

# WORKSHOP 4

Wednesday, 19 October  
9:00 AM – 12:00 PM

Level: Basic

## ***Developments in preference-based measures of health: scoring approaches and guidance***

In this workshop, we will provide an overview of the main approaches to generating health utility scores. Most direct utility measures draw from a multi-attribute utility framework, and estimate a scoring function from stated preferences elicited from the general population. An alternative approach has been to map responses from a non-utility measure of health onto a utility measure. The popularity of both approaches has grown due to the increasing recognition that utility scores are needed to facilitate the calculation of quality-adjusted life-years (QALYs) for the purpose of informing resource allocation in health care. To help guide the selection, review, and appraisal of valuation/utility studies, a Checklist for REporting valuATIOn studies (CREATE) was recently published. Similarly, the MAPS statement (MApping onto Preference-based measures reporting Standards) was published to provide guidance on mapping research. We will provide hands-on experience scoring each type of measure and apply each checklist to illustrate how they can be used to appraise health utility studies. Finally, we will review the Health Technology Assessment guidance by various countries in terms of recommendations on approaches to generating utilities for QALY calculations.

## PRESENTERS



### **A. Simon Pickard, PhD**

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## WORKSHOP GOALS

1. To discuss the strength and weaknesses of main approaches (i.e. direct and mapping) to generate utility scores
2. To provide hands-on experience using published algorithms to calculate a health utility score
3. To introduce checklists that can facilitate the assessment of the quality of reporting of mapping studies and direct utility studies
4. Discuss HTA guidance from countries around the world on the appropriateness of different approaches to generating utility scores

## INTENDED AUDIENCE:

ISOQOL attendees interested in how to use, select, and critically appraise preference-based measures

## ***LEARNING OBJECTIVES:***

- To be able to discuss the strength and weaknesses of main approaches (i.e. direct and mapping) to generate utility scores
- To be able to appraise the reporting quality of direct utility and mapping studies
- To be able to identify the preferred measures/approaches stated in HTA guidance