



COURSE SYLLABUS

Prosthetic and Orthotic management in Paediatrics, 7.5 credits

Prosthetic and Orthotic management in Paediatrics, 7,5 högskolepoäng

Course Code: HPMN11	Education Cycle: First-cycle level
Confirmed by: Utbildningsrådet Sep 18, 2018	Disciplinary domain: Medicine
Valid From: May 10, 2021	Subject group: MT2
Version: 1	Specialised in: G2F
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

- differentiate between normal and atypical development in children and adolescents
- compare differences in obtaining a medical history on a paediatric patient and an adult
- describe acute and chronic paediatric conditions, congenital and genetic syndromes commonly encountered by prosthetist/orthotists and evaluate the effect of age on their manifestations and treatment
- understand laws for mandatory reporting of suspected child abuse and procedures for reporting
- appraise literature to determine best orthotic/prosthetic practice for a wide variety of paediatric conditions
- compare the difference between informed consent, assent, and parental permission.

Skills and abilities

- formulate an effective treatment plan with consideration to the child's age and condition, including the selection of appropriate outcome measures
- identify paediatric conditions which are appropriate for orthotic/prosthetic interventions
- justify selection of orthotic/prosthetic interventions with consideration of best available evidence
- select appropriate assessment tools and outcome measures for the child's age and condition.

Judgement and approach

- identify limits to their own practice/knowledge and recognise when to request assistance from others.

Contents

- normal and atypical development
- paediatric versus adult assessment

- common paediatric conditions requiring prosthetic or orthotic management
- orthotic and prosthetic devices for the paediatric patients
- consent versus assent
- laws and regulations when treating pediatric patients
- assessment tools and outcome measures for paediatric patients

Type of instruction

The course is implemented in the form of lectures and tutorials.

The teaching is conducted in English.

Prerequisites

General entry requirements, at least 60 credits in Prosthetics and orthotics, and completion of the course Prosthetics and orthotics, independent research project, 15 credits.

Examination and grades

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

Examination will be based upon one individual written assignment and one individual written examination.

A university lecturer will serve as examiner for this subject.

Registration of examination:

Name of the Test	Value	Grading
Individual written examination	5 credits	A/B/C/D/E/FX/F
Individual written assignment	2.5 credits	A/B/C/D/E/FX/F

Course literature

Lusardi, M., Jorge, M., & Nielsen, C. (2013). *Orthotics and Prosthetics in Rehabilitation*. Amsterdam: Elsevier.

Morris, C., & Dias, L. (2007). *Paediatric Orthotics: Orthotic Management of Children*. London: MacKeith Press.

The most recent editions of the course literature should be used.
Additional relevant journal articles will be used.