

Health Technology Assessment & the Art of Decision Making Workshop

26 - 28 February 2020
Grand Copthorne Waterfront Hotel

WORKSHOP PROGRAMME

Learning outcomes

- Understand the range of processes and methods used in conducting HTA in Singapore
- Develop critical appraisal skills to assess the clinical and economic evidence of health technologies
- Understand the key considerations and trade-offs of employing HTA to inform decision-making in Singapore
- Apply principles of HTA, including economic evaluation, to guide the introduction of new drugs and medical technologies in institutions

Day 1 – 26 February 2020, Wednesday		
Theme: Assessment of Clinical Effectiveness & Safety Evidence		
Time	Agenda	Faculty
8:45 – 9:00	Registration	
9:00 – 9:15	Opening Address by Executive Director [Agency for Care Effectiveness (ACE)]	
9:15 – 10:30	<ul style="list-style-type: none"> • Overview of Health Technology Assessment (HTA) and its role in policy decision-making • Framing the policy and research question • <i>Hands-on exercise on defining PICO (Population, Intervention, Comparator, Outcome)</i> 	Prof Tracy Merlin Prof Jonathan Craig Prof Tracy Merlin
10:30 – 10:45	Morning Tea	
10:45 – 13:00	<ul style="list-style-type: none"> • Developing the search strategy and selection of evidence • Critical appraisal of study design and execution • <i>Hands-on exercise on the critical appraisal of randomised controlled trial (RCT)</i> 	Prof Tracy Merlin
13:00 – 13:45	Lunch	
13:45 – 16:00	<ul style="list-style-type: none"> • Interpretation and appraisal of meta-analyses • <i>Hands-on exercise on the critical appraisal of meta-analysis</i> 	Prof Tracy Merlin
16:00 – 16:15	Afternoon Tea	
16:15 – 17:15	<ul style="list-style-type: none"> • Determining clinical significance, applicability and Minimal Clinically Important Difference (MCID) 	Prof Jonathan Craig
17:15	End	

Day 2 – 27 February 2020, Thursday		
Theme: Assessment of Modelled and Economic Evidence		
Time	Agenda	Faculty
8:45 – 9:00	Registration	
9:00 – 10:30	<ul style="list-style-type: none"> • Evaluation of medical tests, using a linked evidence approach 	Prof Tracy Merlin
10:30 – 10:45	Morning Tea	
10:45 – 12:45	<ul style="list-style-type: none"> • Overview of economic evaluation • Measuring costs • <i>Hands-on exercise on costing</i> • Measuring health outcomes • <i>Hands-on exercise to derive utility</i> 	Ms Camille Schubert
12:45 – 13:30	Lunch	
13:30 – 15:45	<ul style="list-style-type: none"> • Translating clinical data to inform the economic decision • Trial-based analysis vs modelled analysis • Time horizon, discounting and extrapolation • <i>Hands-on exercise to calculate the Incremental Cost Effectiveness Ratio (ICER)</i> • Interpretation of ICERs • ICER thresholds 	Ms Camille Schubert Adj A/Prof Kwong Ng
15:45 – 16:00	Afternoon Tea	
16:00 – 17:15	<ul style="list-style-type: none"> • Critical appraisal of cost-effectiveness analysis (CEA) • <i>Hands-on exercise to critique CEA studies</i> 	Ms Camille Schubert
17:15	End	

Day 3 – 28 February 2020, Friday		
Theme: Employing HTA in Decision-Making		
Time	Agenda	Faculty
8:45 – 9:00	Registration	
9:00 – 10:45	<ul style="list-style-type: none"> • Hospital based HTA • Overview of process and decision-making criteria of Drug Advisory Committee (DAC) and Medical Technology Advisory Committee (MTAC) 	Prof Tracy Merlin Adj A/Prof Kwong Ng
10:45 – 11:00	Morning Tea	
11:00 – 13:00	<ul style="list-style-type: none"> • Role play as a member of the Ministry of Health Drug Advisory Committee (DAC) to deliberate a subsidy recommendation for a drug 	Prof Jonathan Craig
13:00 – 13:15	Workshop Evaluation & Photo Taking	
13:15 – 14:15	Closing Lunch with Director of Medical Services, Ministry of Health	
14:15	End	