

Course title <English>	観察疫学研究 Observational Epidemiology		Affiliated department, Job title,Name	Graduate School of Medicine Professor,FUKUHARA SHUNICHI	
Target year	Professional degree students	Number of credits	1	Course offered year/period	2018/Intensive, First semester
Day/period	Intensive	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
With current movement on “ data-base research ” , the importance of observational epidemiology has been increasing. This course provides learning opportunity to learn basic theory and knowledge of observational epidemiology. This course does not cover interventional research.					
[Course Goals]					
Understand theory and methods in the following items; 1) Select the best research design taxonomy to answer RQ 2) Develop and validate scales to measure key variables 3) Design and conduct survey research 4) Understand the method of propensity score					
[Course Schedule and Contents]					
1 June 1 Potential of observational epidemiology (Fukuhara) 2 June 15 Taxonomy of observational epidemiology research (Onishi) 3 June 22 (1st period) Design and practice of survey research(1) (Takegami) 4 June 22 (2nd period) Design and practice of survey research(2) (Takegami) 5 July 6 Theory and practice of propensity score method (Kawamura) 6 July 13 (1st period)Development and validation of measurement and scale (basic) (Iwata) 7 July 13(2nd period)Development and validation of measurement and scale (advance 1) (Wakita) 8 July 27 (8:45 ~ 10 : 00) Examination 9 August 3 (9:30 ~ 12:00) Development and validation of measurement and scale (advance2) (Wakita)					
[Class requirement]					
<ul style="list-style-type: none"> • MPH, MCR Required • You need to take or had taken + "Epidemiology (MPH core)" or " Epidemiology " (MPH core) "Epidemiology " 					
[Method, Point of view, and Attainment levels of Evaluation]					
Attendance 40%, Examination 60%					
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観察疫学研究 (2)

[Textbook]

Instructed during class

[Reference books, etc.]

(Reference books)

Fukuhara S. 『Guidepost for clinical research: Learning study design by 7 steps』 (www.i-hope.jp/publication)

Hulley S 『Designing Clinical Research 2nd ed.』 (William & Wilkins)

Takegami M, Fukuhara S. 『Measuring and applying QOL.』 (www.i-hope.jp/publication)

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

- Didactic lectures
- Discussion at each lecture

(Others (office hour, etc.))

- This class is not open to students from Graduate School of Human Health Science
- June 22, July 13: Lecture will be held for 1st and 2nd terms.

*Please visit KULASIS to find out about office hours.