

5th WORLD CONGRESS of the ISPRM
June 13-17, 2009
Istanbul, TURKEY



FINAL PROGRAM

June 14, 2009 Sunday

AUDITORIUM (HALL I)

8.30am-9.00am Official opening of the scientific program

9.00am -10.00am

PLENARY SESSION

Practice Management

Advancing in Physical and Rehabilitation Medicine

Chairs: Joel DeLisa (USA), Onder Kayhan (Turkey)

Physical and Rehabilitation Medicine: Looking back and moving forward *Onder Kayhan (Turkey)*

Evaluating clinical competency in physiatrist trainees *Joel DeLisa (USA)*

CLINICAL SESSIONS

Content: NEUROREHABILITATION

10.30am-12.00pm

STROKE

Management of stroke and its sequelae

Chairs: Jeffrey R. Basford (USA), Mesut B. Atay (Turkey)

10.30am-11.00am Early rehabilitation in stroke *Allessandro Giustini (Italy)*

11.00am-11.20am Sensori-motor adaptation in the rehabilitation of left spatial neglect *Nkiruka U. Arene (USA)*

11.20am-11.40am Management of dysphagia in stroke *Tai Ryoan Han (Korea)*

11.40am-12.00pm Selected abstracts oral presentation (2 oral papers; 10 minutes each: 7.5 minutes of presentation, 2.5 minutes of discussion)

Cerebral blood flow during constraint-induced movement therapy after stroke

Iuly Treger, Lena Aidinof, Hiela Lehrer

Plasma homocysteine level and functional outcome of patients with stroke and brain injury

Barry D Jordan, Kristen Bonistall, Karina Ortega-verdejo, Margaret Peterson



1.30pm -3.00pm

STROKE

Recovery in stroke

Chairs: Alberto Esquenazi (USA), Belgin Karaoglan (Turkey)

1.30pm-2.00pm Functional reorganization in the cortical mantle in stroke rehabilitation *Nachum Soroker (Israel)*

2.00pm-2.20pm Clinical application of non-invasive brain stimulation for post-stroke recovery *Deog Young Kim (Korea)*

2.20pm-2.40pm Mirror Neuron System: clinical application with a functional action observation in the upper limb rehabilitation in chronic stroke persons *Marco Franceschini (Italy)*

2.40pm-3.00pm Osteoporosis, falls and fractures in the hemiplegic patient *Jorge Lains (Portugal)*

3.30pm-5.00pm

TRAUMATIC BRAIN INJURY (TBI)

An overview of management and outcomes in patients with TBI

Chairs: Nathan Zasler (USA), Jale Meray (Turkey)

3.30pm-4.10pm Psychopharmacological management after acquired brain injury *Nathan Zasler (USA)*

4.10pm-4.40pm Physical function and communication skills in patients with traumatic brain injury *Ridvan Alaca (Turkey)*

4.40pm-5.00pm The influences of age on outcome following traumatic brain injury *John H. Olver (Australia)*

5.15pm-6.15pm

Special lectures

Chairs: Satoshi Miyano (Japan), Rengin Guzel (Turkey)

5.15pm-5.45pm Evidence and experience based medicine along with narrative based medicine *Satoshi Miyano (Japan)*

5.45pm-6.15pm Justifying admissions to rehabilitation hospitals in a regulated environment *John Melvin (USA)*



June 14, 2009 Sunday

HALL II

Content: SPINE & EXTREMITIES

10.30am-12.00pm

CERVICAL SPINE

Neck trauma and pain

Chairs: Lynn H. Gerber (USA), Fitnat Dincer (Turkey)

10.30am-11.15am Whiplash associated disorders *Nicolas E. Walsh (USA)*

11.15am-11.40am Interventional techniques for cervical and shoulder girdle pain *Mihai Berteanu (Romania)*

11.40am-12.00pm An underestimated cause of cervicobrachialgia: Thoracic outlet syndrome highlights *Levent Ozcakar (Turkey)*

1.30pm -3.00pm

THORACIC SPINE

A common spinal deformity: Scoliosis

Chairs: Pedro Cantista (Portugal), Safiye Tuncer (Turkey)

1.30pm-2.30pm The crucial, EBM role of PRM specialists in spinal deformities treatment: from conservative care to rehabilitation
Stefano Negrini (Italy)

