



COURSE SYLLABUS

Prosthetic and Orthotic Management of the Foot, 15 credits

Prosthetic and Orthotic Management of the Foot, 15 högskolepoäng

Course Code: HFOK10	Education Cycle: First-cycle level
Confirmed by: Utbildningsrådet May 9, 2018	Disciplinary domain: Medicine
Valid From: Mar 30, 2020	Subject group: MT2
Version: 1	Specialised in: G1F
Reg number: Department of Rehabilitation	Main field of study: Prosthetics and Orthotics

Intended Learning Outcomes (ILO)

Upon completion of the course students should have the ability to:

Knowledge and understanding

- discuss best available evidence in relation to orthotic management of the foot
- describe aetiology, implications and progression of foot pathologies
- explain relevant treatment strategies and interventions regarding foot pathologies
- explain common materials and methods used in the manufacture of foot orthotics
- explain national, as well as international, guidelines for management of foot pathologies and describe relevant quality registries.

Skills and abilities

- perform an independent assessment of a client and access correct information to facilitate development of an appropriate management plan
- critically evaluate the current evidence within the subject area
- use evidence-based and client-relevant assessment methods, outcome measures and other clinical tools
- plan, justify and explain treatment goals and interventions, ensuring that the client is at the centre of their management plan
- manufacture orthoses and prostheses for the foot in accordance to relevant guidelines
- evaluate function, quality and safety of prosthetic and orthotic devices, using feedback from the client and validated outcome measures
- justify interventions related to the foot using biomechanical principles
- cooperate and communicate with clients, carer/next of kin, colleagues and other professions.

Judgement and approach

- be aware of, and respect, the competencies and responsibilities of prosthetist/orthotists and other healthcare professionals
- evaluate and reflect on an intervention considering biomechanical, ethical, personal, social and societal factors
- critically evaluate one's own performance

- ensure that all interactions are made with respect, empathy, honesty and with consideration of cultural diversity, life situations and other factors that shape a person's identity.

Contents

- prosthetic and orthotic management of the foot, with special focus on diabetes mellitus and reumathoid arthritis.
- current evidence within the subject area
- outcome measures related to the foot
- instrumented analysis methods
- methods and design related to production of prostheses and orthoses for the foot

Type of instruction

The course is conducted in the form of lectures, seminars and labs as well as a clinical placement.

The teaching is conducted in English.

Prerequisites

General entry requirements and completion of the course Prosthetic management and biomechanics of the lower limb II, 15 credits (or the equivalent).

Examination and grades

The course is graded A, B, C, D, E, FX or F.

The course-examination will be based upon one individual written examination, one practical examination and interaction with clients in patient sessions.

A university lecturer serves as examiner for the course.

Registration of examination:

Name of the Test	Value	Grading
Individual written exam	7.5 credits	A/B/C/D/E/FX/F
Practical examination	6.5 credits	U/G
Interaction with clients	1 credit	U/G

Other information

Attendance requirements

During the course attendance is compulsory during laboratory sessions, seminars and clinical placement.

Temporary interruption of a course

The School of Health and Welfare may suspend a student's participation in clinical training or other practical activities during the course if a student demonstrates gross unfitness/incompetence when applying skills. A student whose work-based training or other practical activities have been canceled due to gross inadequacy/incompetence may not continue study before the course director or examiner has verified and approved that the student has the

knowledge and skills required. In connection with a decision on suspension, the decision will specify the grounds on which the suspension is based. After the decision, an individual plan will be established for the student where knowledge and skills gaps are specified, the degree of support the student is entitled to, and the terms and date(s) for examination(s).

Course literature

Course literature is set one month before the start of the course.

The most recent edition of the course literature should be used.

Additional relevant journal articles will be used.