF SUBCUTANEOUS ELECTRICAL STIMULATION	Toni Cordero
37	10 June		OCCIPITAL NERVE STIMULATION CHANGES THE LASER EVOKED POTENTIALS: A CLUE TO WHAT HAPPENS IN THE BRAIN.	Mark Plazier

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38	10 June		COMPARISON OF BURST AND TONIC SPINAL CORD STIMULATION ON LUMBOSACRAL AND GRACILE EXTRACELLULAR RECORDINGS IN AN ANIMAL MODEL	Melanie Goodman Keiser
39	10 June		BERGAMOT JUICE EXERTS PROTECTIVE EFFECT AGAINST 6-OHDA-INDUCED INJURY IN SH-SY5Y CELLS	Michele Navarra
40	10 June		VALIDATION OF A MULTI-SENSOR ON-BODY MONITORING SYSTEM TO OBJECTIVELY MEASURE CHANGES IN PHYSICAL FUNCTION AND SLEEP IN PATIENTS UNDERGOING A SPINAL CORD STIMULATION TRIAL	Stephanie Washburn
41	10 June		INFLUENCE OF FREQUENCY IN SPINAL CORD STIMULATION WITH RECHARGEABLE SYSTEMS	David Abejon
42	10 June		A NEW SOFTWARE PLATFORM FOR LARGE-SCALE RECORDING AND MANAGEMENT OF IMPLANTED NEUROSTIMULATION SYSTEMS	Gonzalo Portillo Rubi
43	10 June		A WIRELESS SUBDURAL GRID FOR CHRONIC ECG MONITORING AND CORTICAL STIMULATION	Pantaleo Romanelli
44	10 June		AN OUTCOME COMPARISON OF THREE DISTINCT PADDLE ELECTRODE CONFIGURATIONS OF THORACIC SPINAL CORD STIMULATORS FOR THE TREATMENT OF CHRONIC NEUROPATHIC PAIN	Chengyuan Wu
45	10 June		REPLACEMENT OF OLD DBS IPGS WITH NEW GENERATION IPGS	Alessandro Dario
46	10 June		DIFFERENT STRATEGIES IN DEEP BRAIN STIMULATION FOR PARKINSON'S DISEASE.	Andrea Landi
47	10 June		QUALITY OF LIFE AFTER ONE YEAR OF BILATERAL SUBTHALAMIC NUCLEUS DEEP BRAIN STIMULATION	Carlos Rocha
48	10 June		THALAMIC DEEP BRAIN STIMULATION FOR WRITER'S CRAMP	Chul Bum Cho
49	10 June		THE EFFECTS OF SUBTHALAMIC NUCLEUS DEEP BRAIN STIMULATION ON ESSENTIAL TREMOR	Fan-Gang Meng
50	10 June		DEEP BRAIN STIMULATION OF THE VENTRAL INTERMEDIATE NUCLEUS OF THE THALAMUS FOR CHINESE FAMILY ESSENTIAL TREMOR	Fan-Gang Meng
51	10 June		LONG-TERM FOLLOW-UP OF DEEP BRAIN STIMULATION IN HUNTINGTON'S DISEASE - A CASE REPORT	Guoming Luan
52	10 June		SUBTHALAMIC DEEP BRAIN STIMULATION VERSUS BEST MEDICAL THERAPY FOR L-DOPA RESPONSIVE PAIN IN PARKINSON'S DISEASE	Lukas Imbach
53	10 June		EFFECTIVENESS OF ZONA INCERTA DEEP BRAIN STIMULATION IN TREMORS REFRACTORY TO THALAMIC STIMULATION	Witold Libionka
54	10 June		BILATERAL SUBTHALAMIC NUCLEUS STIMULATION FOR PARKINSON'S DISEASE AFTER UNILATERAL PALLIDOTOMY	Nan Li
55	10 June		PREVALENCE OF INFECTIONS IN INTRATHECAL BACLOFEN THERAPY AND THEIR MANAGEMENT	Nick Boutos
56	10 June		PRELIMINARY RESULTS OF THE IMPLANTATION OF A NEW PROGRAMMABLE PUMP FOR THE TREATMENT OF INTRACTABLE SPASTICITY	Nick Boutos
57	10 June		MAXIMISING DECREASE IN DRUG DOSAGE FOLLOWING BILATERAL STN RECHARGEABLE DBS USING CONSTANT CURRENT FOR PARKINSONS DISEASE: THE ROLE OF RESTARTING MEDICAL TREATMENT FROM THE BARE MINIMUM ALONG WITH PACEMAKER PROGRAMMING FOLLOWING SURGERY	Sujoy Sanyal

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58	10 June		SAFETY OF USING 7T MRI GENERATED 3D VOLUME FOR DIRECT TARGET PLANNING IN IMAGE GUIDED & STEREOTACTIC NEUROSURGERY AND THE ROLE OF CT CO-REGISTRATION: A PHANTOM STUDY	Daniel Thurston
59	10 June		NEUROMODULATION USING INTRATHECAL BACLOFEN THERAPY FOR SPASTICITY AND DYSTONIA	Takuya Uchiyama
60	10 June		NEUROSTIMULATION OF SPINAL CORD IN THE TREATMENT OF TWO CASES OF REFRACTORY ANGINA IN THE TYUMEN REGION	Sergey Churkin
61	10 June		EFFECTS OF THORACIC SPINAL CORD STIMULATION FOR LEFT VENTRICULAR REMODELING IN HEART FAILURE: INSIGHT FROM A PORCINE MODEL OF ISCHEMIC HEART FAILURE	Chika Shuto
62	10 June		EFFECTS OF SPINAL CORD STIMULATION IN REFRACTORY ANGINA PECTORIS	Hans Suijlekom
63	10 June		NEUROMODULATION: A NOVEL TREATMENT FOR THE PAIN OF CHARCOT FOOT	Alexander Yakovlev
64	10 June		SPINAL CORD STIMULATION FOR REFRACTORY FAILED BACK SURGERY SYNDROME PATIENTS: A COST-EFFECTIVE TREATMENT IN ITALY (PRECISE STUDY)	Angelo Lavano
65	10 June		MANAGEMENT OF THORACIC EPIDURAL ABSCESS POST SPINAL CORD STIMULATOR INSERTION - A CASE REPORT.	Ann-Katrin Fritz
66	10 June		TREATMENT JOURNEY OF SPINAL CORD STIMULATION SURGERY: AN INTERPRETATIVE PHENOMENOLOGICAL ANALYSIS	Anna Turner
67	10 June		PNEUMOCEPHALUS AS A COMPLICATION OF SPINAL CORD STIMULATION: A CASE REPORT AND REVIEW OF LITERATURE	Annu Navani
68	10 June		CHRONIC ITCHING: A NOVEL INDICATION FOR SPINAL CORD STIMULATION	Brian Bruel
69	10 June		SPINAL CORD STIMULATION FOR PREDOMINANT LOW BACK PAIN IN FAILED BACK SURGERY SYNDROME: DESIGN AND ENROLLMENT OF AN INTERNATIONAL MULTICENTER RANDOMIZED CONTROLLED TRIAL (PROMISE STUDY)	Philippe Rigoard
70	10 June		SPINAL CORD STIMULATION FOR PATIENTS WITH FAILED BACK SURGERY SYNDROME	Carlos Fernandez Carballal
