

Course description

General information about the course		
1. Major of study: medicine	2. Study level: unified MSc	
	3. Form of study: intramural	
4. Year: III	5. Semester: V	
6. Course name: Evidence Based Medicine (EBM)		
7. Course status: required		
8. Course contents and assigned learning outcomes		
<p>1. Understand the general concept of EBM.</p> <p>2. Understand the problems of implementing EBM, and their possible solutions.</p> <p>3. Understand the clinical effectiveness of a procedure, and the cost of implementation.</p> <p>4. Understand the concept of evidence.</p> <p>5. Understand the principles of statistics in EBM.</p> <p>6. Understand the problems behind carrying out a search of the literature from databases such as Cochrane and Medline.</p> <p>7. Understand the different types of literature reviews.</p> <p>Objectives</p> <p>1. Manage to identify possible problems implementing EBM at the personal level, practice, and patients' level.</p> <p>2. Knows how to seek for evidence, has the ability to develop an answerable question, and strategy to answer the question.</p> <p>3. Knows how to critically appraise and use the evidence.</p> <p>4. Knows how to define and calculate odds ratios, absolute risk, relative risk, NNT, NNH, NNS.</p> <p>5. Knows how to critically appraise literature reviews, RCTs.</p> <p>6. Be able to ask a focused research question and to carry out a literature search.</p> <p>7. Be able to search the Medline and Cochrane database to answer to the clinical query.</p> <p>Learning outcomes / reference to learning outcomes indicated in the standards For knowledge – student knows and understands: B.W.29, D.W.23 For skills student can do: B.U13, D.U.16, D.U.17 For social competencies student is ready to:</p> <ol style="list-style-type: none"> 1. Use evidence-based information 2. Promote healthy medical interventions 3. Formulate opinions on different topics in medicine 		
9. Number of hours for the course:		10
10. Number of ECTS points for the course:		1
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Open discussion, solving common medical problems	*
Skills	Open discussion, solving common medical problems	*
Competencies	Observation	*

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved