

# K016 Systematic Reviews

First and Second Semester, MCR restricted and recommended

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**Session Time:** Monday, 1st and 2nd  
**Offered by:** Department of Health Promotion and Human Behavior  
**Director and Instructors:** Toshiaki Furukawa (Director)

**Room:** Seminar Room B, 2nd Floor, Bldg G  
**Office Address:** Health Promotion and Human Behavior  
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**Level(basic, intermediate, advanced):** Advanced

**Prerequisites, corequisites, and recommended subjects** This course starts in July, and taking courses in Biostatistics and Epidemiology in April through June is recommended.

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## I. Course Description

This course consists of 7 3-hour sessions over the course of 5 months, in which the participants will learn and finish up a protocol of a systematic review on a topic of his/her own choice.

## II. Goals and Objectives of the Course

- To complete a protocol of a systematic review in English and in accordance with the Cochrane Handbook.
- Those who wish to complete the review can further collaborate with the course director until (hopefully) it will be published in the Cochrane Library.

## III. Methods of Instruction

Each 3-hour session will be divided into the presentation of the protocol and the lecture. After the lecture, the participants are expected to elaborate the protocol accordingly and be ready to present the relevant sections in the next session.

Lecture materials, submission of reports and peer discussion shall take place on Sakai (<https://clspilot.iimc.kyoto-u.ac.jp/portal/site/systematic-review>)

#### IV. Course Readings

Required text:

- Higgins JPT, Green S (editors). Cochrane Handbook for Systematic Reviews of Interventions Version 5.0.2 [updated September 2009]. The Cochrane Collaboration, 2008. Available from [www.cochrane-handbook.org](http://www.cochrane-handbook.org). (Essential because the protocol will follow this Handbook)
- Review Manager (RevMan) [Computer program]. Version 5.0. Copenhagen: The Nordic Cochrane Centre, The Cochrane Collaboration, 2008. (Practically essential because you will need this software to write up a protocol and, eventually, to analyze the data and publish the review)

Suggested reading:

#### V. Evaluation

Completed protocol 100% (To get credit 60% in total will be required)

#### VI. Message

This year the class is not open to students from Graduate School of Human Health Science.

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#### Lecture schedule

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July 1	Formulating the clinical question Objectives and Criteria for considering studies
July 8	Search methods
August 5	Selection of studies
(Summer break)	Complete own PECO, Search & select studies, register titles (if so desired) during the summer break
October 7	Assessment of risk of bias
October 21	Data extraction
November 11	Analysis (1)
November 25	Analysis (2)
December 2	Presentation (1)
December 9	Presentation (2)
December 16	Extra

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