YORK EXPERT WORKSHOPS

IN THE

SOCIO ECONOMIC

EVALUATION OF MEDICINES

St. William’s College
Conference Centre
York England

Quality of Life
24th June – 26th June 2009

Foundations of Economic Evaluation in Health Care
29th June – 3rd July 2009

Meeting Decision Makers’ Requirements:
Advanced Methods for Cost-Effectiveness Analysis
6th July – 10th July 2009
Quality of Life Workshop

Wednesday 24th June – Friday 26th June 2009 (3 day workshop)
Leader: Paul Kind

This 3-day 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

24th June  Concepts and methods
How are measures designed and constructed?
• From HRQL to PRO - a theoretical framework.
• Measurement standards for economic evaluation.
• Valuation and preference measurement methods.
• Evening: Welcome Drinks

25th June  Quality of life measures: state of the art
What are the strengths and weaknesses of different HRQoL measures?
• Condition specific measures – examples from cancer, respiratory disease and rheumatology.
• A critical review of generic measures including SF-36, HUI and EQ-5D.
• Criteria for instrument selection.
• Evening: Course Dinner

26th June  From theory to practice
How are HRQoL measures used in evaluative studies?
• Clinical data for economic analysis – constructing a 'crosswalk'.
• Utilising published sources – a health warning.
• Beyond the Washington Panel.

Linked practical sessions include:
• Valuation techniques – including time trade-off and standard gamble.
• Analysis of quality of life data.
• Interpreting the evidence – case studies of published literature.

Quality of Life Workshop timings

Workshop starts: 9.30am on Wednesday 24th June
(Registration from 8.45am)
Normal workshop day: 9.00am – 5.00pm
Workshop closes: 4.00pm on Friday 26th June
Foundations of Economic Evaluation in Health Care

Monday 29th June – Friday 3rd July 2009 (5 day workshop)
Leaders: Michael Drummond, Mark Sculpher

The recently extended 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 Drummond and Professor Sculpher. In addition there are a number of tutored practical group exercises. The Foundations Workshop fee includes a copy of the 3rd edition of ‘Methods for the Economic Evaluation of Health Care Programmes’ by Michael Drummond and others.

Outline of course schedule

29th June 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

30th June 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.

1st 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.

2nd 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

3rd 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.
• Economic evaluation: do the benefits justify the costs?
• Panel discussion.

Foundations Workshop timings

Workshop starts: 9.45am on Monday 29th June
(Registration from 8.45am)
Normal workshop day: 9.00am – 5.00pm
Workshop closes: 1.00pm with lunch on Friday 3rd July

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

Monday 6th July – Friday 10th July 2009 (5 day workshop)
Leaders: Mark Sculpher, Michael Drummond, Karl Claxton

This 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 focused particularly on the National Institute for Health and Clinical Excellence (NICE) methods guidance for cost-effectiveness analysis which was updated in 2008. 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 PC-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.

Outline of course schedule

6th July Starting points
• 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

7th July Structuring decision models
• 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.

8th 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.

9th 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

10th July
• Generalisability and transferability of analyses.
• International methods guidelines.
• Panel session.

Advanced Workshop timings

Workshop starts: 10.00am on Monday 6th July
(Registration from 9.00am)
Normal workshop day: 9.00am – 5.00pm
Workshop closes: 12.30pm with lunch on Friday 10th July
I would like to register for:

**Quality of Life**
(24th June – 26th June 2009) (3 days)

- £1319.15 + VAT @ 17.5% = £1550.00 (before 3rd April 2009)
- £1387.23 + VAT @ 17.5% = £1630.00 (after 3rd April 2009)
- £936.17 + VAT @ 17.5% = £1100.00 (Public Sector rate only)

**Foundations of Economic Evaluation in Health Care**
(29th June – 3rd July 2009) (5 days)

- £2187.23 + VAT @ 17.5% = £2570.00 (before 3rd April 2009)
- £2297.87 + VAT @ 17.5% = £2700.00 (after 3rd April 2009)
- £1565.96 + VAT @ 17.5% = £1840.00 (Public Sector rate only)

**Meeting Decision Makers' Requirements:**
*Advanced Methods for Cost-Effectiveness Analysis*
(6th July – 10th July 2009) (5 days)

- £2187.23 + VAT @ 17.5% = £2570.00 (before 3rd April 2009)
- £2297.87 + VAT @ 17.5% = £2700.00 (after 3rd April 2009)
- £1565.96 + VAT @ 17.5% = £1840.00 (Public Sector rate only)

**TOTAL:** £

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

- you have received formal written confirmation of 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

Internet: www.york.ac.uk/inst/che/training/expert.htm

on-line booking now available
Workshop Venue
St. William’s College Conference Centre
5 College Street, York, United Kingdom
(Adjacent to York Minster)

Accommodation
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, a formal letter of confirmation will be sent which includes details on booking accommodation in York.

Meanwhile, for accommodation and travel information, see the following internet site:
www.tripadvisor.com (search for ‘York, North Yorkshire’)

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

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.

WORKSHOP DATES

Quality of Life
Wednesday 24th June – Friday 26th June 2009

Foundations of Economic Evaluation in Health Care
Monday 29th June – Friday 3rd July 2009

Meeting Decision Makers’ Requirements: Advanced Methods for Cost-Effectiveness Analysis
Monday 6th July – Friday 10th July 2009

Registration Fees
Early booking rate (before 3rd April 2009):
Quality of Life: £1550.00 including VAT @ 17.5%
Foundations or Advanced:
£2570.00 per workshop including VAT @ 17.5%

After 3rd April 2009:
Quality of Life: £1630.00 including VAT @ 17.5%
Foundations or Advanced:
£2700.00 per workshop including VAT @ 17.5%

Special discount for public sector employees:
Quality of Life: £1100.00 including VAT @ 17.5%
Foundations or Advanced:
£1840.00 per workshop including VAT @ 17.5%

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Fax: +44 (0)1904 321402
e-mail: irss82@york.ac.uk
Internet: www.york.ac.uk/inst/che/training/expert.htm
On-line booking now available.
THE COURSE LEADERS

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

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) in the UK.

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, and currently sits on NICE’s Public Health Interventions Advisory Committee. Mark is also a member of the UK Medical Research Council’s Methodology Research Panel and the National Institute for Health Research Health Technology Assessment Programme’s Commissioning Board. He has extensive knowledge of all areas of economic evaluation, particularly decision modelling.

KARL CLAXTON

Karl Claxton is a Professor in the Department of Economics and Related Studies at the University of York. In 1997/98 he was a visiting Harkness Fellow at the Harvard Center for Risk Analysis, Harvard School of Public Health and since 1999 he has held an adjunct appointment at Harvard as an Assistant Professor of Health and Decision Sciences. His research interests encompass the economic evaluation of health care technologies. The key areas of interests, which were the focus of his doctoral work include: Bayesian decision theory; the value-of-information analysis; setting priorities in clinical research and development, and the efficient design of clinical trials. In September 1999 he was appointed to the National Institute for Health and Clinical Excellence Appraisal Committee. The committee meets monthly to appraise new and existing health care technologies and develop guidance for the NHS on the use of these technologies. Karl Claxton received a PhD in Economics, an MSc in Health Economics and a BA in Economics from the University of York.

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

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 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.

YORK EXPERT WORKSHOPS IN THE SOCIO ECONOMIC EVALUATION OF MEDICINES

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

This brochure can be viewed on-line at: www.york.ac.uk/inst/che/training/expert.htm on-line booking now available