

Course title <English>	研究デザイン演習 Practicum in Research Design	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/First semester
Day/period	Fri.2 開講日注意	Class style	Seminar		Language Japanese and English
[Outline and Purpose of the Course]					
This course will provide basic procedure or practical skills to conduct a healthcare research, except qualitative research.					
[Course Goals]					
To convert vague questions to structured abstracts. 1) To convert vague questions to answerable and structured research questions (RQ) 2) To convert RQ into conceptual model 3) To understand the third factors and bias 4) To understand concepts or how to convert concepts into measurable variables 5) To select the adequate study design to fit your RQ 6) To design and conduct survey research					
[Course Schedule and Contents]					
1 April 20 Structuring your RQ/FIRMNESS check 2 April 27 Dealing with confounding factors 3 May 18 Structuring Group's RQ 4 May 25 Designing measurement 5 June 1 Dealing with bias 6 June 15 Selecting research design 7 July 6 Conducting survey research 8 July 20 (1st and 2nd period) Groups'presentation: Protocol outline					
[Class requirement]					
<ul style="list-style-type: none"> • MPH Elective, MCR Required • You need to take or had taken + + "Epidemiology" or "Epidemiology " "Epidemiology " "Observational research" 					
[Method, Point of view, and Attainment levels of Evaluation]					
Perspiration in small group learning 50%, Presentation about protocol outline 50%,					
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研究デザイン演習 (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)

Fukuhara S. 『Conceiving and structuring your research question』 (www.i-hope.jp/publication)

Matsumura S. 『Building conceptual model』 (www.i-hope.jp/publication)

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

- small group learning and discussion
- students presentation of research protocol

(Others (office hour, etc.))

- This class is not open to students from graduate school of human health science.
- July 20 : Lecture will be held for 1st and 2nd terms

*Please visit KULASIS to find out about office hours.