71	10 June		COMBINED STIMULATION (EPIDURAL AND PERIPHERAL) EFFICACY IN A CONGENITAL SCOLIOSIS PATIENT: ANODE INTENSIFICATION.	Consuelo Nieto Iglesias
72	10 June		EPIDURAL LIPOMATOSIS AS A CAUSE FOR HIGH IMPEDANCE VALUES DURING A SPINAL CORD STIMULATOR TRIAL: A CASE REPORT.	Daniel Fung
73	10 June		TAILORING PATIENT SPINAL CORD STIMULATION (SCS) THERAPY THROUGH ADAPTIVESTIM PROGRAMMING	David Caraway
74	10 June		NEUROSTIMULATION EFFICACY: A BELGIAN MULTI-CENTER EXPERIENCE FROM 2004 TO 2012.	David Loge
75	10 June		SPINAL CORD STIMULATION LEAD CONFIGURATIONS EMPLOYING NARROW SINGLE COLUMN PADDLE LEAD(S) OFFER GREATER PAIN RELIEF THAN DUAL 8-CONTACT CYLINDRICAL LEADS	Jerry Tracy
76	10 June		SUBCUTANEOUS STIMULATION AS ADD ON THERAPY TO SCS TO TREAT LOW BACK PAIN IN FBSS: A MULTICENTER RANDOMIZED CONTROLLED TRIAL (SUBQ STUDY)	Eric-Jan van Gorp
77	10 June		LUMBAR AND CERVICAL TREATMENTS WITH EPIDURAL PULSED RADIOFREQUENCY: A RETROSPECTIVE OVERVIEW	Hector de Paz
78	10 June		LOW BACK PAIN AND LOWER EXTREMITIES WEAKNESS AS INDICATIONS FOR INTERVENTIONAL PAIN PROCEDURES	Ihor Melnytskyy

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79	10 June		PREDICTORS OF SUCCESS FOLLOWING SCS IMPLANTATION	Ingrid Fedoroff
80	10 June		MICROSCOPE-ASSISTED MINIMAL ACCESS INSERTION OF SPINAL CORD STIMULATION PADDLE LEADS WITH NOVEL POSITIONING AND ANCHORING TECHNIQUE	Ismail Ughratdar
81	10 June		SPINAL CORD STIMULATION OFFERS A SAFE AND EFFECTIVE THERAPEUTIC OPTION FOR CHRONIC DIABETIC NEUROPATHIC PAIN AND POST CHEMOTHERAPEUTIC INDUCED PAIN: RESULTS OF A CASE SERIES.	John Dombrowski
82	10 June		A NEW MODEL OF STIMULATION: 16-CONTACT ELECTRODE ELECTRODE AND NEW ANCHORING DEVICE PRLIMINARY RESULTS.	Jose Paz Solis
83	10 June		MULTICENTER EXPERIENCE WITH PERCUTANEOUS IMPLANTED PLATE LEADS	Juan Perez-Cajaraville
84	10 June		OCTAD STUDY: EVALUATION OF THE EFFECTIVENESS OF OCTOPOLAR LEADS IN PATIENTS WITH FAILED BACK SURGERY SYNDROME WITH CHRONIC LOW BACK AND/OR LEG PAIN DURING A ONE YEAR FOLLOW-UP PERIOD. A PROSPECTIVE, MULTICENTRE, OPEN-LABEL, NON-RANDOMIZED STUDY	Kliment Gatzinsky
85	10 June		LIVING WITH SPINAL CORD STIMULATION: COMPOSITIONS OF BODIES AND TECHNOLOGIES	Lucie Dalibert
86	10 June		TEN YEARS OF CHRONIC PAIN MANAGEMENT WITH CONSTANT CURRENT NEUROSTIMULATION SYSTEMS	Manuel Rodriguez
87	10 June		EFFECTS OF PULSE WIDTH PROGRAMMING IN SPINAL CORD STIMULATION FOR THE TREATMENT OF FAILED BACK SURGERY SYNDROME (FBSS) AND COMPLEX REGION PAIN SYNDROME (CRPS)	Maria Teresa Bovaira
88	10 June		A REPORT ON THE PHYSICAL PERFORMANCE OUTCOMES FOLLOWING SCS IMPLANT	Mark Draper
89	10 June		SPINAL CORD STIMULATION FOR CHRONIC BACK AND LEG PAIN IN ELDERLY PATIENTS. A FIVE YEARS SINGLE-CENTER EXPERIENCE.	Massimo Mearini
90	10 June		SUCCESSFUL BURST SPINAL CORD STIMULATION IN A CRPS PATIENT WITH FAILED CONVENTIONAL STIMULATION	Nadia Kriek
91	10 June		THE USE OF SPINAL CORD NEUROMODULATION IN THE MANAGEMENT OF HIV-RELATED POLYNEUROPATHY	Nebojsa Nick Knezevic
92	10 June		LONG-TERM EFFECTIVENESS OF NEUROMODULATION IN THE TREATMENT OF POST-SURGICAL RADICULAR PAIN	Nebojsa Nick Knezevic
93	10 June		SPINAL CORD STIMULATOR INSERTION FOR CHRONIC RIGHT HIP PAIN AFTER REVISION OF TOTAL HIP ARTHROPLASTY	Nebojsa Nick Knezevic
94	10 June		SPINAL CORD INJURY DUE TO INVASIVE PROCEDURES IN CHRONIC PAIN PATIENTS	Peter Felleiter
95	10 June		A LONG-TERM RETROSPECTIVE SPINAL CORD STIMULATION (SCS) STUDY IN 128 SURGICAL PADDLE IMPLANTS IN THE TRIPOLAR PADDLE ERA: COMPLICATION REDUCTION AND EFFECTS OF BODY POSITION.	Peter Pahapill
96	10 June		MULTICOLUMN SPINAL CORD STIMULATION LEAD IMPLANTATION USING AN OPTIC TRANSLIGAMENTAR MINIMALLY INVASIVE TECHNIQUE.	Philippe Cam
97	10 June		ACUTE LOSS OF THERAPEUTIC BENEFITS OF SPINAL CORD STIMULATION (SCS) IN PATIENTS EXPOSED TO ANOTHER NOCICEPTIVE EVENT. A CASE SERIES DESCRIBING "PSEUDO-FAILURE" OF SCS AND ITS MANAGEMENT.	Samiul Muquit
98	10 June		AN UNUSUAL CASE OF LEAD MIGRATION RESULTING FROM SELF UNLOCKING OF A MECHANICALLY LOCKING ANCHOR SYSTEM	Sangeeta Das

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99	10 June		PRELIMINARY OUTCOMES WITH A NEW STIMULATION DESIGN: RESPONDS COMPARISON AND BUDGET IMPACT MODELLING.	Tim Vancamp
100	10 June		A SINGLE-CENTER EXPERIENCE WITH A FIVE-COLUMN PADDLE LEAD	Tony Van Havenbergh
101	10 June		GREY AND WHITE MATTER ASSESSMENTS IN PATIENTS WITH FAILED BACK SURGERY SYNDROME	Uta Sbotto-Frankenstein
102	10 June		RELATIONSHIP BETWEEN TNF, P38 MAPK ENZYME ACTIVITY AND HYPERALGESIA VARIATION DURING DIFFERENT STAGES OF CFA INDUCED ARTHRITIS IN MALE WISTAR RATS	Zeinab Akhtari

