Category

Course Title	Critical Reading - -
Eligible Students	grade 2 Elective Course
Code	71584005
Schedule	week 30
Credits	1

1. **Lead Instructor**

Kyoko   Nomura   (Professor, Department of Environmental health science and Public Health, 6086)

2. **Instructors**

Kyoko   Nomura   (Professor, Department of Environmental health science and Public Health, 6086)
Eri   Maeda   (Associate Professor, Department of Environmental health science and Public Health, 6088)
Toyoto   Iwata   ((IGAKUBU) Lecturer, Department of Environmental health science and Public Health, 7032)
Yong Kim Fong Roseline   (Assistant Professor, Department of Environmental health science and Public Health, 6095)
Teiichiro   Yamazaki   (Assistant Professor, Department of Environmental health science and Public Health, 3260)
Katahira   Masayuki   (Associate Professor, Department of Medical Informatics, 6095)

3. **Course Description Outline(Course Objectives)**

PubMed   (5W1H   PICO/PECO

    Aim
To acquire the best available medical knowledge and methods for making appropriate decisions in clinical decision making.

    Class Outline
To collect medical information using PubMed and issue the necessary research questions. (To acquire the ability to apply 5W1H, to extract PICO/PECO, and to identify outstanding issues in previous studies)

4. **Textbook/Reference Books**

EBM   David L.Sackett

5. **Assessment**

Attitude, reporting, participation, and others (presentation, group work)
        Participate actively in general discussions and express one's own thoughts.
        Focus on group work and discussions.

6. **Out of Class Study/Message**

1.

2.

3.PubMed

1. Read the syllabus carefully and participate.

2. With regard to research issues, autonomy, such as learning by oneself, finding issues, and solving problems, is required.

3. The literature is searched and sorted using PubMed, and English comprehension is required.

Topics and Contents of class, Course Objectives

	Class Date	Period	Class Format	Topics and Contents of class, Course Objectives	Instructors	Class Room
1	11 / 28 (Mon)	1-2	Discussion	Theme: Orientation 1 1) Self introduction (reasons for choosing a name, place of origin, course, field of particular interest in public health, and research topics) 2) What topics of public health should be studied (setting goals and goals)?	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki Katahira Masayuki	2
2	11 / 28 (Mon)	3-4	Lecture	Theme: Application of evidence of medical information (5W1H PICO/PECO Students will be able to explain how research is undertaken for the purposes of medical and medical development and patient benefit (5 W1H applications, PICO/PECO differences)	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	2
3	11 / 28 (Mon)	5-6	Exercise	Theme: PubMed How to use PubMed PubMed Collecting medical information using the search engine PubMed	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B
4	11 / 28 (Mon)	7-8	Exercise	Theme: Literature search PubMed Deciding topic Collecting medical information using the search engine PubMed Organize collected information	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B
5	11 / 28 (Mon)	9-10	Discussion	Theme: Individual announcement Presentation of medical information collected 1. Search Procedure 2. Amount of literature 3. Documents of Interest 4. Reason	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B

Topics and Contents of class, Course Objectives

	Class Date	Period	Class Format	Topics and Contents of class, Course Objectives	Instructors	Class Room
6	11 / 29 (Tue)	1-4	Exercise	Theme: Exercise and Example Lecture (1) PICO/PECO 1. Literature search 2. Prepare a PICO/PECO table on the literature 3. Creating a Research Question	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B
7	11 / 29 (Tue)	5-10	Exercise	Theme: 2 Exercise and Example Lecture (2) PICO/PECO 1. Literature search 2. Prepare a PICO/PECO table on the literature 3. Creating a Research Question	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B
8	11 / 30 (Wed)	1-4	Exercise	Theme: 3 Exercise and Example Lecture (3) PICO/PECO 1. Literature search 2. Prepare a PICO/PECO table on the literature 3. Creating a Research Question	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B
9	11 / 30 (Wed)	5-10	Exercise	Theme: 4 Exercise and Example Lecture (4) PICO/PECO 1. Literature search 2. Prepare a PICO/PECO table on the literature 3. Creating a Research Question	Kyoko Nomura Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B

	Class Date	Period	Class Format	Topics and Contents of class, Course Objectives	Instructors	Class Room
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10	12 / 1 (Thu)	1-4	Group learning	Theme: Interim announcement 5W1H Published literature (number of literature per person) 1. Purpose of the Study 2. Study Design 3. RESULTS 4. Discussion (Whether previous studies were able to resolve the question that was the subject of the study) Reviewing the Group's research issues (5W1H)	Kyoko Nomura Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B
11	12 / 1 (Thu)	5-10	Exercise	Theme: To modify research questions PICO/PECO PICO/PECO 1. Researching the literature 2. Arrangement of Literature 3. Create PICO/PECO tables 4. Discussion 5. Preparing PICO/PECO as a Future Research Agenda	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	5B
12	12 / 2 (Fri)	1-6	Discussion	Theme: Group announcement (final announcement) Self-evaluation Peer evaluation Teacher Evaluation The trainee may make an oral presentation in accordance with the format specified in the content of the practical training.	Kyoko Nomura Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	2
13	12 / 2 (Fri)	7-10	Self learning	Theme: Report submission They can be presented in writing according to the specified format.	Eri Maeda Toyoto Iwata Yong Kim Fong Roseline Teiichiro Yamazaki	2