

2011 Rates
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YORK EXPERT WORKSHOPS

IN THE SOCIO ECONOMIC EVALUATION OF MEDICINES

St. William's College
Conference Centre
York United Kingdom

THE UNIVERSITY *of* York



Quality of Life
27 June – 29 June 2012 (3 days)

Foundations of Economic Evaluation in Health Care
2 July – 6 July 2012 (5 days)

Advanced Methods for Cost-Effectiveness Analysis:
Meeting Decision Makers' Requirements
9 July – 13 July 2012 (5 days)



Centre For Health Economics



A CENTRE FOR EXCELLENCE & WINNER OF A QUEEN'S ANNIVERSARY PRIZE IN 2007

The York Expert Workshops are now in their 19th year. Over this period, decision-makers' demands for information on the cost-effectiveness of health technologies have become more extensive and more sophisticated. At least 7 European countries and several managed care groups in the USA now require formal submissions of economic data as part of the reimbursement process for medicines.

In order to keep pace with these developments, the York Expert Workshops programme is frequently updated, ensuring continued success. Several years ago our Advanced Workshop was extended from 3 to 5 days and structured according to the main steps necessary to generate estimates of cost-effectiveness for a specific decision-maker, such as a reimbursement agency or health care payer. The Advanced Workshop goes beyond the exposition of general principles and includes detailed discussion of the analytic approaches required to compile an economic dossier, using a mixture of presentations, tutored sessions and practical exercises.

In 2008 our Foundations Workshop was also extended from 3 to 5 days, in response to participants' requests for more case studies and exercises. In addition, the statistical issues are now discussed in more depth so that participants are better prepared for more advanced study.

Our 3-day Quality of Life Workshop provides a detailed introduction to the theory and practice of quality of life measurement with particular emphasis on its use in economic evaluation.

OBJECTIVES

- To inform and promote understanding in key areas of quality of life assessment and health economic evaluation.
- How to decide whether a particular evaluation is necessary.
 - How to choose a particular methodology.
 - How to identify the data required and appropriate instruments for data collection.
 - How to undertake appropriate analysis.
 - How to communicate the results effectively.

CREATED FOR

- Anyone involved in initiating, undertaking, managing or interpreting economic evaluations or quality of life assessments of medicines.
- Within:
 - pharmaceutical and medical device companies
 - clinical and health services research
 - health care decision-making

WORKSHOP DOCUMENTATION

Each participant receives a bound copy of each day's teaching presentations and a bibliography linked to the subject area. In addition, electronic versions of the bibliography and teaching presentations are supplied to each participant on a memory stick.

Quality of Life

Wednesday 27 June – Friday 29 June 2012 (3 day workshop)
Leader: Paul Kind

The 3-day Quality of Life Workshop provides a detailed introduction to the theory and practice of quality of life measurement with particular emphasis on its use in economic evaluation. Workshop lectures cover all aspects of the design, construction and use of quality of life measures. Linked 'hands-on' sessions deal with the use of preference methods for valuing health such as time trade-off and standard gamble, as well as simpler, non-preference methods. The workshop includes a state-of-the-art review of quality of life measurement covering the principal generic instruments including SF-36 and its derivatives, HUI and EQ-5D, as well as the status of other patient-reported outcome measures. Methods for deriving appropriate outcome measures in the absence of quality of life data in clinical trials, will be demonstrated. Particular attention will be given to the use of quality of life data in technology appraisals published by the UK National Institute for Health and Clinical Excellence (NICE).

The Quality of Life Workshop delivers a comprehensive grounding in this highly specialised field and is designed to provide an in-depth briefing for those concerned with the measurement and valuation of health outcomes in the evaluation of new health technologies.