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1	11 June	11 June	DORSAL COLUMN AND PERIPHERAL NERVE STIMULATION INDUCES AN INTENSITY-DEPENDENT INHIBITION OF WIDE-DYNAMIC-RANGE NEURONAL ACTIVITY IN A RAT MODEL OF NEUROPATHIC PAIN	Paul Wacnik
2	11 June	11 June	CAN CSF PRESSURE SIGNALS DISTINGUISH CATHETER COMPLICATIONS FROM NORMAL CATHETER FUNCTION IN SUBJECTS WHO EXPERIENCE LOSS OF INTRATHECAL BACLOFEN THERAPY?	Michael Saulino
3	11 June	11 June	ANALGESIC EFFICACY OF HIGH FREQUENCY SPINAL CORD STIMULATION: A RANDOMISED DOUBLE-BLIND PLACEBO-CONTROLLED STUDY	Christophe Perruchoud
4	11 June	11 June	EFFECT OF INTRATHECAL INTERMITTENT BOLUSES AND MORPHINE CONCENTRATION ON THE INCIDENCE OF INFLAMMATORY MASS IN A CANINE MODEL	Linda Page
5	11 June	11 June	LOW BONE MINERAL DENSITY LEVELS AS A SECONDARY EFFECT OF INTRATHECAL DRUG DELIVERY FOR CHRONIC NON-CANCER PAIN	Rui Duarte
6	11 June	11 June	DOSE ESCALATION: SIMPLE CONTINUOUS INFUSION VS FLEXIBLE BOLUS IN AN INTRATHECAL MORPHINE PUMP	Jennifer Breeel
7	11 June	11 June	HUMAN FACTORS RESEARCH TO IMPROVE PROGRAMMING AND VARIABLE DRUG DOSING FOR AN INTRATHECAL DRUG DELIVERY SYSTEM	Sarah Alme
8	11 June	11 June	HIGH-FREQUENCY SPINAL CORD STIMULATION FOR THE TREATMENT OF PREDOMINANT BACK PAIN PATIENTS: 24-MONTH RESULTS	Jean-Pierre Van Buyten
9	11 June	11 June	EFFECT OF HIGH-FREQUENCY ALTERNATING CURRENT ON SPINAL AFFERENT NOCICEPTIVE TRANSMISSION: AN ANIMAL STUDY AND DISCUSSION ON THE PROPOSED MECHANISMS OF ACTION	Jason Cuellar
10	11 June	11 June	PILOT STUDY ON HIGH-FREQUENCY NERVE BLOCK FOR AMPUTATION PAIN: INITIAL RESULTS	Amol Soin
11	11 June	11 June	EFFECTS OF SPINAL CORD STIMULATION (SCS) OF THE DORSAL ROOT GANGLION (DRG) IN THE TREATMENT OF CHRONIC, INTRACTABLE PAIN: LONG-TERM RESULTS FROM PROSPECTIVE CLINICAL TRIALS	Liong Liem
12	11 June	11 June	LACK OF BODY POSITIONAL EFFECTS ON PARESTHESIAS WHEN STIMULATING THE DORSAL ROOT GANGLION (DRG) IN THE TREATMENT OF CHRONIC PAIN	Jeff Kramer
13	11 June	11 June	TRANSABDOMINAL ELECTRICAL STIMULATION CAUSES CHANGES IN ORAL-RECTAL TRANSIT AND BOWEL CONTRACTILITY IN PIGLETS.	Andre Tan
14	11 June	11 June	HOME-BASED TRANSABDOMINAL ELECTRICAL STIMULATION SLOWLY IMPROVES TREATMENT-RESISTANT CHRONIC CONSTIPATION IN CHILDREN.	Bridget Southwell
15	11 June	11 June	SACRAL NERVE STIMULATION IN THE TREATMENT OF FECAL INCONTINENCE: THE EXPERIENCE OF A PELVIC FLOOR CENTER	Roberto Paolo Iachetta
16	11 June	11 June	SACRAL NEUROMODULATION THERAPY PATIENT SATISFACTION, FACTORS AFFECTING SATISFACTION: SINGLE CENTER SURVEY	Mai Banakhar
17	11 June	11 June	EFFECT OF SACRAL NERVE STIMULATION ON VISCERAL SENSITIVITY BY RAT	Erwann Le Long
18	11 June	11 June	SCS FOR CHRONIC PAIN: OUTCOMES FROM A MULTICENTER DATA COLLECTION	Ivano Dones
19	11 June	11 June	PERCUTANEOUS IMPLANTED PADDLE LEAD FOR SCS:TECHNIQUE AND THREE-YEAR FOLLOW UP	Gregor Bara
20	11 June	11 June	INFECTION RATES OF PERCUTANEOUSLY IMPLANTED LEADS FOR SCS AFTER A TRIAL PHASE: THREE-YEAR FOLLOW UP	Gregor Bara
21	11 June	11 June	LOW PREVALENCE OF MRI-RELATED EXPLANTS IN SPINAL CORD STIMULATION PATIENTS	Nitzan Mekel-Bobrov

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22	11 June	11 June	TMS MAPPING TO ASSESS CORTICAL REORGANISATION IN CHRONIC PAIN	Turo Nurmikko
23	11 June	11 June	SURGICAL TREATMENT STRATEGY FOR INTRACTABLE PAIN DUE TO THE STROKE: APPLICATION OF NEUROMODULATION THERAPY	Hidehiro Hirabayashi
24	11 June	11 June	TOURETTE'S SYNDROME TREATMENT BY CHRONIC DEEP BRAIN STIMULATION OF THE GLOBUS PALLIDUS EXTERNUS	Fabian Piedimonte
25	11 June	11 June	GPI-DEEP BRAIN STIMULATION IN TOURETTE'S SYNDROME: LONG-TERM FUNCTIONAL OUTCOME	Jan Mehrkens
26	11 June	11 June	A RANDOMIZED BLINDED TRIAL OF NUCLEUS ACCUMBENS ABLATION TO TREAT OPIATE DEPENDENCE IN HUMANS: LOCATION CORRELATES WITH OUTCOME	Xuelian Wang
27	11 June	11 June	DBS FOR REFRACTORY COCAINE DEPENDENCE	Alexandre Campos
28	11 June	11 June	GLUTAMATE AND GABA IMBALANCE PROMOTES NEURONAL APOPTOSIS IN HIPPOCAMPUS BUT NOT IN PREFRONTAL CORTEX IN A RAT MODEL OF POSTTRAUMATIC STRESS DISORDER	Jie Gao
29	11 June	11 June	THE ROLE OF GLOBUS PALLIDUS INTERNUS AS A REASONABLE TARGET FOR THE TREATMENT OF UNCONTROLLABLE AGGRESSIVENESS	Fabian Piedimonte
30	11 June	11 June	RAGE AND VIOLENCE: MECHANISM AND MODULATION	Donald Richardson
31	11 June		ELECTROCONVULSIVE THERAPY (ECT) VERSUS REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS) IN PHARMACORESISTANT DRUG-FREE PATIENTS WITH UNIPOLAR NON-PSYCHOTIC CHRONIC AND SEVERE DEPRESSION	Eda Guertzenstein
32	11 June		ELECTROCONVULSIVE THERAPY (ECT) IN PHARMACO AND REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION RESISTANT DRUG-FREE PATIENTS WITH UNIPOLAR NON-PSYCHOTIC CHRONIC AND SEVERE DEPRESSION	Eda Guertzenstein
