

Course description Master of Science in Public Health		
Module responsible: Jørgen Jespersen Jane Skov	Last updated: August 2018	Page 1 of 2 pages
Module number: 3969032		
Module title: Cardiac rehabilitation – a model of academic presentation Hjerterehabilitering - en model for akademisk formidling		
ECTS-points	7.5	
Responsible institute	Unit for Health Promotion Research, Department of Public Health	
Prerequisites connected to the module	None	
General objectives	To increase the student's ability to: <ul style="list-style-type: none"> • Understand a widespread public health problem (cardiovascular disease) in terms of the underlying pathophysiology and the prevention and treatment of the disease • Understand the legislation, organisation and practical implementation of cardiac rehabilitation including quality assessment • Understand how to search, evaluate and apply scientific literature related to cardiac rehabilitation • Understand how to work out an oral presentation and a written report within the theme of cardiac rehabilitation on a scientific basis 	
Specific competency objectives	After participating in the module the student should be able to: <ul style="list-style-type: none"> • Define cardiovascular disease • Explain the epidemiology of cardiovascular disease • Explain atherosclerosis and atherothrombosis • Explain the basic pathophysiological mechanisms involved in cardiovascular diseases, including inflammation, lipid accumulation, circulatory physiology and haemostasis • Explain the importance of inheritance, environment, psycho-social and biological factors for the development of cardiovascular diseases • Explain risk stratification of patients with cardiovascular diseases • Explain the pharmacological and non-pharmacological treatment of patients with cardiovascular diseases 	

UNIVERSITY OF SOUTHERN DENMARK
HEALTH SCIENCES

	<ul style="list-style-type: none"> • Describe the overall structure of the Danish Health Services • Describe the legislation and organisation of cardiac rehabilitation • Explain the practical implementation of cardiac rehabilitation • Describe quality assessment of cardiac rehabilitation • Use the medical information retrieval necessary for composition of the project report • Describe the hierarchy of scientific literature, including health technology assessments and clinical guidelines • Describe good academic practise • Compose a scientific project report that discusses a chosen aspect of cardiac rehabilitation 	
Time of teaching	3 rd semester, 1 st quarter (autumn semester)	
Competency profile of the education	This module contributes to the elements 1, 2, 3, 4, 5, 6, 10 and 11 of the competency profile of the education (see MSc in Public Health curriculum section 1.4)	
Type of teaching	The module includes lectures, workshops and journal clubs with a high degree of student participation. The students are assigned a project, on which they will work for a longer period.	
Prerequisites connected to the examination	None	
Type of examination	<p>Written report.</p> <p>The size of the report is five standard pages per student. The report is worked out in groups of 3-4 students.</p> <p>An examination seminar with an oral presentation of the project report will take place at the end of the module (compulsory attendance).</p> <p>One composite grade is given for the written report and the examination seminar.</p> <p>Internal censorship.</p> <p>Graded by the 7-point grading scale.</p> <p>Re-examination: Individual written report. The topic will be chosen by the supervisor. The size of the report is five standard pages. One supervision session is offered. No examination seminar.</p>	
Evaluation at the grade 12 / evaluation Pass	Grade 12 is given if the student has shown excellent performance, having comprehensively fulfilled the module's objectives with no or only a few minor weaknesses.	
Approved by	The Academic Study Board of Public Health	Approved on 14 April 2016