

# 3<sup>RD</sup> RECOUP International Conference on CEREBRAL PALSY

**Dates: January 20-27, 2014**

**Venue: RECOUP Hospital, Anjanapura Layout, Bangalore, INDIA**

## THEME

### RECENT ADVANCES IN FUNCTIONAL REHABILITATION OF CEREBRAL PALSY

**PRE CONFERENCE WORKSHOP: BOBATH PEDIATRIC APPROACH**  
**JANUARY 20-24, 2014** (Only 20 seats are available on a first cum first serve basis)

**CONFERENCE: January 25-27, 2014**

#### KEYNOTE LECTURES AND SYMPOSIA:

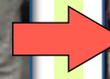
- 1) An evidence based review of current treatment modalities for Cerebral Palsy (CP)
- 2) Assessment, observational gait analysis and outcome measures
- 3) Spasticity, contractures and lever arm dysfunction
- 4) Physical rehabilitation of scoliosis, pelvic obliquity and limb length discrepancy
- 5) Functional rehabilitation of non-ambulatory persons with spastic and dyskinetic CP
- 6) Role of manual therapy in CP rehabilitation
- 7) Advanced strengthening techniques
- 8) Biomechanical rationale behind orthotic prescription
- 9) Functional rehabilitation using SEMLARASS
- 9) Stages and overview of postoperative rehabilitation
- 7) Complications during Rehabilitation and how to prevent them

#### WORKSHOPS:

- 1) Pediatric Taping
- 2) Body Weight Suspended Treadmill Training
- 3) EMG Biofeedback
- 4) Hippotherapy, Virtual Reality Based Therapy and Whole Body Vibration Therapy

#### FREE PAPER PRESENTATION

Prizes for best oral presentation and ePoster



# Preconference Workshop on Bobath Pediatric Approach

JANUARY  
20 TO 24,  
2014

Principal Instructor: *Mr. Hong Jung Sun, PT, MPH*

Senior International Bobath Pediatric Instructor with more than 32 years experience in the field of CP.



Certified BOBATH  
International  
Faculty

- \* Vice Chairman, Asian Bobath Pediatric Instructors Association
- \* President and CEO, Hong's Children Center for Cerebral Palsy, Philippines
- \* Former Vice Director, Bobath Childrens Hospital, South Korea
- \* Author of the book: Cerebral Palsy Treatment Ideas from Normal Development
- \* Finished Bobath Pediatric (NDT) course (1989) – Houston, Texas, USA
- \* Refresher course in Bobath Pediatric (1991) – London Bobath Centre
- \* Advanced Course (1993) – Bobath Memorial Hospital, Osaka, Japan
- \* Instructors Training course (1994) – From Jennifer Bryce @ London Bobath Centre
- \* Certified Bobath Pediatric International Instructor (1997)
- \* Certified Senior Instructor of Asian Bobath Pediatric Instructors Association (2005)
- \* Teaching Bobath course since 1993.
- \* Has conducted introductory courses and treatment workshops on Bobath Approach for CP in South Korea, Indonesia, Philippines and Sri Lanka.



Two other eminent faculty from South Korea will also participate

## Workshop Objective:

The main objective of this course is to introduce the updated Bobath concept.

## Workshop Content:

Normal development, Bobath concept, Tone influencing patterns, Assessment of a child with CP, Treatment strategies for different types of CP.

## Teaching Mode:

Lectures, Demonstrations and Clinical Workshops on assessment and treatment of a child with CP.

## Who should attend?

Physicians, Physiotherapists and Occupational Therapists dealing with children with neurological disorders.



# Conference on Recent Advances in Functional Rehabilitation of Cerebral Palsy

JANUARY  
25 TO 27,  
2014

Conference Chairperson: *Dr. Deepak Sharan*

Pediatric Orthopaedic Surgeon and Rehabilitation Specialist  
with more than 23 years experience in the field of CP.

- \* Winner of the 2nd Henri Bensahel Award (the world's highest research award for Pediatric Orthopaedics) at the 33<sup>rd</sup> Orthopaedic World Conference at Dubai in 2012 for the paper "Functional outcome of a new single event multilevel lever arm restoration and anti spasticity surgery for CP."
- \* Bestowed with the 2008 National Disability Award for developing SEMLARASS.
- \* Felicitated in 2005 by the then President of India, Dr. APJ Abdul Kalam, for his work in CP.
- \* Advisor on CP to the Govt. of India and on Disability Related Issues to the Govt. of Karnataka.
- \* Treated more than 20,000 patients with CP from over 15 countries.
- \* Over 300 publications or conference presentations on CP and SEMLARASS, including at International CP Conferences in Sydney, Utrecht, Brisbane, Toronto, Pisa, Muscat, Hyderabad and Penang.
- \* The first clinician in the world to use Virtual Reality Based Therapy and Whole Body Vibration Therapy in the rehabilitation of children with CP in 2009 and publish its results.



## Conference Overview:

- Latest developments in functional rehabilitation of CP.
- There will be a strong emphasis on practical clinical applications and case discussions.
- There will be ample opportunity for active exchange between the audience and eminent International and National faculty throughout the conference.

## Target Audience:

Neurologists, Neurosurgeons, Orthopaedic Surgeons, Psychiatrists, Pediatricians, Physicians, Physiotherapists, Occupational Therapists, Speech Therapists and other professionals involved in the management of CP.