33	11 June		REMARKABLE CLINICAL IMPROVEMENT WITH BILATERAL GLOBUS PALLIDUS INTERNUS DEEP BRAIN STIMULATION IN A CASE OF LESCH-NYHAN SYNDROME: THREE YEARS FOLLOW-UP	Fabian Piedimonte
34	11 June		NEW TENDENCIES IN NEUROSURGICAL TREATMENT OF OBSESSIVE COMPULSIVE DISORDER: REPORT OF TWO CASES	Fabian Piedimonte
35	11 June		PARTIAL DECREASE IN BENEFICIAL EFFECT OF BILATERAL GLOBUS PALLIDUS EXTERNUS DEEP BRAIN STIMULATION AFTER BATTERY EXHAUSTION IN A CASE OF TOURETTE'S SYNDROME	Fabian Piedimonte
36	11 June		INFLUENCE OF ELECTRO ACUPUNCTURE AT CILIAO(BL 32) ON SINGLE FIBER PELVIC AFFERENT NERVE IN RATS WITH CYCLOPHOSPHAMIDE-INDUCED OVERACTIVE BLADDER.	Qing Hui Qi
37	11 June		SUCCESSFUL NURSE-LED TRANSCUTANEOUS ELECTRICAL STIMULATION METHOD IMPROVES CLINICAL OUTCOMES/SYMPTOMS FOR COMPLEX SLOW-TRANSIT CONSTIPATION PATIENTS.	Julie Jordan-Ely
38	11 June		THE USE OF TRIPOLAR SPINAL CORD STIMULATION FOR THE TREATMENT OF ABDOMINAL PAIN ASSOCIATED WITH IRRITABLE BOWEL SYNDROME AND NONRADICULAR THORACIC SPINE PAIN	Nebojsa Nick Knezevic
39	11 June		IN SITU SPINAL CORD STIMULATOR FOR POST THORACOTOMY PAIN	Nebojsa Nick Knezevic
40	11 June		MANAGEMENT OF MERALGIA PARESTHETICA WITH PERCUTANEOUS PERIPHERAL NERVE STIMULATOR IMPLANTATION UNDER ULTRASOUND GUIDANCE.	Nebojsa Nick Knezevic
41	11 June		ULTRASOUND MAPPING TO FACILITATE THE PLACEMENT OF A SPIRAL PERIPHERAL NERVE CUFF ELECTRODE	Amol Soin
42	11 June		PERIPHERAL NERVE FIELD STIMULATION THERAPY FOR PATIENTS WITH THORACIC PAIN: A PROSPECTIVE STUDY	Bruce Mitchell



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43	11 June		A NOVEL STIMULATING PROBE FOR EXTERNAL NEUROMODULATION IN BODY CAVITIES	Ashish Shetty
44	11 June		TREATING OF SACROILIAC JOINT PAIN WITH PERIPHERAL NERVE STIMULATION	Christian Preuss Hernandez
45	11 June		LAPAROSCOPIC ELECTRODE PLACEMENT ON THE PUDENDAL NERVE IN PIGS	Elena Foditsch
46	11 June		PERIPHERAL NERVE STIMULATION (PNS) IN THE TRAPEZIUS MUSCLE REGION ALLEVIATES CHRONIC NEUROPATHIC PAIN AFTER LOWER BRACHIAL PLEXUS ROOT AVULSION LESION: A CASE REPORT.	Jens Christian Sorensen
47	11 June		SUBQSTIM: A PROSPECTIVE, RANDOMIZED, CONTROLLED STUDY OF SUBCUTANEOUS NERVE STIMULATION FOR BACK PAIN DUE TO FBSS.	Sam Eldabe
48	11 June		TREATMENT OF INTRACTABLE SHOULDER PAIN USING PERIPHERAL NERVE FIELD STIMULATION (PNFS): A CASE REPORT	Olivier De Coster
49	11 June		ELECTROPHYSIOLOGICAL EVALUATION OF DIFFERENT STATIC POSTURES USING A CONSTANT CURRENT DEVICE.	Olivier De Coster
50	11 June		PENS THERAPY: A LESS INVASIVE TREATMENT FOR NEUROPATHIC CHRONIC PAIN.	Paola Nosella
51	11 June		PERIPHERAL NERVE STIMULATION (PNS) IN A PATIENT WITH CAUSALGIC AND ARTERIOPATHIC PAIN IN THE LOWER LIMB: A CLINICAL CASE REPORT	Reverberi Claudio
52	11 June		INTRAMUSCULAR PERIPHERAL NERVE STIMULATION FOR CHRONIC SUBACROMIAL IMPINGEMENT SYNDROME	Richard Wilson
53	11 June		ULTRASOUND GUIDED PERCUTANEOUSLY PLACED PERIPHERAL NERVE STIMULATION SYSTEM	Leonardo Kapural
54	11 June		INTER-LEAD STIMULATION OR 'CROSS TALK' OF A SPINAL CORD STIMULATOR LEAD WITH A PERIPHERAL NERVE STIMULATOR LEAD FOR THE TREATMENT OF FACIAL PAIN: A CASE REPORT	William McRoberts
55	11 June		THE HIGH FREQUENCY SPINAL CORD STIMULATION IN A PATIENT WITH SYRINGOMYELIA	Alessandro Dario
56	11 June		A PROSPECTIVE STUDY ON USE OF EXTERNAL MULTIPLE POWER SOURCE DEVICE IN SINGLE ELECTROCATHETER IMPLANT	Alessandro Dario
57	11 June		COMBINED USE OF INTRATHECAL THERAPY AND SCS FOR NEUROPATHIC LOWER EXTREMITY AND ABDOMINAL PAIN	Alexander Yakovlev
58	11 June		OCCIPITAL NEURALGIA RELIEVED WITH USE OF INTRATHECAL ZICONOTIDE	Alexander Yakovlev
59	11 June		SPINAL CORD STIMULATION AND SACRAL NERVE STIMULATION FOR FBSS WITH SIGNIFICANT LOW BACK PAIN	Alexander Yakovlev
60	11 June		HIGH FREQUENCY NEUROMODULATION THERAPY FOR PATIENTS WITH FAILED PERIPHERAL NERVE FIELD STIMULATION	Paul Verrills
61	11 June		SALVAGING FAILED NEUROMODULATION IMPLANTS WITH HIGH FREQUENCY SPINAL CORD STIMULATION THERAPY: THREE CASE STUDIES	Paul Verrills
62	11 June		HIGH-FREQUENCY SPINAL CORD STIMULATION REDUCES TRIAL PROCEDURES DURATION AND RADIATION EXPOSURE - A SINGLE CENTER EXPERIENCE	Paul Verrills

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63	11 June		SIDE EFFECTS OF ZICONOTIDE: THE AUTONOMIC DYSFUNCTION IS LINKED TO THE TREATMENT AND INCREASES WITH PRESENCE OF PANIC SPECTRUM	Antonella Ciaramella
64	11 June		A RETROSPECTIVE STUDY OF EPIDURAL PULSED RADIOFREQUENCY STIMULATION	Christophe Berthold
65	11 June		MULTIPLE DRUG EXPERIENCE IN A NOVEL, NEW INTRATHECAL INFUSION PUMP	Declan Okeeffe