Outline of course schedule

27 June Concepts and methods

- How are measures designed and constructed?
- From HrQoL to PRO – a theoretical framework.
 - Preference measurement methods – from scale values to utilities.
 - Psychometrics in action – the performance characteristics of HrQoL measurement systems.
 - *Evening: Welcome Drinks*

28 June Quality of life measures: state of the art

- What are the strengths and weaknesses of different HrQoL measures?
- Condition-specific/targeted measures – including selected examples from oncology, psychiatry, cardiology and rheumatology.
 - A critical review of generic measures including SF-36, HUI and EQ-5D.
 - HrQoL measurement in the digital era.
 - Criteria for instrument selection – weighing the evidence: reviewing the published literature.
 - *Evening: Course Dinner*

29 June From theory to practice

- How are HrQoL measures used in evaluative studies?
- Clinical data for economic analysis – constructing 'crosswalk' algorithms.
 - Harvesting utility estimates from the literature and other published sources – a health warning.
 - Taking sides – establishing the case for/against the use of HrQoL data to put the "Q" in QALYs.

Linked practical sessions include:

- Valuation techniques – including time trade-off and standard gamble.
- Analysis and reporting of quality of life data.
- Interpreting the evidence – case studies of published literature.

Additional faculty for this Workshop will be provided by Andrew Lloyd, a Director at Oxford Outcomes Ltd within its PRO Group. He has a background in cognitive and health psychology and completed his DPhil in the Psychology Department at the University of York in 1997. Prior to joining Oxford Outcomes, Andrew was a Research Scientist and Deputy Director at United BioSource Corporation (UBC) in London. Andrew has undertaken work in a broad range of therapeutic areas including oncology, diabetes, asthma, and vascular disease.

Quality of Life Workshop timings

Workshop starts:	9.30am on Wednesday 27 June (Registration from 8.45am)
Normal workshop day:	9.00am – 5.00pm
Workshop closes:	4.00pm on Friday 29 June

Foundations of Economic Evaluation in Health Care

Monday 2 July – Friday 6 July 2012 (5 day workshop)
Leaders: Michael Drummond, Mark Sculpher

The 5-day Foundations Workshop includes a comprehensive coverage of all key issues in the methodology and practice of economic evaluation. It is designed for those, new to the field, wishing to appreciate and appraise studies done by others, or requiring a foundation for more advanced study. It includes discussion of the main design features of studies, such as costing methods, health state preference valuation, integrating economic analysis with clinical trials and modelling approaches. Also, given the increasing demands for studies by health care decision makers, such as the National Institute for Health and Clinical Excellence (NICE) in the UK, there is in-depth discussion of official requirements and the perspectives of decision makers.

The majority of the formal lectures are given by Professor Michael Drummond and Professor Mark Sculpher. In addition there are a number of tutored practical group exercises. The Foundations Workshop fee includes a complimentary copy of the 3rd edition of 'Methods for the Economic Evaluation of Health Care Programmes' by Michael Drummond and others.

Outline of course schedule

2 July Introduction to economic evaluation

- Introduction to the basic methods of economic evaluation.
- Theoretical foundations of economic evaluation.
- Guidelines for the conduct of economic evaluation.
- Critical appraisal – how to tell a good study from a bad one.
- *Evening: Welcome Reception*

3 July Measuring and valuing costs and benefits

- Identifying and measuring costs.
- Costing exercise.
- Discounting future costs.
- Measuring and valuing benefits in economic evaluations.
- Utilities, quality-adjusted life-years and willingness-to-pay.
- Exercise: Utility measurement.

4 July Economic evaluation using individual patient data

- Trial based economic evaluations.
- Statistical considerations in the analysis of individual patient data.
- Exercise: Analysis of individual patient data in a clinical trial.

5 July Economic evaluation using decision analytic modelling

- Basics of decision-analytic modelling.
- Advanced modelling issues (modelling progression of disease, probabilistic analysis).
- Exercise: Decision analytic modelling.
- *Evening: Course Dinner*

6 July Economic evaluation and healthcare decision-making

- Using economic evaluation for pricing and reimbursement decisions: issues and controversies.
- Formulary Committee Exercise: How to get your drug listed
- Panel discussion.