2.30pm-3.00pm Selected abstracts oral presentation (2 oral papers; 15 minutes each: 10 minutes of presentation, 5 minutes of discussion)

Effect of a new therapeutic instrument, "Perceptive Surface", in the treatment of idiopathic scoliosis: preliminary reports
Ennio Spadini, Teresa Paolucci, C. Manetta, A. Spadini, Antonella Scappaticci, Augusto Fusco, Vincenzo Maria Saraceni

Evaluation of activities' limitations in patients with osteoporotic vertebral fractures: a perspective cohort study
Francesca Gimigliano, Giovanni Iolascon, Ilaria Riccio, Gioconda Di Pietro, Raffaele Di Mizio, Raffaele Gimigliano



3.30pm-5.00pm

LUMBAR SPINE

Novel principles for the diagnosis and management of low back pain

Chairs: Andrew J. Haig (USA), Ulku Akarirmak (Turkey)

3.30pm-4.00pm Evidence-based management of lumbar spine injury *William Micheo (USA)*

4.00pm-4.30pm New advances in the diagnosis of spinal stenosis *Andrew J. Haig (USA)*

4.30pm-5.00pm Selected abstracts oral presentation (2 oral papers; 15 minutes each: 10 minutes of presentation, 5 minutes of discussion)

The utility of lumbar paraspinal mapping in the diagnosis of lumbar spinal stenosis

Ilker Yagci, Hakan Gunduz, Gazanfer Ekinici, Gulseren Akyuz

The effects of three common lumbar orthoses on vertebral motion

Jeffrey R. Basford, Joseph G. Cunniff, Kenton R. Kaufman, Andrew Utter, Meredith L. Anderson

5.00pm-6.30pm

WORKSHOPS & BEST PRACTICE SESSIONS (Detailed information available at the web page)



June 14, 2009 Sunday

HALL III

Content: PAIN MANAGEMENT

10.30am-12.30pm

PHYSIATRIC APPROACHES TO PAIN MANAGEMENT

Chairs: Tatjana Paternostro-Sluga (Austria), Gulay Dincer (Turkey)

10.30am-11.00am Muscle Pain Syndrome: Evaluation, treatment and rehabilitation *Martin Grabois (USA)*

11.00am-11.30am Novel physiatric approaches for chronic neuromusculoskeletal pain management *Marta Imamura (Brazil)*

11.30am-12.00pm Physical modalities in the treatment of musculoskeletal pain syndromes *Tatjana Paternostro-Sluga (Austria)*

1.30pm -3.00pm

INTERVENTIONAL APPROACHES TO PAIN MANAGEMENT

Chairs: Crt Marincek (Slovenia), Simin Hepguler (Turkey)

1.30pm-2.15pm East meets West in myofascial pain syndrome through spinal segmental sensitization *Bryan O'Young (USA)*

2.15pm-2.45pm Segmental neuromyotherapy for the treatment of pelvic pain and dyspareunia *David A. Cassius (USA)*

2.45pm-3.15pm The role of Eastern medicine in pain management *Jianan Li (China)*

3.30pm-5.00pm

SPECIAL PAIN TOPICS

Chairs: Nachum Soroker (Israel), Tansu Arasil (Turkey)

3.30pm-4.00pm Neuropathic pain management *Martin Grabois (USA)*

4.00pm-4.30pm Complex regional pain syndrome: Diagnosis and treatment *Gulseren Akyuz (Turkey)*

4.30pm-5.00pm Management of pain in fibromyalgia *Linamara Battistella (Brazil)*

5.00pm-6.30pm

WORKSHOPS & BEST PRACTICE SESSIONS (Detailed information available at the web page)



June 14, 2009 Sunday

HALL IV

Content: HOT TOPICS IN REHABILITATION

10.30am-12.00pm

PEDIATRIC REHABILITATION (Cerebral palsy)

Chairs: Dennis J. Mathews (USA), Jale Irdesel (Turkey)

10.30am-11.00am The evaluation of the child with cerebral palsy *Dennis J. Mathews (USA)*

11.00am-11.30am State-of-the-art management of cerebral palsy *Chang-il Park (Korea)*

11.30am-11.50am Management of spastic diplegia in cerebral palsy *Navnendra Mathur (India)*

11.50am-12.00pm Selected abstract oral presentation (1 oral paper; 10 minutes: 7.5 minutes of presentation, 2.5 minutes of discussion)

Effectiveness of the neurodevelopmental therapy on the gait parameters in children with unilateral spastic cerebral palsy

Duygu Türker, Emine Handan Tüzün, Birol Balaban

12.30pm-1.30pm

POSTER GRAND ROUNDS

Selected posters with a common theme will be discussed regarding methodology (10 posters, 6 minutes each).