66	11 June		SCS THROUGH PATIENT'S EYES	Genni Duse
67	11 June		FIRST RESULTS OF BURST HIGH FREQUENCY STIMULATION IN FAILED FBSS STIMULATION PATIENTS: ONE YEAR FOLLOW UP	Gregor Bara
68	11 June		10KHZ HIGH FREQUENCY STIMULATION IN FBSS PATIENTS WHO FAILED CONVENTIONAL SPINAL CORD STIMULATION	Gregor Bara
69	11 June		HIGH FREQUENCY SPINAL CORD STIMULATION FOR DOMINANT BACK PAIN - 1.5 YEAR FOLLOW UP	Gregor Bara
70	11 June		MIGRATION IN PERCUTANEOUSLY IMPLANTED PADDLE LEADS FOR SCS: 3 YEAR FOLLOW UP	Gregor Bara
71	11 June		HIGH-FREQUENCY SPINAL CORD STIMULATION FOR THE TREATMENT OF SEVERE LEG PAIN IN COMBINATION WITH BACK PAIN	Iris Smet
72	11 June		HIGH FREQUENCY STIMULATION WITH A SINGLE 8-POLAR LEAD : ONE YEAR FOLLOW-UP	Frank Wille
73	11 June		SWEDISH SINGLE CENTER EXPERIENCE WITH SPINAL CORD STIMULATION (SCS) OF THE DORSAL ROOT GANGLION (DRG) FOR CHRONIC PAIN	Anders Wahlstedt
74	11 June		A POST-MARKET COHORT TO ASSESS THE PERFORMANCE OF THE SPINAL MODULATION NEUROSTIMULATOR SYSTEM FOR THE MANAGEMENT OF INTRACTABLE CHRONIC BACK PAIN	Harold Nijhuis
75	11 June		A POST-MARKET COHORT TO ASSESS THE PERFORMANCE OF SPINAL CORD STIMULATION (SCS) OF THE DORSAL ROOT GANGLION (DRG) NEUROMODULATION SYSTEM FOR THE MANAGEMENT OF CHRONIC INTRACTABLE PAIN	Liong Liem
76	11 June		SPINAL CORD STIMULATION (SCS) OF THE DORSAL ROOT GANGLION (DRG) FOR CHRONIC PAIN OF THE UPPER LIMBS – A MULTI-CENTER CASE SERIES	Liong Liem
77	11 June		SPINAL CORD STIMULATION (SCS) OF THE DORSAL ROOT GANGLION (DRG) FOR GROIN PAIN – A MULTI-CENTER CASE SERIES	Stefan Schu
78	11 June		INVESTIGATION OF HIGH-FREQUENCY SPINAL CORD STIMULATION FOR INTRACTABLE AND COMPLEX PAIN SYNDROMES IN 60 CONSECUTIVE IMPLANTS.	John Salmon
79	11 June		HIGH-FREQUENCY SCS CAN BE EFFECTIVE FOR NONCONVENTIONAL CLINICAL INDICATIONS	John Salmon
80	11 June		HIGH FREQUENCY SPINAL CORD STIMULATION IN COMPLEX REGIONAL PAIN SYNDROME (CRPS) PATIENTS - A CASE SERIES	Karl Wohak
81	11 June		HIGH FREQUENCY SPINAL CORD STIMULATION FOR COMPLEX REGIONAL PAIN SYNDROME (CRPS) - A CASE REPORT	Karl Wohak
82	11 June		COMPLEX REFRACTORY NEUROPATHIC PAIN MANAGED WITH HIGH FREQUENCY SPINAL CORD STIMULATION	G. Baranidharan
83	11 June		SPINAL CORD STIMULATION (SCS) OF THE DORSAL ROOT GANGLION (DRG): SINGLE CENTER EXPERIENCES IN THE UNITED KINGDOM	G. Baranidharan

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84	11 June		STIMULATION OF THE DORSAL ROOT GANGLION (DRG) FOR FOOT PAIN - A SINGLE CENTER CASE SERIES	Katharina Wolf
85	11 June		INTRATHECAL HYDROMORPHONE AND PREGNANCY: CASE REPORT AND IMPLICATIONS FOR CLINICAL CARE	Michael Kretzschmar
86	11 June		A REVIEW OF THE USE OF SPINAL CORD STIMULATION WITH OVERLAYING AREAS OF CONCENTRATION AND NOVEL CATHODE - ANODE COMBINATIONS TO CONTROL PARESTHESIA SHAPING FOR OPTIMAL PAIN MANAGEMENT	Laura Perryman
87	11 June		REAL-WORLD EXPERIENCE WITH HIGH-FREQUENCY SPINAL CORD STIMULATION (HF-SCS) FOR THE TREATMENT OF BACK AND LEG PAIN PATIENTS	Marc Russo
88	11 June		FORMATION OF AN INTRATHECAL GRANULOMA ON AN INACTIVE CATHETER TIP. A CASE REPORT.	Jonathan Chan
89	11 June		EFFICACY OF INNOVATIVE HIGH FREQUENCY SPINAL CORD SIMULATION ON VASCULAR DISEASE: A CASE REPORT	Giuliano De Carolis
90	11 June		ADVANTAGES IN USE OF NEW TREATMENT FOR LOW BACK PAIN DUE TO LUMBAR STENOSIS WITH A PERCUTANEUS 16POLAR LEAD: PRELIMINARY DATA	Giuliano De Carolis
91	11 June		PERCUTANEOUS ELECTRICAL NERVE STIMULATION (PENS) IN THE TREATMENT OF NEUROPATHIC PAIN	Giuliano De Carolis
92	11 June		EFFICACY OF PERIPHERAL NERVE STIMULATION IN THE PREVENTION OF PHANTOM PAIN AFTER LOWER LIMB AMPUTATION: A CASE REPORT STUDY.	Giuliano De Carolis
95	11 June		HUMAN FACTORS SUMMATIVE USABILITY EVALUATION OF A NEW CLINICIAN PROGRAMMER FOR INTRATHECAL DRUG DELIVERY	Sarah Alme
96	11 June		INTRATHECAL BACLOFEN THERAPY (ITB) IN CEREBRAL SPASTICITY	Athanasios Koulousakis
97	11 June		PERIPHERAL SUBCUTANEOUS NERVE STIMULATION (PNS) IN NEUROPATHIC PAIN: SEVEN YEARS OF EXPERIENCE	Athanasios Koulousakis
98	11 June		HIGH-FREQUENCY SPINAL CORD STIMULATION (HF-SCS) IMPROVES MOTOR AS WELL AS COGNITIVE PERFORMANCES IN A CASE OF HEREDITARY SPASTIC PARAPLEGIA	Beatrice Cioni
99	11 June		COMPARISON OF DAILY DOSE WITH CONSTANT FLOW RATE AND PROGRAMMABLE PUMPS IN SPASTIC PATIENTS.	Roberto Rodriguez
100	11 June		SPASTIC QUADRIPARESIS OF CERVICAL COMPRESSIVE MYELOPATHY: THE ROLE OF INTRATHECAL BACLOFEN PUMPS IN INADEQUATE RELIEF OF SPASTICITY EVEN AT ONE YEAR FOLLOWING CERVICAL SPINE SURGERY ON MAXIMUM MEDICAL TREATMENT	Sujoy Sanyal
101	11 June		STIMULATION TARGET DISTRIBUTION BENEATH A NEW 32 CONTACT, 4 COLUMN PADDLE LEAD AND CURRENT SCS PADDLE LEADS USING SINGLE AND DEDICATED POWER SOURCES: A COMPUTATIONAL MODEL	Dongchul Lee

