



About the Workshop

We are pleased to announce a 5-day workshop on "**Health Technology Assessment: Roles, Methods and Challenges**", to be held from **13-14 July and 14-15 & 19 August, 2025 in Hong Kong**, which is offered by the Centre for Health Systems and Policy Research at the JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong.

The workshop is divided into two parts:

Part I (Day 1 – 2) will provide an overview of Health Technology Assessment (HTA), including the basic concepts, development, methodologies and real-world applications in healthcare systems on **13-14 July, 2025 (Sunday & Monday)**.

Part II (Day 3 – 5) will focus on applied learning through interactive sessions. Participants will engage in hands-on experiences to generate economic analyses, interpret data outputs, and participate in discussion forums to deepen their understanding of HTA implementation on **14-15 August (Thursday & Friday) & 19 August (Tuesday), 2025**.

Background

Health Technology Assessment (HTA) originated in the 1970s and has since gained recognition for its role in evidence-based decisions regarding new and innovative healthcare technologies, including drugs and devices. HTA is a crucial, multidisciplinary process that evaluates the benefits, efficacy, clinical and technical safety and cost-effectiveness of health interventions, informing decision-making to promote an equitable, efficient, and high-quality health system. The Centre for Health Systems & Policy Research at the JC School of Public Health & Primary Care, Faculty of Medicine, The Chinese University of Hong Kong, launches a signature 5-day HTA workshop to cover the development of HTA globally, the foundational concept, hands-on operational methods, and applications in Mainland China and the Hong Kong SAR.

Objectives

The workshop will:

1. Describe the role of Health Technology Assessment (HTA) in policy and healthcare funding decisions at the global level, with a focus on Mainland China and Hong Kong SAR;
2. Explore the key concepts, principles and methodological approaches used in conducting HTA studies;
3. Apply economic evaluation methods (including decision tree, Markov model and microsimulation) to assess the cost-effectiveness of health interventions;
4. Interpret, present, and apply economic evaluation results for health policy decision-making; and
5. Analyze the potential challenges, policy considerations and contextual factors influencing the implementation of HTA in Mainland China and Hong Kong SAR.



Target Audience

This workshop is intended for researchers, professionals and stakeholders involved in the development, evaluation, and implementation of health technologies and policies, including but not limited to:

- Policy makers and advisors at national and regional levels involved in healthcare planning and resource allocation
- Health economists, analysts, and researchers working in health systems, services, and policy
- Healthcare administrators and managers in the public and private sectors
- Professionals from pharmaceutical, biotechnology, and medical device companies, particularly those involved in market access, health economics and outcomes research, regulatory affairs, pricing and reimbursement
- Academics and postgraduate students in public health, health policy, and health economics
- Representatives from health insurance organizations, regulatory bodies, and non-governmental organizations
- Development partners and international agencies supporting health system strengthening and evidence-based decision-making

Teaching Faculty

This workshop brings together a diverse group of esteemed faculty members from across the Asia Pacific Region to share their expertise and insights.

Fudan University, China

- Professor Ying-Yao CHEN (Deputy Dean, School of Public Health)
- Dr. Yi YANG (Postdoctoral Fellow, School of Public Health)

The Chinese University of Hong Kong, Hong Kong SAR, China

- Professor Eng-Kiong YEOH (Director, Centre for Health Systems & Policy Research, JC School of Public Health & Primary Care)
- Professor Eliza Lai-Yi WONG (Associate Director (Teaching & Learning), JC School of Public Health and Primary Care)
- Professor Chi-Tim HUNG (Professor of Practice in Health Services Management, JC School of Public Health and Primary Care)
- Professor Benjamin Hon-Kei YIP (Associate Professor, JC School of Public Health and Primary Care)
- Professor Jing CHEN (Research Assistant Professor, JC School of Public Health and Primary Care)
- Professor Juliana NM LUI (Research Assistant Professor, Department of Medicine & Therapeutics)
- Professor Kailu WANG (Research Assistant Professor, JC School of Public Health and Primary Care)
- Professor April WU (Research Assistant Professor, JC School of Public Health and Primary Care)



Outline of 5-day Workshop (9:00 am-5:00 pm)

Day	Topics
Day 1	Health Technology Assessment (HTA): International Development and Trends, and Application Procedure in Mainland China
	HTA: Perspectives in the Hong Kong Context
	Methodology for Efficacy and Effectiveness
	Concept of Patient Reported Outcomes
	Ethical Evaluation
	Hospital HTA Development Globally
Day 2	Methods for Economic Evaluation & Budget Impact Analysis
	Case Study of Immunotherapy Drug Therapy for Cancers
	Challenges in HTA
Day 3	Preference Elicitation Methods
	Decision Tree Analysis
Day 4	Markov Modelling (I)
	Markov Modelling (II)
Day 5	Microsimulation
	Discussion Forum: Development & Application of HTA in Hong Kong SAR

Please refer to *Appendix 1* for the programme rundown.

Venue: KCTCRC, 1/F, School of Public Health Building, Prince of Wales Hospital, Shatin, HONG KONG

Registration Fee

The full workshop fee is HK\$15,000. We are now pleased to offer a **20% group discount for registrations of three or more participants**, bringing the fee to HK\$12,000 per person.

Participants (or their sponsoring organizations) are responsible for all other expenses, including travel, accommodation, health and accident insurance, and personal costs incurred during their stay in Hong Kong.