If you are uncertain about whether the Foundations Workshop or the Advanced Workshop would be more suitable for you, please take a short assessment test at:

www.york.ac.uk/media/che/documents/FoundationsOrAdvanced.pdf

Foundations Workshop timings

Workshop starts: 9.30am on Monday 2 July
(Registration from 8.45am)
Normal workshop day: 9.00am – 5.00pm
Workshop closes: 1.00pm with lunch on Friday 6 July

Advanced Methods for Cost-Effectiveness Analysis: Meeting Decision Makers' Requirements

Monday 9 July – Friday 13 July 2012 (5 day workshop)
Leaders: Mark Sculpher, Michael Drummond

The 5-day Advanced Workshop deals with advanced methods in cost-effectiveness analysis for pharmaceuticals and other health care technologies. It is structured around the analytical steps required to develop economic analyses to inform decision makers such as reimbursement agencies, hospital managers and formulary committees. It is informed particularly by the National Institute for Health and Clinical Excellence (NICE) methods guidance for cost-effectiveness analysis which was updated in 2008 (with a further update planned for 2012). In addition to presentations, the workshop includes a series of small group exercises focusing on the development and analysis of a decision model, and includes computer-based work.

In order to be eligible for the Advanced Workshop, participants must be familiar with, and understand, Drummond et al 1997 or 2005 (Methods for the Economic Evaluation of Health Care Programmes, Oxford: OUP, 2nd or 3rd Edition).

The Faculty will come from the Team for Economic Evaluation and Health Technology Assessment at the Centre for Health Economics, University of York.

Outline of course schedule

9 July Starting points and populating models with appropriate evidence

- Economic evaluation and policy.
- Analytical starting points including cost-effectiveness decision rules.
- Defining decision problems – patient populations and comparators.
- Sub-groups and heterogeneity in economic appraisal.
- *Evening: Welcome Reception*

10 July Structuring decision models and populating models with appropriate evidence

- Populating decision models with effectiveness evidence: meta-analysis, indirect and mixed treatment comparisons.
- Populating decision models with health values: alternative data sources, mapping methods and analytical methods for utilities.
- Populating decision models with cost data.

11 July Using models in decision making

- Uncertainty in decision models: probabilistic analysis; cost-effectiveness acceptability curves.
- Making decisions about technology adoption and the value of additional research: the concept of decision uncertainty; expected value of perfect and sample information.

12 July Individual patient data for economic evaluation

- Key concepts in using trial data for economic evaluation.
- Presenting uncertainty in incremental cost-effectiveness ratios including Fieller's methods and bootstrapping.
- Net monetary benefits.
- Using regression methods: modelling sub-group heterogeneity; analysing multi-national and multi-centre trials.
- *Evening: Course Dinner*

13 July

- Generalisability and transferability of analyses.
- International methods guidelines.
- Panel session.

Advanced Workshop timings

Workshop starts: 9.45am on Monday 9 July
(Registration from 8.45am)
Normal workshop day: 9.00am – 5.00pm
Workshop closes: 12.30pm with lunch on Friday 13 July

REGISTRATION FORM

Please complete and return to:

Mrs Vanessa King, Workshop Coordinator

York Expert Workshops

Centre for Health Economics

Alcuin A. Block, University of York

YORK, YO10 5DD, United Kingdom

or Fax to: UK: 01904 321402

International: +44 1904 321402

e-mail: irss82@york.ac.uk

Please write clearly using BLOCK CAPITALS –
(Photocopy for multiple registrations)

Title: (Dr/Mr/Mrs/Ms)
Surname/Family Name:
First Name:
Your name as you would like it to appear on your name badge:
Job Position:
Main Job Activity:
Company/Organisation:
Department:
Address:
Postcode: Country:
Telephone:
Fax:
e-mail:
Special dietary or other requirements:

Data Protection:

We never transfer delegate data to third parties. We occasionally send news updates and information to delegates about our forthcoming courses and events. We usually enlist the services of a professional and/or casual photographer who will take one or two group shots of our courses/events for the purpose of our promoting them within our web site or future course marketing materials.

Please tick this box if you DO NOT wish your photograph to be taken and used for this purpose.

