

# Health Economic Evaluation Alongside Clinical Studies

14 – 15 Sept 2017 (Thurs – Fri)

Room 5C, Duke-NUS Medical School, 8 College Road, Singapore 169857

## DAY 1: Introduction to Study Design

<u>s/n</u>	<u>Time</u>	<u>Topic</u>	<u>Format</u>
	08:30 – 09:00	<i>Registration</i>	
1.1	09:00 – 09:15	Welcome & Objectives	
1.2	09:15 – 09:45	Introduction to Health Economic Evaluation	Lecture
1.3	09:45 – 10:15	Methods of Health Economic Evaluation	Lecture
	10:15 – 10:30	<i>Tea break</i>	
1.4	10:30 – 11:15	Trial-based Economic Evaluations	Lecture
1.5	11:15 – 12:00	Measuring and Valuing Benefits: Health Gain	Lecture
	12:00 – 13:00	<i>Lunch</i>	
1.6	13:00 – 13:30	Measuring QALY	Lecture
1.7	13:30 – 14:15	<b>Group Exercise:</b> Measuring QALY (Excel)	Exercise
1.8	14:15 – 15:00	Identifying and Measuring Medical Service Utilization and Costs	Lecture
	15:00 – 15:15	<i>Tea break</i>	
1.9	15:15 – 16:00	Discounting Future Costs	Lecture
1.10	16:00 – 17:00	<b>Group Exercise:</b> Discounting (Excel)	Exercise
	17:00	<i>End of Day 1</i>	

## DAY 2: Introduction to Analysis

<u>s/n</u>	<u>Time</u>	<u>Topic</u>	<u>Format</u>
	08:30 – 09:00	<i>Registration</i>	
2.1	09:00 – 09:45	Statistical Considerations in Trial-based Economic Evaluations	Lecture
2.2	09:45 – 10:30	Decision Tree and Markov Model in Economic Evaluations	Lecture
	10:30 – 10:45	<i>Tea break</i>	
2.3	10:45 – 12:15	Introduction to TreeAge Pro and Healthcare Models	Webinar
	12:15 – 13:00	<i>Lunch</i>	
2.4	13:00 – 14:45	Build and Analyze a Markov Model	Webinar
2.5	14:45 – 15:30	Understanding Sampling Uncertainty and Sensitivity Analysis	Lecture
	15:30 – 15:45	<i>Tea break</i>	
2.6	15:45 – 16:15	Understanding and Interpreting Modelling Results	Lecture
2.7	16:15 – 17:15	<b>Group Exercise:</b> Developing a Markov Model (TreeAge)	Exercise
	17:15	<i>End of Day 2</i>	