Research

Physiotherapy – therapeutic exercises and training to promote health and wellbeing. Assessments and interventions.

Research at the Division of Physiotherapy is mainly focused on assessments and treatment/rehabilitation of persons with various functional limitations in all ages; children, adults and elderly. Studies can mostly be characterized as clinical and are most often undertaken in primary health care or at the patients’ homes. Research is also in progress comprising healthy persons to promote and increase health, physical function, well-being and quality of life.

Examples of on-going projects are: patients with musculoskeletal disorders are studied with focus on the rehabilitation chain, work-ability and sickleave, studies on Tai Chi movements and "hip school" intervention are in progress for elderly people with osteoarthritis within several primary health care units in the Skane region. In some communities in Skåne, prescribed physical activities, FAR (Fysisk aktivitet på recept) are evaluated for the general population. New measurement techniques are evaluated eg a new instrument for the evaluation of knee rotation.

The main purpose of the studies is to increase basic knowledge about therapeutic exercises and training and form a basis for creating evidencebased rehabilitation programs including physical function, subjective well-being, satisfaction, sick-leave etc. Furthermore, the employment of qualitative research methods is acknowledged.

Dissertation


2010-03-10

Publications


30 Mannerkorpi K, Ekdahl C. Assessment of functional limitation and disability in patients with


drainage treatment with sequential pneumatic compression for treatment of postoperative arm lymphedema. Lymphology 1998;31:56-64.


83 Gummesson C, Atroshi I, Ekdahl C. Performance of health status scales when used selectively or within multi-scale questionnaire. BMC (BioMed Central) Medical Research Methodology
2003;3:3.


96 Vinther A, Kanstrup IL, Christiansen E, Ekdahl C, Aagaard P Testosterone and bone mineral density in elite lightweight male rowers (submitted revised)

Almquist PO, Zätterström R, **Ekdahl C**, Fridén T. Passive knee joint rotation in a reference population – in-vivo study registrations with an external measurement device (manuscript)

Winkel A, **Ekdahl C**, Jörgensen HS, Gard G. Early discharge to therapy-based rehabilitation at home in patients with stroke. A systematic review. (manuscript)

**Thesis:** Numbers 5, 6, 7, 8, 9, 11 are included in the thesis.