

## SIG Clinical Pathways

### NR Summit Shanghai SIG meeting on 16.03.2017

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## SIG Clinical Pathways - Activities and Suggestions

- Summer School Neurorehabilitation
- Springer book project „Clinical Pathways in Stroke Rehabilitation“
- Cochrane Rehabilitation Field and Cochrane NeuroRehabilitation Unit

## Summer School NeuroRehabilitation - SSNR

### Objectives

- Provide an overview over up-to-date clinical evidence and clinical practice guidelines/recommendations for all member groups of neurorehabilitation (NR) teams.
- Provide a comprehensive NR educational programme in a compact format.
- Facilitate interaction, exchange and discussion between professions.
- Facilitate access for all professions by non-profit low fee education.

### Methods

- Open the Summer School Neurorehabilitation (SSNR) for all professions of members in the NR team, i.e. physicians, nurses, academic and non-academic therapists.
- Give lectures in native language of the region (only), or provide simultaneous translation (not preferred).
- The SSNR should be compact, its duration being no less than 2 days and no more than 1 week.
- The SSNR should be comprehensive covering the major topics of NR. The focus for the summer schools is an update (rather than a comprehensive basic teaching – depending on regional circumstances).

## Summer School NeuroRehabilitation - SSNR

### What makes a SSNR special for the attendees

- Typically, educational courses are available for single professions while the SSNR targets the interdisciplinary neurorehabilitation team including various therapeutic professions, nurses, and physicians.
- During a SSNR, each profession can receive state-of-the-art information regarding its own field, and at the same time for major topics in neurorehabilitation covered by other disciplines in clinical practice. The moderate size format of the SSNR facilitates exchange between professions and helps to promote team education.

### 2nd SSNR in Greifswald Germany in June 2016

- was run by 13 faculty members and attracted approximately 80 attendees coming from the many different NR professions and from all over Germany.
- Attendees made very positive remarks about the up-to-date contents of the lectures and about the special atmosphere of interdisciplinary exchange made possible by this educational format.
- Since all lectures were presented in a single (native) language, there was no language barrier.
- A book written by SSNR faculty members had been made available to serve as a reference for good clinical practice in neurorehabilitation for those who could not attend the SSNR (Platz, 2016).

## Summer School NeuroRehabilitation - SSNR

**The first Nordic SSNR was held in Falsterbo, Sweden, 21-23 September 2016, organized by Dr Iris Brunner, P.T. and colleagues**

- For three days clinicians from Denmark, Norway, Sweden and one person from Iceland gathered at a country hotel in Southern Sweden, close to the city of Malmö and the Danish capital Copenhagen.
- The first day, the focus was on motor impairments, swallowing and vocational rehabilitation and neuroplasticity. The rehabilitation of cognitive and emotional disorders and interdisciplinary cooperation was the focus of the second, and technology-assisted rehabilitation of the third day. We were overwhelmed by the response from both speakers and attendees.
- Renowned Scandinavian researchers who represented the whole spectrum of professions shared their knowledge and gave room for discussion.
- The interest in participating at the Nordic Summer School exceeded the organizers' expectations. Its 51 places were soon fully booked and the waiting list was long, clearly reflecting a demand for this kind of course. At the end of the SSNR, the participants were asked to fill a questionnaire, 48 of 51 forms were returned. The evaluation from the participants was very positive.

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## Springer book project „Clinical Pathways in Stroke Rehabilitation“

- Target Groups: neurologist, psychiatrists, physiotherapists, (neuro)psychologists, nurses, occupational therapists, speech and language therapists
- Open Access – can be read free of charge everywhere around the globe, and receives a wide academic distribution (Springer licence packages), and yet available in print
- Layout: the book will have a flexible cover and an intermediate format that underlines its value on clinicians' desks rather than on a book shelf in the library
- Pages in print (estimate): 200
- Book chapters will start with the description of the encountered clinical problem(s). This will be followed by a systematic, but concise review of evidence (RCTs, meta-analyses, and systematic reviews) that is relevant for clinical decision making and will comment on assessment, therapy (training, technology, medication), and the use of technical aids as appropriate. Based on these summaries, clinical algorithms / pathways will be provided.
- Agreement draft has been issued by Springer – to be confirmed by presidium

