

<b>Course title</b> <English>	観察疫学研究 Observational Epidemiology		<b>Affiliated department, Job title,Name</b>	Graduate School of Medicine Professor,FUKUHARA SHIYUNICHI	
<b>Grade allotted</b>	Professional degree students	<b>Number of credits</b>	1	<b>Course offered year/period</b>	2016/Intensive, First semester
<b>Day/period</b>	Intensive	<b>Class style</b>	Lecture	<b>Language</b>	Japanese and English
<b>[Outline and Purpose of the Course]</b>					
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.					
<b>[Course Goals]</b>					
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					
<b>[Course Schedule and Contents]</b>					
1 June 17 Potential of observational epidemiology 2 June 24 Taxonomy of observational epidemiology research 3 July 1 (1st period) Design and practice of survey research 4 July 1 (2nd period) Design and practice of survey research 5 July 8 Theory and practice of propensity score method 6 July 15 (1st period)Development and validation of measurement and scale (basics) 7 July 15 (2nd period)Development and validation of measurement and scale (advanced) 8 July 22 7 Examination					
<b>[Class requirement]</b>					
<ul style="list-style-type: none"> <li>• MPH, MCR Required</li> <li>• You need to take or had taken ① + ② <ul style="list-style-type: none"> <li>① "Epidemiology (MPH core)" or “Epidemiology I ” (MPH core)</li> <li>② "Epidemiology II "</li> </ul> </li> </ul>					
<b>[Method, Point of view, and Attainment levels of Evaluation]</b>					
Attendance 40%, Examination 60%					
Continue to 観察疫学研究 (2) ↓ ↓ ↓					

## 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.