Cancellation and Indemnity:

A full refund of course fees (less 10% administrative charge) will be made for cancellations received in writing at least one month prior to each Workshop. Substitutes can be made but please e-mail or fax new delegate details when known. **Cancellations made less than one month prior to each Workshop are not refundable.**

In the unlikely event that, due to unforeseen circumstances, any of the York Expert Workshops have to be cancelled by the University of York, our liability is limited to **refund of workshop fees only**. We recommend that delegates have adequate insurance cover to claim any travel or personal expenses.

I would like to register for:

Quality of Life

(27 June – 29 June 2012) (3 days)

£1400.00 (before 20 April 2012)

£1470.00 (after 20 April 2012)

£1015.00 (Public Sector rate only)

Foundations of Economic Evaluation in Health Care

(2 July – 6 July 2012) (5 days)

£2320.00 (before 20 April 2012)

£2425.00 (after 20 April 2012)

£1700.00 (Public Sector rate only)

Advanced Methods for Cost-Effectiveness Analysis: Meeting Decision Makers' Requirements

(9 July – 13 July 2012) (5 days)

£2320.00 (before 20 April 2012)

£2425.00 (after 20 April 2012)

£1700.00 (Public Sector rate only)

TOTAL:

£

METHODS OF PAYMENT FOR REGISTRATION FEE:

Payment can be made by cheque in GB pounds made payable to the **University of York**. Payment can also be made by credit card* (Visa or MasterCard), or the University can issue an Invoice* upon receipt of an official Purchase Order.

* Please contact us for details of these payment methods.

Please note that our registration fees are VAT exempt, i.e. VAT is not payable.

Registration fees are fully inclusive of tuition, course materials, lunch and refreshments at the workshop venue, Welcome Reception and Course Dinner, but do not include accommodation.

Please ensure that you have secured the appropriate funding from your company/organisation before you register on these workshops, and (if applicable) that you allow yourself plenty of time to apply for any visas you may require in order to enter the UK, as you may experience some delay getting these processed.

Please note that you do not have a place reserved* or secured on these workshops until:**

* **you have received a formal letter to your email address acknowledging your registration;**

** **we have received your registration fee payment.**

**PLACES ON THESE WORKSHOPS CAN
FILL QUICKLY SO PLEASE CONTACT US
IMMEDIATELY TO RESERVE YOUR PLACE:**

Tel: +44 (0)1904 321450

Fax: +44 (0)1904 321402

e-mail: irss82@york.ac.uk

Web:

www.york.ac.uk/che/courses/short/york-expert-workshops/

On-line registration booking is available.



WORKSHOP DATES

Quality of Life

Wednesday 27 June –
Friday 29 June 2012

Foundations of Economic Evaluation in Health Care

Monday 2 July –
Friday 6 July 2012

Advanced Methods for Cost-Effectiveness Analysis:
Meeting Decision Makers' Requirements

Monday 9 July –
Friday 13 July 2012

Workshop Venue

St. William's College, York Minster Conference Centre,
5 College Street, York, United Kingdom
Please note:

- The St. William's College workshop venue is located adjacent to York Minster in York City Centre, and is not part of, or associated with, the University of York or its campus.
- The venue lies within a Grade I listed building, therefore disabled access is minimal.

Accommodation

The workshop venue does not have accommodation on-site, but there are numerous establishments within easy walking distance of the venue. Accommodation fees are additional and to be paid separate to the registration fee.

Delegates are responsible for booking their accommodation and arranging payment directly with a hotel of their own choice. Once delegates have completed and returned their Registration Form to the Workshop Coordinator, they will be emailed a formal letter of provisional confirmation which includes information and guidance on booking accommodation in York. This accommodation information can also be found at: www.york.ac.uk/media/che/documents/YEWAaccommodationInformation.pdf

Meals

Coffee and Tea refreshments will be provided during the morning and afternoon sessions and a Buffet Lunch served. There will be a Welcome Reception and a Course Dinner hosted on two separate evenings of each workshop. These are all included in the workshop registration fee for delegates.

Registration Fees

Early booking fee (before 20 April 2012):

Quality of Life: £1400.00
Foundations or Advanced: £2320.00 per workshop

Standard booking fee (after 20 April 2012):

Quality of Life: £1470.00
Foundations or Advanced: £2425.00 per workshop

Special discount for public sector employees:

Quality of Life: £1015.00
Foundations or Advanced: £1700.00 per workshop

Please note our registration fees are VAT exempt, i.e. VAT is not payable.

