Health Economics and Outcomes Research (HEOR)
Modeling in Practice
8 August 2018, 2:00-6:30 PM
Asian Institute of Management (AIM)

1:30 – 2:00	**Registration**	
2:00 – 2:15	**Introductions and overview of the day**	- **Agenda** - **Introduction of speaker and participants**
2:15 – 2:45	**Introduction to HEOR Model Application**	- Why we model - Industry models vs. academic models vs HTA models - Review of model types and when to apply each
2:45 – 3:00	*Practical*: Case Study	- Selecting a model design to meet the business purpose and stakeholder needs - Participants will work in groups of 2-3 and will report ideas back to the group
3:00 – 3:30	**Model Scoping**	- How to start a brand new model - Creating a model framework - Sourcing model data (including watch-outs for statistical transformations) - Tips for creating a model work plan
	Practical: Model Scoping and Planning	- Introduce Case Study: "City Disease" - Use case to apply lessons for model scoping and planning
4:00 – 4:30	**Break**	
4:30– 5:15	**Modelling for HTA**	- Creating a simple Markov - Building in QALYs and DALYs
5:15 – 5:45	**Introduction to Excel VBA**	- Why VBA? - Review of logic behind code and useful commands for modelling
5:45 – 6:15	*VBA practice session*	- Practice performing basic VBA modelling functions (worksheet to be provided)
6:15 – 6:30	**Q&A and Discussion Wrap Up**	