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1	12 June	12 June	SINGLE TRANSCRANIAL MAGNETIC STIMULATION IN MIGRAINE - INVESTIGATING ITS MECHANISM OF ACTION IN MIGRAINE MODELS	Anna Andreou
2	12 June	12 June	INTRAMUSCULAR PERIPHERAL NERVE STIMULATION COMPARED TO USUAL CARE FOR HEMIPLEGIC SHOULDER PAIN: A RANDOMIZED CONTROLLED TRIAL	Richard Wilson
3	12 June	12 June	BEDSIDE ESTIMATION OF RESPIRATORY FUNCTION DURING INTRATHECAL BACLOFEN REVIEW ASSESSMENTS CAN HELP SAFE DOSE ADJUSTMENTS.	Natalie Gray
4	12 June	12 June	THE APPROPRIATE USE OF NEUROSTIMULATION FOR THE TREATMENT OF CHRONIC PAIN	Timothy Deer
5	12 June	12 June	WITH RISING COSTS, WILL SPINAL CORD STIMULATION REMAIN COST-EFFECTIVE IN 2020?	Krishna Kumar
6	12 June	12 June	WIKISTIM: AN INTERACTIVE SCS DATABASE	Jane Shipley
7	12 June	12 June	THE MAP (MULTIPLE AREAS OF PAIN) STUDY: DEVELOPMENT OF THE MULTI-SITE PAIN INDEX	Leonardo Kapural
8	12 June	12 June	COPING STRATEGIES PROFILES AS PREDICTORS OF LONG TERM SPINAL CORD STIMULATION TREATMENT	Mery Paroli
9	12 June	12 June	IMPACT OF WAIT-TIMES ON SPINAL CORD STIMULATION SUCCESS RATES	Krishna Kumar
10	12 June	12 June	SACRAL NERVE STIMULATION FOR THE TREATMENT OF CHRONIC LOW BACK, PELVIC GIRDLE AND LEG PAIN - A PROSPECTIVE STUDY	Bruce Mitchell
11	12 June	12 June	LASTING THERAPEUTIC EFFECT OF PERIPHERAL NERVE FIELD STIMULATION FOR CHRONIC LOW BACK PAIN: RESULTS OF THE PROSPECTIVE STUDY	Paul Verrills
12	12 June	12 June	PERIPHERAL NERVE STIMULATION FOR NEUROPATHIC PAIN CAUSED BY LEPROSY	Tiago Freitas
13	12 June	12 June	TARGETED SENSORY NERVE STIMULATION OF THE DORSAL ASPECT OF THE DRG WITH A NOVEL, WIRELESS INJECTABLE MINIATURE STIMULATOR FOR FBS AND SCIATIC BACK AND LEG PAIN	Laura Perryman
14	12 June	12 June	HIPPOCAMPAL DEEP BRAIN STIMULATION (HIP-DBS) IN PATIENTS WITH BILATERAL TEMPORAL LOBE EPILEPSY (TLE) AND NORMAL MRI FINDINGS OR MESIAL TEMPORAL SCLEROSIS (MTS).	Arthur Cukiert
15	12 June	12 June	USING MULTI-SITE BRAIN DYNAMICS TO OPTIMIZE DEEP BRAIN STIMULATION PROTOCOLS FOR TREATING EPILEPSY	David Mogul
16	12 June	12 June	THE EFFICACY OF ANTERIOR THALAMIC STIMULATION IN ADULT PATIENTS WITH INTRACTABLE SEIZURES	Andrey Sitnikov
17	12 June	12 June	TREATMENT MESIAL TEMPORAL LOBE EPILEPSY WITH AMYGDALOHIPPOCAMPAL STIMULATION: A CASE SERIES AND REVIEW OF THE LITERATURE	Min Bao
18	12 June	12 June	VAGUS NERVE STIMULATION (VNS) IN REFRACTORY EPILEPSY.	Arthur Cukiert
19	12 June	12 June	ACCURACY AND LIMITS OF A SKULL-MOUNTED FRAMELESS DEEP BRAIN STIMULATION (DBS) PROCEDURES: PERSONAL EXPERIENCE	Tommaso Tufo
20	12 June	12 June	APPLICABILITY OF 3.0 T MRI IN THE PLANNING OF THE SUBTHALAMIC NUCLEUS STIMULATION PROCEDURE IN PARKINSON DISEASE	Witold Libionka

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21	12 June	12 June	POSTOPERATIVE DEEP BRAIN STIMULATION (DBS) IMPEDANCE VARIABILITY IN PARKINSON'S DISEASE (PD) PATIENTS	Francois Alesch
22	12 June	12 June	TIME-LOCKED CHANGES IN SINGLE UNIT ACTIVITY AND LOCAL FIELD POTENTIALS IN THE SUBTHALAMIC NUCLEUS DURING A GRIP FORCE TASK IN PARKINSON'S PATIENTS	Lukas Imbach
23	12 June	12 June	PERIPHERAL NERVE STIMULATION (PNS) FOR CHRONIC CRANIOFACIAL NEUROPATHIC PAIN WITH A NOVEL WIRELESSLY POWERED MINIATURE IMPLANTABLE NEUROSTIMULATOR ELECTRODE ARRAY	Laura Perryman
24	12 June	12 June	THE ADVANTAGE OF 20 HZ RTMS STIMULATION IN THE TREATMENT OF OROFACIAL PAIN	Jitka Fricova
25	12 June	12 June	NON-INVASIVE VAGUS NERVE STIMULATION FOR THE TREATMENT OF CLUSTER HEADACHE: A COHORT SERIES WITH EXTENDED FOLLOW-UP.	Alexander Nesbitt
26	12 June	12 June	A WINDOW TO THE BRAIN DURING OCCIPITAL NERVE STIMULATION IN FIBROMYALGIA PATIENTS: A PET SCAN STUDY	Mark Plazier
27	12 June	12 June	TREATMENT OF THE AXIAL NECK PAIN WITH OR WITHOUT UPPER EXTREMITIES PAIN USING SPINAL-PERIPHERAL NEUROSTIMULATION (SPN).	Eugene Mironer
28	12 June	12 June	A RETROSPECTIVE REVIEW OF CLINICAL OUTCOME FOLLOWING SPINAL CORD STIMULATION IN PHANTOM LIMB PAIN (DEAFFERENTATION PAIN): IMPACT OF NEW SPINAL TARGET SELECTION METHOD ON CLINICAL OUTCOME.	Harshini Naidu
29	12 June	12 June	INTENSITY-DEPENDENT EFFECTS OF CYCLING VERSUS CONTINUOUS SPINAL CORD STIMULATION ON NERVE INJURY-EVOKED HYPERSENSITIVITY IN AN ANIMAL MODEL OF NEUROPATHIC PAIN	Toni Cordero
30	12 June	12 June	MOTOR CORTEX STIMULATION IN PAIN MANAGEMENT AND QUALITY OF LIFE	Paul Verstegen
31	12 June	12 June	MOTOR CORTEX STIMULATION FOR CHRONIC NEUROPATHIC PAIN	Paul Verstegen
32	12 June	12 June	THE ROLE OF INTRATHECAL BACLOFEN THERAPY IN CONSCIOUSNESS DISORDERS ASSOCIATED WITH SPASTICITY	Stefanos Korfiatis