Please note that spaces are limited, and early registration is encouraged.

Registration Link

Please fill in the registration link: https://cuhk.qualtrics.com/jfe/form/SV_3OZeF8dxTvSf34W





For inquiries, please contact Ms. MIAO Ho Yee at +852 2252 8783 (hoyeemiao@cuhk.edu.hk).



Appendix 1 – Programme Rundown (As of 20250618)

PART I WORKSHOP OVERVIEW

Date: 13-14 July, 2025

Venue: KCTCRC, 1/F School of Public Health Building, Prince of Wales Hospital, Shatin, Hong Kong

Day 1 (13 July 2025)

8:30 AM - 9:00 AM | Registration

9:00 AM - 9:15 AM | Opening Session

9:15 AM - 10:45 AM | Lecture 1

Topic: Health Technology Assessment: International Development and Trends, and Application Procedure in Mainland China

Speaker: Professor Ying-Yao CHEN, Deputy Dean, School of Public Health, Fudan University, China

10:45 AM - 11:00 AM | Tea & Refreshments

11:00 AM - 11:45 AM | Lecture 2

Topic: Health Technology Assessment: Perspectives in the Hong Kong Context

Speaker: Professor Eng-Kiong YEOH, Director, Centre for Health Systems & Policy Research, JC School of Public Health & Primary Care, Faculty of Medicine, The Chinese University of Hong Kong

11:45 AM - 12:45 PM | Lecture 3

Topic: Methodology for Efficacy and Effectiveness

Speaker: Dr. Yi YANG, Postdoctoral Fellow, School of Public Health, Fudan University, China

12:45 PM – 2:00 PM Lunch break

2:00 PM – 3:00 PM | Lecture 4

Topic: Concept of Patient Reported Outcomes

Speaker: Dr. Yi YANG, Postdoctoral Fellow, School of Public Health, Fudan University, China

3:00 PM – 4:00 PM | Lecture 5

Topic: Ethical Evaluation

Speaker: Professor Ying-Yao CHEN, Deputy Dean, School of Public Health, Fudan University, China

4:00 PM – 4:15 PM | Tea & Refreshments

4:15 PM – 5:15 PM | Lecture 6

Topic: Hospital HTA Development Globally

Speaker: Professor Ying-Yao CHEN, Deputy Dean, School of Public Health, Fudan University, China



Day 2 (14 July 2025)

8:45 AM - 9:00 AM | Registration

9:00 AM – 12:00 PM | Lecture 1

Topic: Methods for Economic Evaluation & Budget Impact Analysis

Speaker: Professor Ying-Yao CHEN, Deputy Dean, School of Public Health, Fudan University, China

12:00 PM – 2:00 PM Lunch break

2:00 PM – 4:00 PM | Lecture 2

Topic: Case Study of Immunotherapy Drug Therapy for Cancers

Speaker: Dr. Yi YANG, Postdoctoral Fellow, School of Public Health, Fudan University, China

4:00 PM – 4:15 PM | Tea & Refreshments

4:15 PM – 5:15 PM | Lecture 3

Topic: Challenges in HTA

Speaker: Professor Ying-Yao CHEN, Deputy Dean, School of Public Health, Fudan University, China



PART II WORKSHOP OVERVIEW

Date: 14-15 & 19 August, 2025

Venue: KCTCRC, 1/F School of Public Health Building, Prince of Wales Hospital, Shatin, Hong Kong

Day 3 (14 August 2025)

8:45 AM - 9:00 AM | Registration

9:00 AM – 12:00 PM | Workshop 1

Topic: Preference Elicitation Methods

Speaker:

Professor Eliza Lai-Yi WONG, *Associate Director (Teaching & Learning), JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong*

Professor Kailu WANG, *Research Assistant Professor, JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong*

12:00 PM – 2:00 PM Lunch break

2:00 PM – 5:00 PM | Workshop 2

Topic: Excel lab: Decision Tree Analysis

Speaker: Professor Benjamin Hon-Kei YIP, *Associate Professor, JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong*

Day 4 (15 August 2025)

8:45 AM - 9:00 AM | Registration

9:00 AM – 12:00 noon | Workshop 1

Topic: Excel lab: Markov Modelling (I)

Speaker: Professor Benjamin Hon-Kei YIP, *Associate Professor, JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong*

12:00 PM – 2:00 PM Lunch break

2:00 PM – 5:00 PM | Workshop 2

Topic: Excel lab: Markov Modelling (II)

Speaker:

Professor Benjamin Hon-Kei YIP, *Associate Professor, JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong*

Professor Juliana NM LUI, *Research Assistant Professor, Department of Medicine & Therapeutics, Faculty of Medicine, The Chinese University of Hong Kong*



Day 5 (19 August 2025)

8:45 AM - 9:00 AM | Registration

9:00 AM – 12:00 PM | Workshop 1

Topic: Excel lab: Microsimulation

Speaker: Professor Jing CHEN, Research Assistant Professor, JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong

12:00 PM – 2:00 PM Lunch break

2:00 PM – 4:45 PM | Discussion Forum

Topic: Development and Application of HTA in Hong Kong SAR

Discussion lead:

Professor Chi-Tim HUNG, Professor of Practice in Health Services Management, Associate Director (Training and Development), Centre for Health Systems and Policy Research, JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong

Professor April WU, Research Assistant Professor, JC School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong

4:45 PM – 5:00 PM | Certificate Presentation
