



Epidemiological Research Training Course VIII-2

Making and Conveying Scientific Evidence

August 19-23, 2019
University of Medicine and Pharmacy
Ho Chi Minh City, Vietnam



**THIS COURSE IS IN PARTNERSHIP WITH
JICA PARTNERSHIP PROGRAM
AND SUPPORTED BY
HO CHI MINH CITY HEALTH SERVICE AND
JAPAN EPIDEMIOLOGICAL ASSOCIATION**

Epidemiology Research Training Course VIII-2

“Making and Conveying Scientific Evidence”

Course syllabus

This is the research training course jointly organized by the Fukushima Medical University and the University of Medicine and Pharmacy, Ho Chi Minh City, partnering with Japan International Cooperation Agency (JICA). The course targets doctors and university lecturers and offers a basic training in *practical* survey methods that can be applied for improving daily clinical practice. The course deals with health topics at all stages of life including maternal and child health, many aspects of diseases in adulthood and the elderly. Successful participants are given an authorized certificate from University of Medicine and Pharmacy, Ho Chi Minh City, and a Continuous Medical Education credit from Ho Chi Minh City Medical Association.

Objectives

The primary objective of this course is to enable participants to understand scientific evidence and develop their own based on analysis of both clinical data and patients' voices.

To reinforce *basic knowledge* of epidemiology, biostatistics, and qualitative research

To provide *technical competencies* required for research: literature searching, critical appraisal of published medical evidence, study designing, questionnaire development, **data handling**, **data analysis**, and publication skills.

Following the previous curriculum, this course will focus more on data analysis skills, and new fields will be covered, that are **health literacy and care**.

Class Meeting Time and Place

Duration: August 19th (Mon) – 23rd (Fri)

Time: 9:00-12:00 & 13:30-16:00

Place: University Auditorium level 3, University of Medicine and Pharmacy, HCM City

Didactic Method

Most lectures are given in English (only partly with translation into Vietnamese). Course materials (in English) are uploaded on the project website. A course textbook has been uploaded in the project website (http://www.fmu.ac.jp/home/public_h/ebm/). Lectures are given in morning classes for all participants. In the afternoon, Project Course Participants work on group projects.

1. Audit Participant (individual application)

Auditing of lectures without participation in group projects. Participants apply as an individual. The number of registrants is approximately limited to 50.

2. Project Course Participant (group application)

Group representative's full participation of two in-class trainings (Course VIII-1 in August, 2018 and this course) and a group project are required. The representative will present the results of their project on the last day.

Evaluation

Please note that we require at least 3 full day attendance, taking of the final examination, and participation in the presentation session for both Audit and Project Course Participants. For Project Course Participants, your group assignments are also evaluated. Certificates and CME credits are given to those who successfully complete the course (i.e., meeting all of the above requirements).

Eligibility Criteria and Application

- ❖ Applicants should have at least two years of experience in clinical medicine and/or research.
- ❖ Proficiency in English reading is required.
- ❖ We especially encourage participation of mid-career professionals with some experience in the design or conduct of epidemiological surveys.
- ❖ Previous courses participants are also welcome.
- ❖ Participants will be selected by the university and the medical association.

You can register either on-line or by submitting the application form to Dr. Tran The Trung of Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City.
tranthetrung73@yahoo.com

Course Organizers and Leadership

Tran Diep Tuan

Dean, University of Medicine and Pharmacy, Ho Chi Minh City

Do Van Dung

Vice Dean, University of Medicine and Pharmacy, Ho Chi Minh City

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Goto, Aya

Professor, Center for Integrated Science and Humanities, Fukushima Medical University School of Medicine

Main Instructors

Goto, Aya

Professor, Center for Integrated Science and Humanities, Fukushima Medical University School of Medicine

Nguyen Quang Vinh

Department of Obstetrics and Gynecology, Nguyen Tri Phuong Hospital

Head of Clinical Epidemiology Unit, Nguyen Tri Phuong Hospital

Vice-Chair, Department of Obstetrics and Gynecology, Tan Tao University, Long An Province

Koriyama, Chihaya

Professor, Department of Epidemiology and Preventive Medicine, Kagoshima University

Yokokawa, Hirohide

Chief Associate Professor, Department of General Medicine, Juntendo University School of Medicine

Guest Instructor

Watanabe, Kazuyo

Assistant professor, Department of Midwifery, Fukushima Medical University School of Medicine

Vietnamese instructors

Nguyen Thi Tu Van

Chair, Department of Obstetrics and Gynecology, Tan Tao University, Long An Province

Tran Quang Nam

Lecturer, Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City

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Medical doctor, Department of Endocrinology, People's Hospital 115, Ho Chi Minh City

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Medical doctor, Department of Endocrinology, People's Hospital 115, Ho Chi Minh City

Project assistants

Koyama, Yohei

Researcher, Center for Integrated Science and Humanities, Fukushima Medical University School of Medicine

Ishii, Sachika

Medical student, Fukushima Medical University School of Medicine

Watanabe, Kazuyo

Assistant professor, Department of Midwifery, Fukushima Medical University School of Medicine

Contacts

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Tentative Curriculum

| | Morning class (9.00-12.00 am) | | Afternoon class (13.00-16.00 pm) | |
|----------------|---|--------------------------------|---|-----------------------------------|
| | Lecture | | Mini-lecture | Group project* |
| August 19 (M) | OPENING Goto (Course description) Vinh (Meaning of p value and 95%CI) | | Yokokawa (Patients' health literacy skills) | Review of on-going projects |
| August 20 (T) | Goto (Basic statistical tests) | | Goto (Our health literacy skills) | Analysis of project data |
| August 21 (W) | Koriyama (Multivariable analysis) | | Watanabe (Special lecture on "Care") | Analysis of project data |
| August 22 (Th) | Yokokawa (Analysis of clinical data) | | Koriyama (EBM on water pipe tobacco) | Preparation for the group project |
| August 23 (F) | Examination | Group presentations CLOSING | (Staff summary meeting) | |

*Participants can consult instructors on their data analysis.