

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	2017/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.Basics in propensity score					
[Course Schedule and Contents]					
1 June 9 Potential of observational epidemiology 2 June 16 Taxonomy of observational epidemiology research 3 June 23 (1st period) Design and practice of survey research 4 June 23 (2nd period) Design and practice of survey research 5 July 7 Theory and practice of propensity score method 6 July 21 (1st period)Development and validation of measurement and scale (basics) 7 July 21(2nd period)Development and validation of measurement and scale (advance) 8 July 28 Examination					
[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.))

*Please visit KULASIS to find out about office hours.