

Rehabilitation: practice & patient-oriented research of sensomotor recovery

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doelstelling	<p>-Students acquire knowledge, understanding of and develop affinity to the rehabilitation care practice and patient-oriented research, as is available in the Groningen UMCG and Human Movement Sciences environment. They develop a perspective on their personal role as a human movement scientist in that context.</p> <p>-Students learn – in the context of a group assignment - to analyse and present a patient-oriented research problem, to distract and formulate a human movement sciences research question, which is subsequently answered through scientific literature research, analysis, consultation and discussion in the format of a mini review.</p> <p>-Students learn to write a well-argued – individual & detailed – masterplan for their individual study program and planning as a master of human movement sciences.</p>
omschrijving	<p>This course creates a perspective on the field of rehabilitation medicine and multidisciplinary care as offered in the general academic environment of the UMCG, the Center for Rehabilitation (CfR), including location Beatrixoord, and the Center for Human Movement Sciences. Rehabilitation medicine and care are presented within the conceptual model of the ICF ('International Classification of Health, Disability and Functioning' (ICF, WHO, 2001)) and from within the role that human movement sciences has in this context.</p> <p>The course provides two interlinked mainstreams of information:</p> <ol style="list-style-type: none">(1) a series of presentations at the CfR-location Beatrixoord- offered by clinical rehabilitation professionals of the CfR on the current rehabilitation practice and theory around a number of patient groups and/or interventions (diagnosis, prognosis, treatment indication, treatment protocol, evaluation etc).(2) Staff members with a specialisation 'Rehabilitation' of the Center for Human Movement Sciences, as well as the clinical professionals will present their personal perspective on a number of current rehabilitation issues and human movement oriented rehabilitation research. Theoretical as well as conceptual frameworks will be highlighted in the context of human movement and rehabilitation sciences and practice. <p>Underlying scientific questions and themes will be discussed, as well as the role of the human movement scientist in this context. Theory and practice of scientific patient-oriented research will be exemplified, studied and discussed through the group (n=4) assignment and consequent mini review.</p> <p>During the course, students will work on two products: (1) the mini review, each of which is also graded by two peer groups; (2) a personal</p>

and well argued masterplan, which presents the choices that are to be made in the following two years of the master program (subject literature review, free as well as profyle subjects, research project, in short: choices that lead to future roles as for instance a researcher, 'knowledge broker/manager', teacher in higher health education, advisor/policy maker in health care, specialist in assistive technology or return-to-work, health consultant, clinical epidemiologist, ergonomist of onderzoeker). This document helps the student and staff to realise an optimal preparation and training for the future human movement scientist.

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contacturen	Lectures/practicals, visits to rehabilitation center (30hrs)
toetsing	Group assignment (n=4) leading to a mini-review on the theoretical basis and/or statistical evidence and/or quality of (measurement techniques) a specific rehabilitation intervention/treatment protocol/problem. In a final mini-symposium students will present the results of their work. Students will provide the staff with an individually written detailed masterplan.
literatuur	literature
bijzonderheden	<ul style="list-style-type: none">-Students work on a group assignment-Students write an individual masterplan-presence at all sessions is a prerequisite-a wheelchair basketball session is offered; attendance is no obligation.