## Teaching Mode:

Case-discussion, symposium, workshops and keynote lectures

## CALL FOR PAPERS

Abstracts on all aspects of CP of up to 500 words are invited for oral presentations (8 minutes) and ePosters (Format: Introduction, Objectives, Materials and Methods, Results, Discussion, Conclusion).

Presenting author's designation, address, email ID and phone no. must be included. Multiple abstract submissions are permitted; however only one oral presentation will be assigned per registered delegate for successful applicants.

Email abstracts to [academics@recoup.in](mailto:academics@recoup.in).

Deadline for receipt of abstracts: December 25, 2013

Authors will be notified by January 1, 2014.

# Workshops during the Conference

(Separate registration required)

JANUARY  
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2014

## 1. Pediatric Taping (3 hours):

- Taping can be used to facilitate movement patterns and muscle use, increase stability and improve alignment and function.
- Proper application techniques are essential to obtain the most effective results.

## 2. Body Weight Supported Treadmill Training (3 hours):

- Studies have shown that children with CP can gain a higher level of leveled floor mobility if they are trained on treadmill where their body weight is supported by a harness.
- During the initial stages of rehabilitation this harness takes up over 75% of body weight and the support is gradually reduced during later stages of rehabilitation.

## 3. EMG Biofeedback (2 hours):

- It is a device used to train the muscles for either increasing its activity (strengthening) or to reduce its activity (relaxation) via noninvasive sensors attached on the body.
- These sensors give visual and audio signals as output which helps the child to gauge the muscle activity while engaging in play.
- It works by activating the cognitive part of the brain, which in turn leads to reopening of the neural loops in the brain. It reestablishes the sensory motor loops forgotten and thereby to facilitate motor unit activation.

## 4. Hippotherapy, Virtual Reality Based Therapy and Whole Body Vibration Therapy (2 hours):

- Hippotherapy is a form of therapy in which a therapist uses the characteristic movements of a horse to provide carefully graded motor and sensory input. A foundation is established to improve neurological function and sensory processing, which can be generalized to a wide range of daily activities.
- Virtual reality based therapy (VRBT) is the use of interactive simulations created with computer hardware and software to present users with opportunities to engage in environments that appear to be and feel similar to real world objects and events.
- Whole body vibration therapy (WBVT) refers to the transmission to the human body of low frequency environmental vibration through a broad contact area, such as the feet when standing, the buttocks when sitting, or the reclining body when in contact with the vibrating surface.



# 3<sup>rd</sup> INTERNATIONAL CONFERENCE ON CEREBRAL PALSY

January 20-27, 2014

## Registration Form



Name : .....

Address: .....

Mobile: ..... Email: .....

Hospital/Institution: .....

Profession/Designation: .....

### Payment Details:

Demand Draft / Local Cheque No.: .....

Worth Rs. ....

Drawn on ..... Bank, Dated: .....

Please make the DD/Local Cheque in favour of **RECOUP**, payable at **Bangalore**. Outstation cheques are not accepted.

### REGISTRATION FEES DETAILS (Please check the applicable boxes)

Pre-conference Workshop on Bobath Pediatric Approach (5 days)

Early Bird (till DEC 15, 2013) INR 15,000  Regular (DEC 15, 2013 to JAN 15, 2014) INR 17,500  Spot (after JAN 15, 2014) INR 20,000

Conference (3 days)

Early Bird (till DEC 15, 2013) INR 3000  Regular (DEC 15, 2013 to JAN 15, 2014) INR 4000  Spot (after JAN 15, 2014) INR 5000

Workshop on Pediatric Taping (3 hours)

Early Bird (till DEC 15, 2013) INR 750  Regular (DEC 15, 2013 to JAN 15, 2014) INR 1000  Spot (after JAN 15, 2014) INR 1500

Workshop on Body Weight Suspended Treadmill Training (3 hours)

Early Bird (till DEC 15, 2013) INR 500  Regular (DEC 15, 2013 to JAN 15, 2014) INR 750  Spot (after JAN 15, 2014) INR 1000

Workshop on EMG Biofeedback (2 hours)

Early Bird (till DEC 15, 2013) INR 500  Regular (DEC 15, 2013 to JAN 15, 2014) INR 750  Spot (after JAN 15, 2014) INR 1000

Workshop on Hippotherapy, Virtual Reality Based Therapy and Whole Body Vibration Therapy (2 hours)

Early Bird (till DEC 15, 2013) INR 500  Regular (DEC 15, 2013 to JAN 15, 2014) INR 750  Spot (after JAN 15, 2014) INR 1000

**TOTAL PAYABLE: INR.....**

Students will be offered a discount of **INR 1000** for Conference registration.

For full Registrations in a group of 5, a discount of **INR 1000** will be offered.

**Students must submit supporting certificate from Head of Institution.**

**Fees include Course Material, Beverages, Lunch, Course Transcript and Certificate.**

**Registration for the conference is mandatory for attending workshops (except Pre-conference Workshop).**

**For further details about venue, accommodation options, scientific programme and online registration using credit card please visit [www.recoup.in](http://www.recoup.in)**

Contact : **Mr. Mathankumar Mohandoss**, Course Coordinator

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