



GENERATING AND USING ELICITED EVIDENCE FOR ECONOMIC EVALUATION

Background: Many decision making bodies use a rigorous health technology assessment (HTA) process to appraise technologies. Evidence to inform an economic assessment is often drawn from a variety of sources including the use of expert opinion. An elicitation method links experts' beliefs to an expression of these in a statistical form. Formal elicitation methods are gaining momentum in economic evaluation but still there are few practical applications. There is a time burden in designing and conducting formal elicitation. However, elicited evidence may be extremely valuable, particularly where there is sparse data, significant uncertainties or bias.

Description and Objectives: The course aims to guide the participant through the process of designing and conducting an elicitation task to inform an economic evaluation. In addition it will look at methods to synthesise experts' beliefs and how to incorporate elicited evidence into a decision model. This will be achieved through a combination of presentations, discussions and practical exercises.

Specifically the objectives of the course are:

- To introduce the concepts of elicitation
- To describe its potential uses within a HTA process
- To describe the steps in designing, conducting and analysing the results of an elicitation exercise.
- Offer 'real world' examples



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- Provide an opportunity for 'hands on' experience of an elicitation
- To discuss potential caveats of elicitation
- To describe methods to minimise methodology and expert bias

Course Director: Laura Bojke, PhD, MSc. Laura is a Health Economist working at the Centre for Health Economics, University of York. She joined the economic evaluation team in 1999. Laura completed her PhD at the University of York, looking at structural uncertainty in decision analytic models and the use of expert elicitation in health technology assessment. She has considerable experience in economic evaluation, both trials based and modelling projects. She has worked on a number of projects applying methods of elicitation to economic evaluation.

Course Director: Marta Soares, Msc. Marta Soares joined the Centre for Health Economics, University of York) in 2009. She holds an MSc in Biostatistics awarded by the University of Lisbon in 2008. She previously worked in the Department of Health Sciences (University of York) and in a health economics and health outcomes private consultancy company in Portugal. Marta's research interests are related to the development and application of statistical, econometric and decision analysis methods in all components of health technology assessment and value of further research analysis. She has worked on a number of projects applying methods of elicitation to economic evaluation.