

Module IHS 6	Evidence-Based Decision Making	
Responsible: Professorship of Health Technology Assessment and Health System Design		
Qualification level: Bachelor's degree	Academic term: Semester 3 or 5	Type of module: Compulsory
Credits: 10	Total workload: 300 hours	Contact hours: 108 hours
		Self-study hours: 192 hours
Duration and frequency: 1 semester / annually	Prerequisites: Module IHS 3	Language: English, German
Learning objectives:	To be able to acquire the knowledge and methods necessary to understand how and under which conditions high quality, evidence-based, needs-based health care is possible. To know and be able to apply the principles of evidence-based medicine, which is guided by the best possible external evidence from systematic research on the one hand and by clinical expertise as well as patient needs and preferences on the other hand. To understand and interpret evidence-based new knowledge. To be able to critically reflect upon how decisions on care are made in clinical practice and within the system, in particular in situations when studies provide no or little evidence to support these decisions, but when decisions have to be made nevertheless.	
Module content:	<ul style="list-style-type: none"> Principles and history of evidence-based medicine and evidence-based nursing, Cochrane Collaboration, and quality assurance institutions The discourse on evidence-based medicine in the contexts of health policy and health economics Clinical research and clinical decision making processes Formulating issues of clinical and practical relevance Systematic research in electronic/online databases Critical appraisal of both secondary studies (systematic reviews and health technology assessment reports) and primary studies (experimental and observational studies) Generation of new knowledge using qualitative studies Guideline development process as well as acceptance and implementation of guideline-governed health care structures 	
Type of instruction:	2 weekly hours of lectures, 4 weekly hours of practical tutorials	
Requirements for obtaining credit:	Submission of methods portfolio; passing of the module examination	
Type of examination:	Written coursework	
Module credits applicable towards:	Health science study programmes	