B104.10.23

From Evidence to Implementation and Evaluation in Public Health

Goal	This module introduces public health professionals and decision-makers to the process of translating new evidence into public health action, and to the monitoring and evaluation of public health programmes. Specifically, the module aims to - discuss the process of reviewing and implementing new evidence on health interventions - argue factually the use of randomized controlled trials and alternative study designs, including routine surveillance, for the evaluation of new and existing public health interventions - showcase strategies and approaches for developing monitoring and evaluation strategies for public health programmes Finally, the module intends also to address the following issues: - Ethical considerations - Contextual factors for the implementation of new public health programmes - Perspectives from both high-income and low-income countries
Contents	This module is divided into four main components: - An introduction to the concept of health interventions and their initial evaluation, including the «development pipeline» for new interventions; followed by a systematic comparison of randomised controlled trials and alternative study designs - A case study on the use of insecticide-treated mosquito nets for malaria control in sub-Saharan Africa: from the very first studies in the field to policy formulation at national and international levels, and finally large-scale implementation and its evaluation - A case study on the monitoring and evaluation of the national malaria control programme in Papua New Guinea, including a discussion on the use of routine surveillance - A case study from Switzerland on the monitoring and evaluation of a health system programme
Methods	- Introductory lectures (general principles, specific examples) - Exercises based on case studies - Group work
Exam	Group work and presentation
Preparation and postprocessing	10 hours preparation, no postprocessing
ECTS Credits	1 ECTS Credit
Target audience	Health professionals with basic knowledge of epidemiology and an interest in monitoring and evaluation
Prior Knowledge	required are: - «Introduction to Epidemiology and Study Designs» (B101.20) - «Konzepte, Methoden und Anwendungen der deskriptiven und analytischen Epidemiologie» (B102.30)
Organisation	Schweizerisches Tropen- und Public Health-Institut, Basel Universität Basel
Module lead	Prof. Dr. phil. Manuel Hetzel, Schweizerisches Tropen- und Public Health-Institut, Basel
Lecturers and tutors	Prof. Dr. phil. Christian Lengeler und Prof. Dr. phil. Manuel Hetzel, Schweizerisches Tropen- und Public Health-Institut, Basel; Prof. Dr. med. Nicolas Senn, Département de médecine de famille, Unisanté, Lausanne
Dates	6 and 7 November 2023
Location	Basel
Fees	CHF 1'100.-
Registration deadline	06 September 2023
Additional information	Teaching languages are English and German.