Theme of this session: Stroke

Moderators: (To be announced)

1.30pm -3.00pm

PEDIATRIC REHABILITATION

Management of miscellaneous pediatric disorders

Chairs: Sudge Budden (USA), Jale Sarac (Turkey)

1.30pm-2.00pm Rehabilitative management of neural tube defects *Nadire Berker (Turkey)*

2.00pm-2.30pm RETT syndrome:Diagnosis and therapeutic approaches *Sudge Budden (USA)*

2.30pm-3.00pm Selected abstracts oral presentation (2 oral papers; 15 minutes each: 10 minutes of presentation, 5 minutes of discussion)



Congenital Limb Deficiencies – Epidemiology and Management

Itzhak Siev Ner, Dafna Guthman, Alexander Daich, Oren Schwartz, Mike Heim

Design and rationale of the comPLEX study: multidisciplinary care for children with obstetric brachial plexus lesion by specialised Dutch PLEXUS teams

Heleen Beckerman, Vincent De Groot, Marie S Van Wijlen Hempel, Nienke Haga, Gustaaf J Lankhorst, Johan H Arendzen

3.30pm-5.00pm

CANCER REHABILITATION

Rehabilitative approach to cancer and its consequences

Chairs: Amparo Martinez Assucena (Spain), Meltem A. Dalyan (Turkey)

3.30pm-4.00pm Prosthetic rehabilitation of facial deformities in cancer patients *Crt Marincek (Slovenia)*

4.00pm-4.30pm Coping with lymphedema in breast cancer patients *Lynn H. Gerber (USA)*

4.30pm-5.00pm Selected abstracts oral presentation (3 oral papers; 10 minutes each: 7.5 minutes of presentation, 2.5 minutes of discussion)

The comparison of the effect between SGB and CDT on postmastectomy lymphedema

Keewon Kim, Han Gil Seo, Hogeun Kim, Chai-young Lim, Sun Gun Chung, Dong Young Noh, Kwan Sik Seo

Shoulder rigidity and Health Related Quality of Life in breast cancer related lymphedema: a perspective cohort study

Monica Pinto, Giovanni Iolascon, Francesca Gimigliano, Francesca Iazzetta, Raffaele Gimigliano

Personal and social resources in patients with orthopaedic extremity tumors and their perception of health-related quality of life (HrQoL)

Anita E. Zahlten, Georg Gosheger, Jendrik Hardes, Andreas Leithner, Per-ulf Tunn, Martin Dominkus, Felix Zeifang

5.00pm-6.30pm WORKSHOPS & BEST PRACTICE SESSIONS (Detailed information available at the web page)



June 14, 2009 Sunday

HALL V

Content: Allied Health Professionals Program

10.30am-12.00pm

DISABILITY ISSUES

21st CENTURY APPROACH TO DISABILITY

Chairs: Henk J. Stam (The Netherlands), Yesim Kirazli (Turkey)

10.30am-11.15am 21st Century approach to disability *Ender Berker (Turkey)*

11.15am-12.00pm Selected abstracts oral presentation (3 oral papers; 15 minutes each: 10 minutes of presentation, 5 minutes of discussion)

Legislation and rehabilitation services for older people in Australia

Noeline Monaghan, Ian D. Cameron, Nicola Fairhall, Christina Aggar, Susan E Kurrle

Activity limitation, participation restriction and quality of life: observations over a three month period in frail older people

Ian Cameron, Nicola Fairhall, Noeline Monaghan, Catherine Sherrington, Keri Lockwood, Stephen Lord, Colleen Langron, Christina Aggar, Susan E Kurrle

The MAARRS project - an innovative model in the timing of rehabilitation for orthopaedic injury following road trauma results in improved return to work, pain management and quality of life - a controlled cohort study

Steven Faux, Kathryn Brooke, Stephen Wilson, Malcolm Bowman

1.30pm -3.00pm

MULTIDISCIPLINARY CARE IN REHABILITATION

Chairs: Christoph Gutenbrunner (Germany), Vural Kavuncu (Turkey)

