

Yearly Report of the WFNR Specialist Interest Group (SIG) on Clinical Pathways in Neurorehabilitation for the year 2020

1.0 Book project on Clinical Pathways in Stroke Rehabilitation: Subtitle: Evidence-based clinical practice recommendations for major topics in stroke

The book with 282 pages covers clinical problems that are frequently encountered in stroke rehabilitation in a concise and practical way. Conceptually, it acknowledges that consequences of diseases are treated in rehabilitation, e.g. impairments and activity limitations (ICF, WHO 2001). The development of clinical pathways is based on the available best evidence sources that are summarized and critically appraised. The innovative contribution of each chapter is to bridge the gap between clinical evidence and clinical decision making in a practical way. Emphasis is given to deduce specific recommendations from evidence sources that can be used for clinical practice.

The recommendations / clinical pathways of available chapters were discussed and consented via the www.clinical-pathways.org online forum functionality by the group of authors and an external review panel including stroke survivor representatives. Thereby, the recommendations are based on a broader perspective of neurorehabilitation specialists around the world and endorsed by the WFNR.

The finalized chapters were send to the publisher, meanwhile proofs were checked.

We expect the book to be published early in 2021 as open access source.

2.0 Organizing the Summer School Neurorehabilitation in Greifswald (17th to 20th of June 2020), book “Neurorehabilitation update” [in German], and E-Learning platform

The fourth Summer School Neurorehabilitation in Greifswald was held from 17th to 20th of June 2020 as an update in the current state of the art in clinical practice and was again given in native language to be inclusive for all members and professions involved in neurorehabilitation teams. Due to the COVID-19 pandemic the Summer School



Neurorehabilitation had to be transformed into and held in a digital format with Zoom-based webinars. The Summer School was again a great success, well attended (even with the new purely digital lecture format) and received very positive feedback by the attendees and lecturers.

A book "Update Neurorehabilitation" (publisher Hippokampus, 4th edition) was prepared along with the summer school by its faculty, covers its topics, and was available in print at the time of the Summer School. All attendees received their personal copies sent to their homes. With the edition of the book the educational contents are made available to a broader readership. It is now available to anybody (can be purchased).

In addition, an e-learning platform was established at the host's site (Krupp-Kolleg, Greifswald; <https://www.wiko-greifswald.de/>, <https://www.wiko-greifswald.de/mediathek/anmeldung-2020/anmeldung-neuroreha/>). All lectures of the Summer School Neurorehabilitation were recorded and afterwards used to establish the E-Learning. Everybody with a professional interest can now register free of charge for the E-Learning and stream the lectures for her/his own individual continuous education. Since it became available in July 2020 the E-Learning has also been well perceived and asked for among neurorehabilitation professionals.

3.0 WFNR SIG Clinical Pathways "evidence to decision/recommendation" projects

On the 1st of January 2020, Cochrane Rehabilitation and the World Federation for NeuroRehabilitation mutually agreed to continue to Memorandum of Understanding signed on 09/07/2018 till December 31st 2024. In the context of this collaboration between Cochrane Rehabilitation and the WFNR the WFNR SIG Clinical Pathways runs "evidence to decision/recommendation" projects and organizes Cochrane Rehabilitation educational activities.

Two such "evidence to decision/recommendation" projects were started in 2019 and finished in 2020. These projects were:

1. Treatment of post-stroke anxiety (PSA) – from systematic review evidence to clinical practice recommendations (protocol published)



2. Treatment of neurovisual disorders– from systematic review evidence to clinical practice recommendations (protocol published).

In addition, both a symposium “Cochrane Reviews” and a WFNR-Cochrane workshop on “How to read a Cochrane Review and to apply the evidence in clinical practice” (interactive format of lecturing) were organized and held together with people from Cochrane Rehabilitation at the digital WCNR 2020.

Ibadan & Greifswald, 18.12.2020

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