33	12 June	12 June	INTRATHECAL BACLOFEN PUMP IMPLANTATION IN 2 CASES OF STIFF-PERSON SYNDROME.	Vadim Bikmullin
34	12 June	12 June	AN IMPLANT FOR CLOSED-LOOP ECG RECORDING AND STIMULATION	Martin Schuettler
35	12 June	12 June	RESOLVING CHRONIC NON-SPECIFIC LOW BACK PAIN REQUIRES A NEW APPROACH	Kristiaan Deckers
36	12 June	12 June	NEUROMUSCULAR REACTIVATION - A NEW THERAPY FOR PATIENTS WITH CHRONIC NON-SPECIFIC LOW BACK PAIN: RESULTS OF A EUROPEAN MULTICENTER FEASIBILITY STUDY	Jean-Pierre Van Buyten
37	12 June	12 June	NEW TACTICS FOR TREATMENT OF SENSORINEURAL HEARING LOSS	Hyun Ho Jung
38	12 June	12 June	PREDICTING REGIONS OF CORTICAL ACTIVATION INDUCED BY TRANSCRANIAL MAGNETIC STIMULATION	David Mogul
39	12 June	12 June	CEREBELLAR TREMOR IN ALCOHOLIC DEGENERATION: DEEP BRAIN STIMULATION OF RED NUCLEUS IS DISAPPOINTING: A CASE REPORT.	Michel Lefranc
40	12 June	12 June	EFFICACY OF DBS IN CRITICAL CARE CONDITIONS	Roberto Cordella
41	12 June	13 June	A PROSPECTIVE COMPARATIVE STUDY OF THE SPECIFY-565 VERSUS 2 (1X8) OCTAPOLAR LEADS IN TREATMENT OF CHRONIC LOW AXIAL BACK PAIN FROM FAILED BACK SURGERY SYNDROME	Krishna Kumar

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42	12 June	13 June	SPINAL CORD STIMULATION FOR CHRONIC NEUROPATHIC PAIN (FBSS AND NP) - LONG TERM SYSTEMATIC OUTCOME REVIEW.	Jibril Osman Farah
43	12 June	13 June	SUBCUTANEOUS STIMULATION AS AN ADDITIONAL THERAPY TO SPINAL CORD STIMULATION FOR THE TREATMENT OF LOW BACK PAIN AND LEG PAIN IN FAILED BACK SURGERY SYNDROME: FOUR YEAR FOLLOW UP.	Tanja Hamm-Faber
44	12 June	13 June	BURST SPINAL CORD STIMULATION EVALUATED IN PATIENTS WITH FAILED BACK SURGERY SYNDROME AND PAINFUL DIABETIC NEUROPATHY	Sven Vanneste
45	12 June	13 June	TREATMENT OF THE BACK PAIN COMPONENT OF FAILED BACK SURGERY SYNDROME (FBSS) BY MULTI-COLUMN SPINAL CORD STIMULATION: A MULTICENTRE PROSPECTIVE STUDY	Olivier Monlezun
46	12 June	13 June	CONUS-CAUDAL STIMULATION IN THE TREATMENT OF COMPLEX PAIN IN THE PATIENTS AFFECTED BY FAILED BACK SURGERY SYNDROME	Reverberi Claudio
47	12 June	13 June	ELECTRICAL STIMULATION THERAPY (EST) OF THE LOWER ESOPHAGEAL SPHINCTER (LES) - AN EMERGING THERAPY FOR REFRACTORY GERD - PRELIMINARY RESULTS OF AN INTERNATIONAL MULTICENTER TRIAL	Edy Soffer
48	12 June	13 June	CHRONIC EFFECTS OF ADJUSTABLE GASTRIC ELECTRICAL STIMULATION (AGES) ON THE FOOD-INTAKE AND BODY WEIGHT OF BEAGLE DOGS.	Yan Mei Li
49	12 June	13 June	INHIBITORY EFFECTS OF GASTRIC/DUODENAL ELECTRICAL STIMULATION ON FOOD INTAKE AND BODY WEIGHT: A COMPARATIVE STUDY IN RATS.	Yong Lei
50	12 June	13 June	THERAPY OF CHRONIC PANCREATITIS PAIN AFTER SWINE INFLUENCE (H1N1) WITH SPINAL CORD STIMULATION	Peter Lierz
51	12 June	13 June	PREOPERATIVE ULTRASOUND-GUIDED MAPPING OF PERIPHERAL NERVES	Michael Gofeld
52	12 June	13 June	EPIDURAL RADIOFREQUENCY STIMULATION OF DORSAL ROOT GANGLIA: A PRELIMINARY REPORT ON A NEW TECHNIQUE	Giuseppe Calcarella
53	12 June	13 June	ZICONOTIDE SINGLE SHOT TRIAL AND SUBSEQUENT DOSING FOR CANCER-RELATED PAIN	Brian Bruel
54	12 June	13 June	ESTIMATING THE DIAGNOSTIC NEED FOR MAGNETIC RESONANCE IMAGING (MRI) IN A UK NEUROPATHIC PAIN POPULATION OF PATIENTS WITH SPINAL CORD STIMULATION SYSTEMS	Shanti Thavaneswaran
55	12 June	13 June	DISPARITIES IN MAGNETIC RESONANCE IMAGING (MRI) UTILIZATION IN THE US GENERAL POPULATION, SPINAL CORD STIMULATOR-INDICATED, AND -IMPLANTED PATIENTS.	Mehul Desai
56	12 June	13 June	AN EXPLORATORY PILOT STUDY OF INTRA-THECAL SPINAL CORD STIMULATION (IT-SCS): IMPLICATIONS FOR THE FUTURE MANAGEMENT OF CHRONIC PAIN.	Jonathan Choi
57	12 June	13 June	NEUROPHYSIOLOGY OF THE DORSAL ROOT GANGLION (DRG): A TRANSLATIONAL PREMISE FOR NEUROMODULATION IN THE TREATMENT OF CHRONIC PAIN	Katja Burger
58	12 June	13 June	REPRODUCIBILITY AND FEASIBILITY OF BURST STIMULATION: PRELIMINARY RESULTS.	Anders Wahlstedt
59	12 June		STIMULATION OF THE ANTERIOR NUCLEUS OF THALAMUS FOR THE TREATMENT OF EPILEPSY INITIAL EXPERIENCE AT THE UNIVERSITY HOSPITAL SANTA MARIA, LISBON	Alexandre Campos
60	12 June		TECHNICAL ASPECTS IN DEEP BRAIN STIMULATION FOR EPILEPSY	Arthur Cukiert
61	12 June		PROGNOSIS AND MORBIMORTALITY IN EPILEPSY SURGERY USING GRIDS, DEPTH ELECTRODES OR BOTH	Carlos Ciruolo
62	12 June		VAGAL NERVE STIMULATION IN METABOLIC ENCEPHALOPATHIES: REPORT OF TWO CASES	Daniele Grioni

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63	12 June		EFFECT OF VAGUS NERVE STIMULATION ON BLOOD NEUROPEPTIDES IN EPILEPSY PATIENTS	Guoming Luan
64	12 June		LESIONAL ETIOLOGY AND YOUNG AGE AT IMPLANT PREDICT A BETTER RESPONSE AFTER VAGUS NERVE STIMULATION FOR DRUG RESISTANT EPILEPSIES IN A COHORT OF PATIENTS WITH LONG FOLLOW-UP	Mario Meglio
