

Module title		Abbreviation
Evidence-Based Medicine		03-TM-EBM-181-m01
Module coordinator		Module offered by
Institute of Clinical Epidemiology and Biometry (ICE-B)		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Principles of evidence-based medicine; critical assessment of scientific publications; standards of reporting evidence; systematic reviews and meta-analyses; structure and objectives of clinical guidelines.		
Intended learning outcomes		
The students are able to critically review published papers with respect to methods, quality, arising evidence and limitations. They know the contemporary standards of reporting evidence from studies (CONSORT, STROBE etc.). Students are able to assess evidence from several sources. They are familiar with methods of systematic review of existing evidence and meta-analysis. They know methods how to test for inhomogeneity and publication bias and how to compute aggregated estimates. They have background knowledge about the development of clinical guidelines.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (1.5) + S (1.5) Module taught in: German or English		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
oral examination (approx. 30 minutes) Language of assessment: German or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Supplementary course Translational Medicine (2018) Master's degree (1 major) Translational Medicine (2018)		