

# Hitotsubashi University Health Economics Short Course

## Economic Evaluation of Healthcare Technology: using cost-effectiveness analysis

With simultaneous interpretation; Japanese-English

- This one-day course, comprising of lectures on theory and practice of economic evaluation of healthcare technologies, is designed for post-graduate students and professionals working in the health sector.
- Submit your online application form by Monday April 10 at the website of the Research Center for Health Policy and Economics.
- There will be a selection process based on the application form. The result will be announced individually to all applicants by Friday April 14.



Lecturer  
**Professor  
Mark Sculpher**  
Center for Health Economics,  
The University of York, UK

2017 **4/27** [Thu.] **9:45-15:00**

**Venue** Otemachi Sankei Plaza 3F (311-312)

1-7-2 Otemachi, Chiyoda, Tokyo, Japan 100-0004  
Tel. +81-(0)3-3273-2230

**Access** Direct access from Otemachi Station A4-E1 Exit  
Marunouchi Line/ Hanzomon Line/ Chiyoda Line/  
Tozai Line/ Toei Mita Line 7 min.

walk from JR Tokyo Station Marunouchi Kita-guchi Exit

**Fee** 2,000 JPY (including course materials and lunch)

**Enrollment limit** 70 participants

**Organiser** Research Center for Health Policy and Economics,  
Hitotsubashi Institute for Advanced Study

**Co-sponsor** The Kikawada Foundation  
(The 21-Seiki Bunka Gakujujutsu Zaidan)

Hitotsubashi Institute for Advanced Study  
Research Center for  
Health Policy and Economics

**URL** <http://health-economics.hias.hit-u.ac.jp/english/>

**HiAS**  
Hitotsubashi  
Institute for  
Advanced Study

"Advancing Research in  
Health Economics" is  
one of the priority areas  
of researches in  
Hitotsubashi Institute for  
Advanced Study (HIAS).



一橋大学  
HITOTSUBASHI UNIVERSITY

## Economic Evaluation of Healthcare Technology: using cost-effectiveness analysis

This course consists of lectures by Professor Mark Sculpher from Center for Health Economics at the University of York in the UK, one of the leading institutes of research and education of health economics. The lectures address theory and practice of cost-effectiveness analysis of healthcare technologies.

The course is designed for post-graduate students and professionals in the health sector, and is aimed for participants to learn cost-effectiveness analysis in a practical manner by using a spreadsheet software. Japanese researchers will support the participants by answering individual questions.

|                  |             |   |
|------------------|-------------|---|
| ■ <b>Program</b> | 9:45-9:50   | Opening remarks   |
|                  | 9:50-10:00  | Overview of the course  |
|                  | 10:00-11:00 | <b>Lesson1 Methods of cost-effectiveness analysis (CEA)</b><br>(30 min lecture and 30 min practice)<br>What is cost-effectiveness analysis?<br>What measure of benefits?<br>Selecting options to compare<br>Decision rules<br>Thresholds – conceptual and empirical<br>Issues and debates |
|                  | 11:00-12:00 | <b>Lesson2 Different vehicles for CEA</b><br>(30 min lecture and 30 min practice)<br>Trials and models in cost-effectiveness analysis<br>Examples of trial-based studies<br>Problems with trial-based studies<br>Key elements of decision modelling                                       |
|                  | 12:00-13:00 | Lunch   |
|                  | 13:00-15:00 | <b>Lesson3 Introduction to decision modeling</b><br>(30 min lecture and 30 min practice)<br>Why modelling?<br>Decision trees<br>Basic Markov modelling<br>Uncertainty analysis  |

- **Things to bring** 1) Laptop PC with a spreadsheet software (MS Excel, Google Spreadsheet, etc.)  
2) a calculator (A smartphone with calculator function will do.)

■ **Course material** Course material will be prepared by the organiser

■ **Organiser** Research Center for Health Policy and Economics, Hitotsubashi Institute for Advanced Study

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### Application

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Click 



**Please apply by Monday April 10.**

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\*There will be a selection process based on the application form.

### Enquiry

<http://health-economics.hias.hit-u.ac.jp/english/contact/>

Junko MORI, University Research Administrator  
Research Center for Health Policy and Economics, Hitotsubashi Institute for Advanced Study