## Springer book project „Clinical Pathways in Stroke Rehabilitation“

### Table of contents (authors as confirmed)

1. Neurobiology of stroke recovery (N Ward)
2. Clinical pathways in stroke rehabilitation (T. Platz, M Owolabi)
3. Goal setting and team approach in stroke rehabilitation (N.N.)
4. Disorders of consciousness (C Pistarini, H Binder)
5. Airway and ventilation management (M Pohl, M Singer)
6. Recovery of swallowing (N.N.)
7. Arm rehabilitation (T Platz, J Burrridge)
8. Re-learning to walk (K-M Stephan, D Perennou)
9. Spasticity management (J Wissel, GE Francisco)
10. Rehabilitation of Communication Disorders (R Palmer, A Pauranik)
11. Treating neurovisual deficits (G Kerkhoff, G Rode, S Clarke)
12. Cognition and emotion post stroke (Caroline van Heugten, B Wilson)
13. Health care settings in neurorehabilitation (N.N.)

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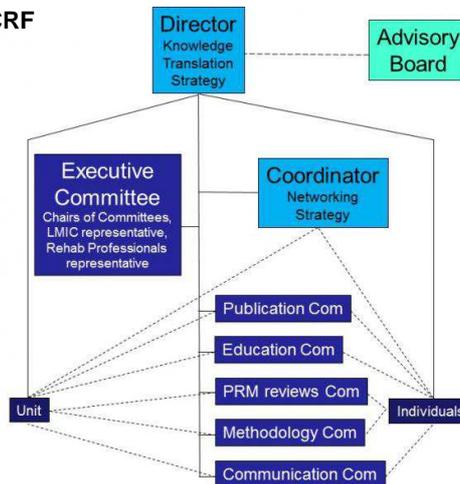
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## Cochrane Rehabilitation Field, CRF

- More than 37.000 people from > 130 countries are organised in Cochrane. The Cochrane library has > 6000 reviews, there are 53 review groups, 15 Cochrane centers that act regionally, 17 methods groups, and 12 fields.
- The Cochrane fields are transversal, thought to act globally and build a bridge between Cochrane and stakeholders (professionals and researchers in a field, patients, and policy makers).
- Cochrane Rehabilitation Field has been established in October 2016 and is aimed to ensure that all rehabilitation professionals can apply Evidence Based Clinical Practice, combining the best available evidence as gathered by high quality Cochrane systematic reviews, with their own clinical expertise and the values of patients. The CRF's vision is a world where decision makers will be able to take decisions according to the best and most appropriate evidence in this specific field. Cochrane Rehabilitation wants to improve the methods for evidence synthesis, to make them coherent with the needs of disabled people and daily clinical practice in rehabilitation.

## Cochrane Rehabilitation Field, CRF

### Structure of the CRF



## Cochrane NeuroRehabilitation Unit, CNRU

- Units of the CRF are small entities that support the work of the CRF and its committees (publication, education, reviews, methodology, communication) with specific tasks.
- The Cochrane NeuroRehabilitation Unit, CNRU will specifically be involved and handle NR topics.
- The CNRU will be sponsored by the WFNR and will serve as a link between the CRF and the WFNR and its national NR societies. For the WFNR Special Interest Groups the Clinical Pathway SIG will be the link to the CNRU since they share very similar goals.
- The goals of the CNRU are to support the CRF for topics related to NR. Thus, all goals of the CRF apply to the CNRU with a focus on NR issues
- Several people personally experienced with Cochrane Systematic Reviews and Methodology agreed to support the CNRU including: Bernhard Elsner and Jan Mehrholz from Germany, Kate E Laver from Australia, Alex Pollock from the U.K., and Judith DM Vloothuis from the Netherlands ... more members to be determined

## Cochrane NeuroRehabilitation Unit, CNRU

### Suggested activities of the CNRU are

- to tag and link to NR-related Cochrane Reviews on the CRF web site (and either the SIG Clinical Pathways and/or WFNR web site)
- organising a Cochrane symposium at each WCNR (latest NR-related Cochrane reviews),
- organise a Cochrane workshop at each WCNR (in depth interactive seminar in Cochrane reviews and methodology)
- similar activities at national NeuroRehabilitation congresses
- establish a Cochrane corner in the WFNR's official journal Neurorehabilitation and Neural Repair (NNR) (alert for newly published NR-related Cochrane reviews)
- members of the CNRU to be members of the different CRF committees (e.g. methods, publication, education etc.)
- WFNR president and NNR editor to be members of the CRF advisory board

**The CRF's executive committee supports the concept of an WFNR-sponsored CNRU**

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Thank you for your attention

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