

Course title <English>	EBM研究概論 Studies for Evidence-based Medicine		Affiliated department, Job title, Name	Kyoto University Hospital Program-Specific Professor, UESHIMA KENJI Graduate School of Medicine Professor, SATO TOSIYA Kyoto University Hospital Project Associate Professor, SATOU KEIKO Kyoto University Hospital Program-Specific Assistant Professor, YASUNO SHINJI 奈良県立医科大学 病院教授 KASAHARA MASATO	
Target year	Professional degree students	Number of credits	2	Course offered year/period	2017/Second semester
Day/period	Mon.2	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
<p>I. Course Description</p> <p>It is an important mission for healthcare researchers to explore standard therapies and evaluations for new therapies in clinical medicine. For that purpose, we have to conduct clinical trials along with appropriate methodologies, and accumulate clinical evidences step by step. In order to propel proper clinical trials, the EBM Research Center was established in 2001 at Kyoto University. This EBM Research Center was reorganized in 2013 into the Department of EBM Research, Institute for Advancement of Clinical and Translational Science. We have been engaged in conduct and management of various clinical trials, and establishing infrastructures for clinical research.</p> <p>In this course, we explain development plans for research questions arouse from clinicians and data management systems including researcher ethics and use of standard operating procedures. Based on clinical trials in our department, students will learn about actual practices and difficulties in the design and conduct of clinical trials.</p>					
[Course Goals]					
<p>II. Goals and Objectives of the Cours</p> <p>Understand study concepts for EBM</p> <ul style="list-style-type: none"> Understand researcher ethics of clinical trials Understand basic knowledge of clinical trial and related area Understand basic issues and solutions of problems of the clinical trial 					
<p>III. Methods of Instruction</p> <p>Lecture with Power Point Presentation with Small Group Discussions</p>					
[Course Schedule and Contents]					
<p>October 5 What is EBM?</p> <p>October 19 Necessity of large scale clinical trials</p> <p>October 26 History of clinical trials and drug disaster</p> <p>November 2 Study requirement of clinical research for human person</p> <p>November 9 Arrangement and planning for clinical trials</p> <p>November 16 Understanding clinical trials: treatment allocation</p> <p>November 30 Understanding clinical trials: endpoints</p>					
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EBM研究概論(2)

December 7 Understanding clinical trials: events and safety evaluations
December 14 Understanding clinical trials: trials for hypertension
December 21 Understanding clinical trials: trials for chronic kidney diseases
December 28 Reconsiderations of clinical guidelines
January 4 Point of clinical research and epidemiologic research
January 18 Task of future clinical trials
January 25 Evidence: make, use, and inform
Undecided Critical exploration for literature
February 11 Report Deadline

[Class requirement]

None

[Method, Point of view, and Attainment levels of Evaluation]

V. Evaluation
Final Report

[Textbook]

Instructed during class

[Reference books, etc.]

(**Reference books**)
Introduced during class

[Regarding studies out of class (preparation and review)]

VI. Prerequisites
There are no pre-requisites for this course.

(Others (office hour, etc.))

*Please visit KULASIS to find out about office hours.