1.30pm-2.00pm Balneology and Rehabilitation, standards, research and medical care *Pedro Cantista (Portugal)*

2.00pm-2.20pm Rehabilitation outcomes following aquatherapy *Merih Yurtkuran (Turkey)*

2.20pm-2.50pm Vocational rehabilitation *Veronika Fialka-Moser (Austria)*

2.50pm-3.20pm Ageing and Physiatry *Yesim Gokce Kutsal (Turkey)*



3.30pm-5.00pm

ERGONOMICS AND WORK-RELATED MUSCULOSKELETAL DISORDERS

Chairs: Tai Ryoan Han (Korea), Mehmet Zeki Kiralp (Turkey)

3.30pm-4.10pm Ergonomics for the prevention of work related musculoskeletal disorders *Enrico Occhipinti (Italy)*

4.10pm-4.40pm Focussing Rehabilitation on the functional needs of the workplace *Christoph Gutenbrunner (Germany)*

4.40pm-5.00pm Selected abstracts oral presentation (2 oral papers; 10 minutes each: 7.5 minutes of presentation, 2.5 minutes of discussion)

Rehabilitation for workers with musculoskeletal disorders: Secondary prevention and return to work

Monika Schwarze, Nina Ristel, Michael Fischer, Thomas Rebe, Renate Wrbitzky, Christoph Gutenbrunner

Correlation between the fingertip forces exerted during typing and musculoskeletal disorders (MSD)

Yafi Levanon, Mayan Yankelvitz, Gal Meir, Navah Rtzon

5.00pm-6.30pm

WORKSHOPS & BEST PRACTICE SESSIONS (Detailed information available at the web page)

**June 14, 2009 Sunday
HALL VI**



Content: Special sessions

10.30am-12.00pm

ISPRM SESSION

DEVELOPING ISPRM

Chairs: Joel DeLisa (USA), Jorge Lains (Portugal)

10.30am-10.55am Organizational development *Joel DeLisa (USA)*

10.55am-11.15am International web of PRM journals *Aydan Oral (Turkey)*

11.15am-11.37pm Congress development *John Melvin (USA)*

11.37am-12.00noon Collaboration plan WHO/ISPRM 2008-2010 *Gerold Stucki (Germany)*

1.00pm -3.00pm

ISPRM SESSION

ISPRM/WHO PARTNERSHIP

Chairs: Alana Officer (Switzerland), Gerold Stucki (Germany)

1.00pm-1.05pm Introduction *Gerold Stucki (Germany)*

1.05pm-1.30pm Priorities in WHO's work in disability and rehabilitation *Alana Officer (Switzerland)*

1.30pm-1.50pm Human rights and rehabilitation *Jerome Bickenbach (Switzerland)*

1.50pm-2.10pm Human resources for health-related rehabilitation services *Neeru Gupta (Switzerland)*

2.10pm-2.30pm Development of a rehabilitation agenda and research capacity *Walter R. Frontera (USA)*

2.30pm-3.00pm Panel discussion: Areas for collaboration

Rehabilitation and health services matrix

Implementation of ICF-based clinical tools and standards

Conceptual description of rehabilitation and the rehabilitation professions

Classification for rehabilitation interventions

Developing research capacity in DAR

Other issues



3.00pm-4.15pm

ICF SESSION

CURRENT STATE OF THE APPLICATION OF THE ICF IN PHYSICAL AND REHABILITATION MEDICINE

Chairs: Gerold Stucki (Germany), John Melvin (USA)

3.00pm-3.10pm Introduction *Gerold Stucki (Germany)*

3.10pm-3.40pm The ICF *Tevfik Bedirhan Ustun (Switzerland)*

3.40pm-4.00pm ICF-based classification and measurement *Alarcos Cieza (Germany)*

4.00pm-4.15pm Applying the ICF in rehabilitation practice *Alexandra Rauch (Switzerland)*

4.30pm -5.30pm

ICF SESSION

ISPRM task force for the ICF

Chairs: John Melvin (USA), Jianan Li (China)

4.15pm-4.20pm Introductory Talk *Gerold Stucki (Germany)*

4.20pm-4.40pm Selected abstracts oral presentation (4 oral papers; 5 minutes each)

