

Determinants of occupational diseases and work-related health problems

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Irina Guseva Canu

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Aim	<p>Occupational diseases have a wide variety of phenotypes and sometimes only become apparent several decades after actual exposure. In other cases, the association between work-related exposure and the development of clinical symptoms and diseases is not obvious at first glance. In this module, students learn to identify and describe the evidence and relevance of work-caused and work-associated health problems. They also acquire the skills necessary to find and analyze the relevant literature concerning occupational health problems.</p> <p>Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> • Understand the main determinants of occupational and work-related diseases as well as the individual and organizational health resources • Conduct effective literature research and identify the relevant publications • Make the critical appraisal of publications • Assess the overall evidence of an occupational disease or exposure according to the most relevant guidelines • Write a simple review
Contents	<ul style="list-style-type: none"> • Overview of the major occupational health problems and their risk factors • Occupational health research and study designs • Concept of causality • Observational versus interventional studies in occupational health • Most common bias and errors in occupational health research • Literature search, systematic reviews and meta-analysis
Methods	Lectures; Group work; Discussion round
ECTS credits	2 ECTS credits = approx. 60 hours of workload including 32 hours of on-campus lectures and 28 hours of pre-assignment and exam
Target audience	<ul style="list-style-type: none"> • Students in the DAS Work+Health program • Occupational medics, occupational hygienists, psychologists • Healthcare providers and other persons interested in work and health
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Fee	CHF 2720.–
Registration deadline	05 February 2022