65	12 June		CORRELATION BETWEEN GASTROESOPHAGEAL REFLUX DISEASE AND CHRONIC PERIODONTITIS	Hyung Hun Kim
66	12 June		NEUROMODULATION TECHNIQUES FOR INTRACTABLE PAIN AND GASTRO-UROLOGICAL DYSFUNCTIONS: A CASE REPORT	Vito Petruzzelli
67	12 June		OCCIPITAL NERVE AND SUBCUTANEOUS FRONTAL ELECTRICAL STIMULATION IN AN ENCEPHALOMYELITIS DISSEMINATA-RELATED HEADACHE: A CASE REPORT.	Christophe Berthold
68	12 June		INVASIVE SUBCUTANEOUS PERIPHERAL NERVE FIELD STIMULATION OF THE GREATER OCCIPITAL NERVE IN PATIENTS WITH REFRACTORY MIGRAINE OR HEADACHE SYNDROMES.	Dirk Rasche
69	12 June		ANATOMO-RADIOLOGIC CORRELATION TO ACHIEVE MAXIMUM ACCURACY IN LEADS IMPLANTATION FOR CHRONIC STIMULATION OF SPHENOPALATINE GANGLION	Fabian Piedimonte
70	12 June		REFRACTORY CLUSTER HEADACHE TREATMENT BY SYNERGIC CHRONIC STIMULATION OF THE SPHENOPALATINE GANGLION AND GREATER OCCIPITAL NERVE: FIVE YEARS FOLLOW-UP	Fabian Piedimonte
71	12 June		PRELIMINARY RESULTS IN PATIENTS AFFECTING BY CHRONIC MIGRAINE AND TREATED WITH ONS	Genni Duse
72	12 June		OCCIPITAL STIMULATION FOR INTRACTABLE HEADACHES AFTER CHIARI MALFORMATION SURGERY	Laurence Abeloos
73	12 June		PAPPIEDEMA AND HEADACHE REPORTED AFTER PROVOCATIVE FUNCTIONAL ANESTHETIC DISCOGRAPHY	Nameer Haider
74	12 June		360 DEGREE CRANIAL NEUROSTIMULATOR IMPLANTATION FOR MIGRAINE HEADACHES USING A 32 CONTACT IPG AND 4 LEADS (HAIDER 360 HALO)	Nameer Haider
75	12 June		SHORT TERM EFFECT OF PULSED RADIOFREQUENCY ON CHRONIC REFRACTORY ATLANTO-OCCIPITAL JOINT PAIN	Sang-Ho Ahn
76	12 June		PERCUTANEOUS SLIMLINE PADDLE LEAD PLACEMENT USING AN EPIDUCER FOR REVISION OF A FAILED PERIPHERAL NERVE STIMULATOR IN THE TREATMENT OF GREATER OCCIPITAL NEURALGIA	William McRoberts
77	12 June		NEURAL BRIDGING AND HIGH DEFINITION NEUROMUSCULAR STIMULATION IN TETRAPLEGIA	Chad Bouton
78	12 June		TRANSCRANIAL DIRECT CURRENT STIMULATION INCREASES SYMPATHETIC NERVE ACTIVITY IN HEALTHY SUBJECTS	Jennifer Clancy
79	12 June		THERAPEUTIC EFFECT OF BONE MARROW STEM CELLS TRANSPLANTATION AND MOBILIZATION ON TRAUMATIC BRAIN INJURY IN RATS	Jindou Jiang
80	12 June		ANTAGONISTIC MUSCLE MAGNETIC STIMULATION IMPROVES RESULTS OF SELECTIVE PERIPHERAL NEUROTOMY ON REFRACTORY POST STROKE SPASTICITY ON RIGHT UPPER LIMB	Juan Carlos Andreani
81	12 June		ACTIVITY ADVANCES OF THE GOVERNMENTAL PROGRAM OF NEUROMODULATION IN THE PROVINCE OF BUENOS AIRES, ARGENTINA	Juan Carlos Andreani
82	12 June		CORTICAL AND SUBCORTICAL CHANGES RELATED TO EFFICACY OF REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION FOR CENTRAL POST-STROKE PAIN	Koichi Hosomi
83	12 June		QUANTITATIVE ASSESSMENT OF UPPER LIMB MOTION USING INERTIAL SENSORS IN BRAIN INJURY PATIENTS- A NOVEL STUDY	Mohamed Sakel

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84	12 June		DEVELOPING AND EVALUATION OF A MULTIMODAL HEAD TRACKING SYSTEM WITH FACIAL GESTURE SWITCH.	Mohamed Sakel
85	12 June		CAN GALVANIC VESTIBULAR STIMULATION PROMOTE RECOVERY FROM CEREBELLAR DYSFUNCTION?	Mohamed Sakel
86	12 June		USE OF BRAIN COMPUTER INTERFACE (BCI) FOR ENVIRONMENTAL CONTROL BY NEUROLOGICAL PATIENTS: A PILOT STUDY	Mohamed Sakel
87	12 June		ANATOMIC CIRCUITS OF CONSCIOUSNESS. NEUROMODULATION PROSPECTS FOR PATIENTS IN COMA, PVS OR MCS?	Stefanos Korfiias
88	12 June		INTRATHECAL CLONIDINE PUMP AS A TREATMENT FOR SPASTICITY	Michel Prudhomme
89	12 June		CLINICAL APPLICATION OF THE HANGER REFLEX FOR THE TREATMENT OF CERVICAL DYSTONIA – INTERIM REPORT OF THE MULTICENTER TRIAL	Takashi Asahi
90	12 June		VOXEL-BASED STATISTICAL ANALYSIS OF BRAIN METABOLISM IN PATIENTS WITH GROWTH HORMONE DEFICIENCY AFTER TRAUMATIC BRAIN INJURY	Ki Deok Park
91	12 June		PERIPHERAL NERVE STIMULATION FOR CHRONIC CRANIOFACIAL PAIN - A PROSPECTIVE STUDY	Paul Verrills
92	12 June		PERIPHERAL SUBCUTANEOUS FIELD STIMULATION AS SOLE OR ADD-ON TREATMENT TO SPINAL CORD STIMULATION FOR CHRONIC LUMBAR PAIN	Giuseppe Calcarella
93	12 June		NEUROSTIMULATION OF THE OCCIPITAL NERVES	Alessandro Dario
94	12 June		NEUROMODULATION OF TRIGEMINAL NERVE MANDIBULAR BRANCH FOR TREATMENT OF NEUROPATHIC PAIN OF OROFACIAL LOCATION.	Konstantin Slavin
95	12 June		GREATER OCCIPITAL NERVE STIMULATION: REDUCING COMPLICATIONS WITH A SIMPLE TECHNIQUE	Mark Plazier
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99	12 June		THE AARHUS NEUROMODULATION DATABASE	Kaare Meier
100	12 June		INFLUENCE OF PULSE WIDTH IN SPINAL CORD STIMULATION WITH THE NEW RECHARGEABLE SYSTEMS	David Abejon
101	12 June		RESOLUTION OF LOW BACK PAIN AFTER IMPLANTATION OF SACRAL NERVE STIMULATOR	Alexander Yakovlev
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