AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Introduction to Evidence-Based Medicine							
Course Code	BYK629			Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	2	Laboratory	0

Objectives of the Course	The aim of this course; In order to support the evidence-based medicine and clinical decisions defined as the integration of the best evidence obtained through systematic research into the clinical experience, the students will be able to identify the basic definitions, sources of evidence, and evidence levels related to evidence-based medical practices to provide access to advanced information.
Course Content	Evidence-based medicine and its history, basic features; steps, scanning different types of articles to evaluate the application of evidence-based medicine in health areas, formulating the clinical question, the components of clinical question, question-related research methods, search engines and databases (pub-med, ovid, cochrane, med-line), systematic review and meta-analysis, application areas of evidence-based medicine.
Work Placement	N/A
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Project Based Study
Name of Lecturer(s)	

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Final Examination	1	60
Attending Lectures	1	40

Recommended or Required Reading

1	Basic Pathology, Robbins and Cortran. (2008).
2	Ackerman Patology, Rosai, (2009), Surgical Pathology

Week	Weekly Detailed Course Contents	
1	Theoretical	Opening, meeting, expectations, goals and objectives
2	Theoretical	Evidence-Based Medicine and its History and Evidence-Based Practices
3	Theoretical	All definitions of Evidence-Based Medicine Levels of evidence: What is the best available evidence?
4	Theoretical	Evidence-Based Application Process
5	Theoretical	Evidence-Based Application Literature
6	Theoretical	Systematic Reviews
7	Theoretical	Evidence-Based Practice Guides
8	Intermediate Exam	Introduction to Evidence-Based Medicine Midterm Exam
9	Theoretical	Cochrane Center and operating instructions
10	Theoretical	Levels of Evidence - Scoring System by Hierarchy of Evidence
11	Theoretical	Evidence-based practice examples specific to the medical profession
12	Theoretical	Evidence-based practice examples specific to the medical profession
13	Theoretical	Evidence-based practice examples specific to the medical profession
14	Practice	Evidence-based practice examples specific to the medical profession
15	Practice	Evidence-based practice examples specific to the medical profession
16	Final Exam	Introduction to Evidence-Based Medicine Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	14	2	16

Final Examination	1	15	2	17
		Total Workload (Hours)		75
		[Total Workload (Hours) / 25*] = **ECTS**		3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to express the history of Evidence Based Medicine and the reason of its emergence
2	To be able to define evidence-based medicine and evidence-based practice
3	To be able to express evidence-based application resources
4	Explain the importance of evidence-based practice guidelines
5	To be able to list evidence-based medical databases and evidence-based medical alternatives

Programme Outcomes *(Biochemistry (Medical) Doctorate)*

1	To have basic theoretical knowledge about biochemistry and to help understanding biochemistry
2	To have the basic laboratory knowledge, apparatus and methods used in biochemistry
3	Analysis: To be able to analyze information critically
4	Synthesis: To be able to synthesize and adapt the knowledge in the field from different directions
5	Evaluation: To critically evaluate research in the field

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	4	5	4	5	4
P3	5	4	4	4	5
P4	4	5	5	5	4
P5	5	5	4	5	5