

Course title <English>	エビデンスユーザ入門 Introduction to EBM: How to use evidence in your daily life	Affiliated department, Job title, Name	Graduate School of Medicine Professor, FURUKAWA TOSHIAKI		
Grade allotted	Professional degree students	Number of credits	2	Course offered year/period	2016/Irregular, year-round
Day/period	Mon.2 開講日注意	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
<p>The term “Evidence-Based Medicine” (EBM) is now so popular that every scientist calls his favorite data “evidence” .</p> <p>This course aims to provide basic knowledge for evidence users, namely to learn what constitutes evidence, how to find it, how to use it and what to do when you cannot find such in the clinical decisions for individual patients and in the policy decisions.</p> <p>We expect that, once you become proficient evidence users, you will also become ambitious evidence makers. Given the various backgrounds of the KUSPH students, we also expect that EBM can be practiced for all kinds of human services including alternative & complimentary medicine, education, economic policies, environmental policies etc.</p> <p>*** We expect to form one group for English-speaking students. ***</p>					
[Course Goals]					
<ol style="list-style-type: none"> 1. To learn standard checkpoints for critical appraisal in diagnosis, treatment (intervention), prognosis, and side effects (aetiology). 2. To submit one report for each of the above domains that deals with the student’s own clinical question and describes how he/she formulated a clinical question, how he/she found the evidence, how he/she critically appraised the evidence and how he/she applied the evidence. 3. In addition, to submit one report that deals with a systematic review of an intervention by applying GRADE ratings 					
[Course Schedule and Contents]					
<p>The class will basically proceed as follows:</p> <ol style="list-style-type: none"> 1. The students will take turns to present the summary of checkpoints for critical appraisal in diagnosis, treatment (intervention), prognosis, side effects (aetiology), and systematic reviews based on the designated standard textbook of EBM. 2. The students will be divided into small groups and each group will present an example of practicing EBM in each of the domains above. 3. After learning the basic process of EBM for the five domains as described above, each student will present a report that deals with the student’s own clinical question. <p>As a lot of time of self-learning will be required, we expect the students to be so prepared and the class will be held, in principle, every two weeks. Please pay good attention to the class schedule.</p> <ol style="list-style-type: none"> 1. April 11 The spirit of EBM [Prof Furukawa] 2. May 9 Checkpoints for critical appraisal for articles in treatment (intervention) [Students] 3. May 23 Examples of practicing EBM for treatment (intervention) [Groups] 4. June 6 Examples of practicing EBM for treatment (intervention) [Groups] 5. June 20 Checkpoints for critical appraisal for articles in prognosis [Students] 					
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6. July 25 Examples of practicing EBM for prognosis [Groups]
7. August 1 Reserve date
8. October 3 Checkpoints for critical appraisal for articles in diagnosis [Students]
9. October 31 Examples of practicing EBM for diagnosis [Groups]
10. November 7 Checkpoints for critical appraisal for articles in side effects (aetiology) [Students]
11. November 21 Examples of practicing EBM for side effects [Groups]
12. December 5 Checkpoints for critical appraisal for articles in systematic reviews [Students]
13. December 19 Examples of practicing EBM for systematic reviews [Groups]
14. January 16 Reserve date
15. January 30 Reserve date

[Class requirement]

We recommend MPH elective for “Literature Search” and “Critical Appraisal.”

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

Class participation (25%)

Five reports for diagnosis, treatment (intervention), prognosis, side effects (aetiology), and systematic reviews (75%)

[Textbook]

Gordon Guyatt et al 『Users' Guides to the Medical Literature: Essentials of Evidence-Based Clinical Practice, 3rd Edition』 (McGraw-Hill Professional) (All the chapters we designate for the class are included in the following "Manual" too. If you have purchased the "Manual", you need not purchase the "Essentials.")

[Reference books, etc.]

(Reference books)

Gordon Guyatt et al 『Users' Guides to the Medical Literature: A Manual for Evidence-Based Clinical Practice, 3rd Edition』 (McGraw-Hill Professional)
古川壽亮 『エビデンス精神医療』 (医学書院)

(Related URLs)

<http://ebmh.med.kyoto-u.ac.jp/toolbox.html>(Please use various tools available in our Department website.)

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

As a lot of time of self-learning will be required, we expect the students to be so prepared.

(Others (office hour, etc.))

Participation from Graduate course of Human Health Sciences is accepted.

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*Please visit KULASIS to find out about office hours.