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e-mail: irss82@york.ac.uk

Web: www.york.ac.uk/che/courses/short/york-expert-workshops/
(on-line registration booking is available)

THE COURSE LEADERS

Well respected in health economics in the UK and overseas, Paul Kind, Mike Drummond and Mark Sculpher will ensure the Workshops are accessible, informative and enjoyable, whether your background is in the health sciences industry or in clinical research.

PAUL KIND

Paul Kind is an Honorary Professor of Health Economics at the University of York. He has more than 30 years experience as a researcher in the field of health status measurement and has specialist knowledge of all aspects of the design and use of measures of health outcomes. He is a regular contributor to postgraduate teaching courses in Europe and the USA. He has been a Visiting Professor at the University of Wisconsin-Madison and the University of Uppsala, Sweden. In addition to his work at the Centre, Paul collaborates with clinicians and researchers in the pharmaceutical industry in several different therapeutic areas and acts as an international consultant in the field of outcome measurement. As a founder member and past-President of the EuroQoL Group, Paul has unrivalled knowledge of the EQ-5D. Paul was elected to the Board of ISPOR in 2008 and has served in a similar capacity for ISOQOL.

Other researchers with specific areas of expertise will also contribute to the Workshops.

MIKE DRUMMOND

Mike Drummond is a Professor of Health Economics and former Director of the Centre for Health Economics, University of York. He is a past-president of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) and an author

of the best known textbook on the Methods for the Economic Evaluation of Health Care Programmes. He has extensive experience of research into the economic evaluation of medicines and has consulted with many major companies. He has also advised the World Health Organization, the European Union and a number of governments on policies for economic evaluation of health technology. He is currently a member of the Guidelines Review Panels of the National Institute for Health and Clinical Excellence (NICE) and is Co-Editor-in-Chief of *Value in Health*.

MARK SCULPHER

Mark Sculpher is a Professor of Health Economics and leads the Team for Economic Evaluation and Health Technology Assessment at the Centre for Health Economics, University of York. Between 1988 and 1997 he worked at the Health Economics Research Group at Brunel University; during 1998 he was a Visiting Professor in the Department of Clinical Epidemiology and Biostatistics at McMaster University in Canada. Mark was an advisor to NICE's Methods Working Group for its 2008 methods guidance update. He has been a member of NICE's Technology Appraisal Committee, NICE's Public Health Interventions Advisory Committee, and currently sits on NICE's Diagnostic Advisory Committee. Mark is also a member of the UK Medical Research Council's Methodology Research Panel, and is currently President of the International Society of Pharmacoeconomics and Outcomes Research (ISPOR). He has extensive knowledge of all areas of economic evaluation, particularly decision modelling and uncertainty and heterogeneity analysis.

NB: The Centre for Health Economics reserves the right to amend these provisional workshops slightly, but all delegates will be informed of precise programme details prior to the workshops.

YORK – A SUPERB SETTING

Set in rolling green English countryside, within easy reach of stunning moorland scenery in the Yorkshire Dales and North York Moors, York is a fascinating and beautiful walled medieval city. History abounds – from Roman heritage, the famous Jorvik Viking Centre to the magnificent Minster and through to the present day.

ST. WILLIAM'S COLLEGE

St. William's College, in College Street, York City Centre is a superb half-timbered medieval building. Built in 1461 in the shadow of York Minster, it was originally a college for Minster priests. One of York's most atmospheric buildings, St. William's College has a wealth of interesting features and has been restored to its former glory; housing a popular restaurant and used for conferences, exhibitions and receptions. (Please note that the St. William's College workshop venue is not part of, or associated with, the University of York or its campus, and that as it is a Grade I listed building, disabled access is minimal.)

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For further information about the Centre for Health Economics visit our internet site at:
www.york.ac.uk/che/

This brochure can be viewed on-line at:
www.york.ac.uk/che/courses/short/york-expert-workshops/
(on-line registration booking is available)

