## Module title
Evidence-Based Medicine

| Abbreviation | 03-TM-EBM-181-m01 |

## Module coordinator
Institute of Clinical Epidemiology and Biometry (ICE-B)

## Module offered by
Faculty of Medicine

## ECTS
5

## Method of grading
numerical grade

## Only after succ. compl. of module(s)
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## Duration
1 semester

## Module level
graduate

## Other prerequisites
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### 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
S (1.5) + S (1.5)
Module taught in: German or English

### Method of assessment
oral examination (approx. 30 minutes)
Language of assessment: German or English

### Allocation of places
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### Additional information
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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)