-Identification of problems of patients with Traumatic Brain Injury based on the International Classification of Functioning, Disability and Health

Sara Laxe, Montserrat Bernabeu, Raquel Lopez, Laura Terrafeta, Alberto Garcia, Jose Maria Tormos

-ICF Core Sets development for TBI: the results from "Italian Network"

Caterina Pistarini, Beatrice Aiachini, Camilla Pisoni, Alessandro Giustini

-Validation of the ICF Core Set for Low Back Pain (LBP) in a Turkish Patient Population: A preliminary report

Burcu Yanik, Yesim Kurtais Aytur, Ayse Kucukdeveci, Alarcos Cieza

-Comparison of functioning of low back pain patients between Brazilian regions

Marcelo Riberto, Lorella Marianne Chiappetta, Kathya Augusta Thomé Lopes, Maria Inês Pes Lourenção, Linamara Rizzo Battistella

4.40pm-5.10pm Interactive panel discussion with ISPRM members involved in the ICF development from all ISPRM regions

5.10pm-5.15pm Conclusion statement *John Melvin (USA)*

5.00pm-6.30pm

WORKSHOPS & BEST PRACTICE SESSIONS (Detailed information available at the web page)



June 14, 2009 Sunday

HALL VII

10.30am-12.00pm

ORAL PRESENTATIONS

Theme: Basic research

Chairs: (to be announced)

10.30am-12.00pm Selected abstracts oral presentation (12 oral papers; 7.5 minutes for each: 5 minutes of presentation, 2.5 minutes of discussion)

Surface EEG-based brain-machine interface (BMI) as applied to rehabilitation practice

Meigen Liu, Yasunari Hashimoto, Junichi Ushiba, Yoshihisa Masakado, Akio Kimura

Effects of magnetic field and laser irradiation on human fibroblast cell growth: an in vitro study

Zongkang Zhang, Lokki Ho, Xia Guo

Developing animal model of chronic achilles tendinopathy of rat related with overuse activity

Nam Soon Cho, Ji Hye Hwang, Yong Taek Lee

The effect of monochromatic infrared photo energy (MIRE) on the irritability of myofascial trigger spot of rabbit skeletal muscle

Ta-shen Kuan, Chang-zern Hong, Shu-min Chen, Jo-tong Chen, Wei-jang Yen, Chi-hsien Chien

Influence of treadmill training on ultrastructure and synaptophysin expression in rats with focal cerebral ischemia

Yi Wu, Gang Liu, Jie Jia, Yong-shan Hu

The treatment of ephedrine combined with naloxone to promote the recovery of motor function and nerve remodeling after cerebral ischemia-reperfusion injury in rats

Nong Xiao, Yu Xia Chen, Xiaoping Zhang, Ling Liu, Liyun Lin

Effects of exercises at different courses on the changes of behaviors and serum cortisol in the chronic mild stress model of depression in rats

Xiao Tong Wang, Song Bin He, Wen Jie Tang, Xing Lu Tang



Treadmill pre-training suppresses the release of glutamate resulted from cerebral ischemia in rats
Jia Jie, Yong Shan Hu, Wu Yi, Hui Xian Yu, Liu Gang, Da Nian Zhu, Chun Mei Xia, Zhi Juan Cao

Effect of physiological ischemic training on angiogenesis of pathological ischemic limb in rabbit
Jianan Li, Mei Shen, Jing Gao

The effects of modified constraint-induced movement therapy stratified by the initial application time on functional recovery in focal ischemic brain injured rats

Sam-gyu Lee, Kyung-yoon Kim, Gye-yeop Kim, In-sung Choi, Jae-young Han, Ren-xiu Bian¹, Jung-kook Kim

Site-specific changes in roughness, surface profile, and thickness of articular cartilage due to microgravity

Qing Wang, Xia Guo, Yong Ping Zheng, Xiao Yun Wang

The change of early cognition function on hypoxic-ischemia brain damage of newborn rats and the effects of intervention of the recombinant human erythropoietin

Xiang Chen

1.30pm -3.00pm

ORAL PRESENTATIONS

Theme: Orthotics and Prosthetics

Chairs: (to be announced)

1.30pm-3.00pm Selected abstracts oral presentation (12 oral papers; 7.5 minutes for each: 5 minutes of presentation, 2.5 minutes of discussion)

