

WORKSHOP SGHR/SSRM

The Swiss Society for Handrehabilitation SGHR/SSRM is very pleased to invite you to participate in a special pre-congress workshop held by Christina Jerosch-Herold, DipCOT, MSc, PhD and Birgitta Rosén OT, MSc, PhD on:

Assessment of Hand Function and Sensory Relearning after Peripheral Nerve Injury to the Hand

The workshop will take place at the Inselspital in Bern, Switzerland on Sunday 15.6.2008 and Monday 16.6.2008 from 9.00 to 17.00.

Description:

This two day workshop will focus on the assessment and re-learning of hand function especially sensibility after nerve injury to the upper limb. Integrating recent research evidence to inform lectures combined with practical demonstrations and training in the use of instruments for the assessment of sensory and motor function of the hand and re-education of sensibility. Classical and new theories of sensory relearning and re-education will be reviewed with a specific focus on cortical remodelling.

Content:

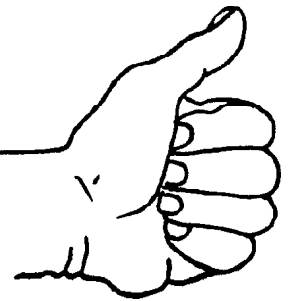
Day 1: Assessment of hand function after peripheral nerve injury

The first day will focus on the assessment of hand function especially sensibility after nerve injury to the upper limb. The theoretical underpinning to normal sensibility as well as recovery processes after nerve injury will be reviewed. An evidence-based approach to the selection and application of sensibility tests is presented. The afternoon is a practical workshop including demonstrations and practical training with test instruments for assessment of specific and integrated sensory and motor function of the hand.

This workshop will also guide the participants through practical use of the new Model Instrument for Outcome after Nerve Repair. The session includes a discussion of the scientific background for this diagnosis-specific outcome instrument, and practical training with the protocol, based on illustrative patient examples.

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Day 2: Sensory re-learning and sensory re-education new strategies for rehabilitation following peripheral nerve injuries in the hand with focus on cortical remodelling.

The day consists of a review of classic and new theories of sensory re-learning and re-education with a specific focus on cortical remodelling. The afternoon workshop will offer an opportunity to experience and work with therapeutic materials especially designed for sensory re-learning e.g. mirror, sensory glove. Participants will be introduced to the new 2-phase sensory re-education programme developed at the Department of Hand Surgery in Malmö

Phase 1: (before re-innervation has occurred and the hand still lack sensation). Can the initial cortical reorganisation be modified and can the cortical hand map be preserved? Can other senses "baby-sit" for the missing sensibility and be enrolled to guide and enhance sensory recovery? Demonstration of new techniques.

Phase 2: (beginning re-innervation) Can the adult brain be taught to behave like an infants brain? Can temporary, selective anaesthesia of the contralateral or ipsilateral arm help to enhance the effects of sensory relearning by recruiting silent cortical areas?

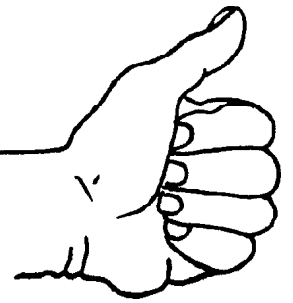
Faculty

Christina Jerosch-Herold is a Reader in Occupational Therapy at the University of East Anglia where she lectures undergraduate and postgraduate health care professionals. She completed her PhD in 2002 on clinical methods for assessing hand sensibility and her recent research has focused on the development and validation of a locognosia test and systematic review of studies on the psychometric properties of sensibility tests.

Birgitta Rosén is an occupational therapists, hand therapist and researcher. She holds a research position at the Department of Hand Surgery at Malmö University Hospital and also lectures at the University of Lund. She completed her PhD in 2000 on clinical assessment after nerve repair and has published extensively in the field of hand sensibility and sensory re-learning. Together with Professor Göran Lundborg she has developed the *Model Instrument for Outcome after Peripheral Nerve injury* Her recent research has focused on new approaches to sensory re-education and cortical remodelling including the use of artificial sensibility.

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The two day workshop will be held exclusively in English

The course is bookable for both days only and limited to 20 places – so early application is advisable. It is open to qualified occupational therapists and physiotherapists with a special interest in upper limb peripheral nerve injuries

Fees: Members SGHR Fr. 500.- / Others Fr. 550.- € 350.-
Including refreshments and handouts Not included: Lunch

Cancellation policy:
Up to 1 month prior to course 10% of course fees retained by SGHR
Less than 1 month and up to 10 days prior to course 50% of course fees retained by SGHR
less than 10 days prior to course 100% of course fees retained by SGHR
We recommend that applicants take out a cancellation insurance policy

For accomodation please contact hotel.isola@bluewin.ch. There is a prereservation for workshop participants.

Registration

Workshop: Assessment of Hand Function and Sensory Relearning after Peripheral Nerve Injury to the Hand 15.6. – 16.6.2008

Name: OT PT

Address:.....

email:

SGHR/SSRM Member (Fr. 500.-) Others (Fr. 550.- / € 350.-)

Date: Signature:

Please send your registration to:
Nicole Grünert-Plüss
Guisanstr. 58, CH – 9010 St.Gallen
gruenert.pluess@bluewin.ch

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