Who uses electric powered indoor/outdoor wheelchairs in the UK National Health Service? Retrospective review of 544 users

Andrew Oliver Frank

Wheeled crutches: An alternative design for energy-efficient ambulation

Lohindren Villapane Adorable, Rhoel James Timothy Omega Dejana

Power-assisted functional electrical stimulation as a tool for neuro-rehabilitation

Yukihiro Hara, Shinji Ogawa, Kazuto Tujiuchi



Current experiences with the prosthetic upper extremity Functional Index (PUFI) in follow up of children with Upper Limb Reduction Deficiency (ULRD)

Carola A Van Dijk-koot, Inez Van Der Ham, Laurien M Buffart, Corry K Van Der Sluis, Henk J Stam, Josemiek Mfb Pesch-batenburg, Marij E Roebroek

The extent of prosthetic use among unilateral transtibial and transfemoral amputees

Norhayati Hussein, Saini Jeffery Freddy Abdullah, Lydia Abdul Latif

A new suspension system for transtibial prostheses

Safar Mirzaee, Mohammad Shamizadeh, Yaghub Salekzamani

Application of assistive technologies in bilateral lower limb amputees

Mostafa Allami, Hadi Shojaei, Mehdi Masoumi, Mohammad Reza Soroush

Gait analysis and prosthesis problems in bilateral lower limbs amputations

Mehdi Masoumi, Hadi Shojaei, Mostafa Allami, Mohammad Baghbani, Mohammad Hasan Azma, Ehsan Modirian

The effect of newly designed dynamic cushion system on buttock pressure distribution in patients with paraplegia

Simon Fuk-tan Tang, Alice May-kuen Wong, Caeson Shih-cherng Lin, Katie Pei-shuan Wu, Chih-kuang Chen, Carl Pai-chu Chen

Effects of foot orthoses on knee pain and function of female athletes with patellofemoral pain syndrome

Bijan Forogh, Parisa Nejati, Reza Moeinedine, Javad Kuhpayezade, Mina Nejati

Comparison the effect of 3 point valgus stress knee support and lateral wedge insoles in medial compartment knee osteoarthritis

Soheil Sattari, Saeed Khosrawi, Babak Vahdatpour

Improved result with the new design of tibial counter rotator(TCR-ND) in children with internal tibial torsion

Bong Ok Kim, Francis Insik Park



3.30pm-5.00pm

ORAL PRESENTATIONS

Theme: Spasticity

Chairs: (to be announced)

3.30pm-5.00pm Selected abstracts oral presentation (12 oral papers; 7.5 minutes for each: 5 minutes of presentation, 2.5 minutes of discussion)

Patient registry of outcomes in spasticity care

Alberto Esquenazi, Nathaniel Mayer, Stella Kim

Botulinum Toxin Type-A (BoNT-A) treatment interventions in stroke, traumatic brain injury and adults with cerebral palsy related muscle overactivity: A six-year retrospective review

Alberto Esquenazi, Nathaniel Mayer, Stella Kim, Matteo Cioni, Theera Vachranukunkiet

Assessing functional independence and quality of life (QoL) in patients with lower limb (LL) spasticity following treatment with botulinum toxin Type A (BoNTA)

John Henry Olver

NT201 (Xeomin®; Botulinum neurotoxin type A free from complexing proteins) is efficacious and well-tolerated in upper limb spasticity of various etiologies: Results from a prospective, randomized, parallel group trial

Michael Barnes, Alexis Schnitzler, Alexandre Amaral De Silva, Miquel Aquilar, Andrea Lehnert - Batar, Petra Minnasch

Italian multicenter prospective study on ITB in brain injury: preliminary results

Mauro Zampolini, Antonio De Tanti, Angela Morreale, Rosanna Barettoni, Bernardo Lanzillo, Franco Molteni, Maria Chiara Carboncini, Feliciano Cortese, Caterina Pistarini, Renato Avesani, Massimo Brambilla, Sandro Feller, Mario Loffredo, Francesco Piccione, Federico Posteraro, Sebastiano Serra, Elena Beretta, Alessandro Dario

French Guidelines on spasticity management

Olivier Simon, Bensmaïl Djamel, Chaleat-valayer Emmanuelle, Decq Philippe, Dehail Patrick, Marque Philippe, Paratte Bernard, Pellas Frédéric, Quentin Véronique, Rousseaux Marc1, Trocello Jean-marc, Yelnik Alain



Efficacy and safety of repeated NT 201 (Xeomin®; Botulinum neurotoxin type A free from complexing proteins) treatments for up to one year in upper limb post-stroke spasticity

Petr Kanovsky, Irena Sassin, Georg Comes, Susanne Grafe, Thomas Platz

Assessment of a goal attainment scale (GAS) in measuring improvements in post-stroke focal spasticity: Physician and patient perspectives from the BOTOX® Economic Spasticity Trial (BEST)

Anthony B Ward, Jörgen Borg, Jörg Wissel, Antony Fulford Smith, On Behalf Of Best Study Group

Consensus statement for the treatment of adult spasticity with intrathecal baclofen

Anthony B Ward, Carlotta Kiekens, Thierry Lejeune, Martien Limburg, Franco Molteni, Mauro Zampolini, Martin Huber, Olivier Rémy-néris, Leopold Saltuari, Govert J. Snoek, Joan Vidal Samsó, Jörg Wissel

A randomized, controlled, open-label, parallel-group, multi-center study to compare the effect of intrathecal baclofen therapy versus best medical treatment (BMT) on spasticity in post-stroke patients after 6 months active treatment (SISTERS)

Anthony B Ward, Mauro Zampolini, Leopold Saltuari, Gerard E Francisco, Kathleen Castelein, Abdul Abouihia, Leslie Beguin Hansen, Sam Picka, Stefan Senglein, Olivier Remy-néris

Why Botulinum Toxin is discontinued? A contribution for an explanation.

Jorge Lains, Ines Campos, Carla Amaral

The effects of local acoustic vibrations on upper limb spasticity: a randomized study

Tommaso Sciarra, Sara Gentileschi, Michele Castellano Vitaterna, Roberto Casale, Calogero Foti, Carlo Damiani

5.00pm-6.10pm

ORAL PRESENTATIONS

Theme: TeleRehabilitation

Chairs: (to be announced) 5.00pm-6.10pm Selected abstracts oral presentation (7 oral papers; 10 minutes for each: 7.5 minutes of presentation, 2.5 minutes of discussion)

Sustainable clinical models, ICT based, for the management of chronic diseases: the CLEAR project



Sandro Scattareggia Marchese, Velio Macellari, Hermie Hermens, Enrique J. Gomez, Daan Wever, Wojciech Glinkowski, Josè M. Tormos, Francesco Benvenuti, Andrea Leto, Harry Nienhuis, Adam Koprowski, Francesc Moya, Antoni Salva

Deploying a telerehabilitation service innovation: A business model engineering approach
Björn Kijl, Bart Nieuwenhuis, Miriam Vollenbroek, Jochem Ooijevaar

Telerehabilitation for patients with chronic pain; a first exploration of the satisfaction and compliance to a webbased home exercise program
Miriam Vollenbroek Hutten, Kim Bakker, Daan Wever, Rianne Huis In 't Veld, Hermie Hermens

Myotel: telerehabilitation for patients with a chronic whiplash by monitoring and feedback of sEMG in the daily environment
Miriam Vollenbroek Hutten, Rianne Huis In 't Veld, Tom Barbe, Tobias Marecek, Stephanie Kosterink, Hermie Hermens

Myotel: Telerehabilitation of work related neck pain - a myofeedback based telemedicine approach applied at the workplace
Leif Sandsjö, Rianne Huis In 't Veld, Pernilla Larsman, Roland Kadefors, Agneta Lindegård Andersson, Stephanie Kosterink, Hermie Hermens, Miriam Vollenbroek Hutten

Tele-rehabilitation service for upper limb recovery: patients and therapists satisfaction
Marco Rogante, Montserrat Bernabeu, Daniele Cordella, Hermie Hermens, Barbara Huijgen, Stephan Ilsbroux, Velio Macellari, Riccardo Magni, Sandro Scattareggia, Mauro Zampolini, Claudia Giacomozzi

Computer-aided therapy for aphasia following stroke: a pilot study
Barbara Cattani, Giorgio Maggioni, Caterina Pistarini, Silvana Quaglini

5.00pm-6.30pm

WORKSHOPS & BEST PRACTICE SESSIONS (Detailed information available at the web page)