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**Please note:** The session and paper identifier numbers in this programme correspond to those in the Abstract Book. Some sessions and papers have been re-timed since the Abstract Book was produced, therefore numbers may appear to be out of sequence in this programme. These have not been changed in order to facilitate location of the relevant abstract in the Abstract Book.



## Conference Organisers

### Local Organising Committee

Michael Drummond	University of York ( <i>Chair</i> )
Tony Culyer	University of York
Diane Dawson	University of York
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Hugh Gravelle	University of York
Andrew Jones	University of York
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Adam Oliver	Office of Health Economics
David Parkin	City University
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Wendy Taylor	University of York ( <i>Conference Co-ordinator</i> )

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Milton Weinstein	Harvard University, USA
Beatrice Zurita	Funsalud, Mexico
Peter Zweifel	University of Zurich, Switzerland

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Merck and Co

North Yorkshire Health Authority  
Pan American Health Organisation  
Pfizer  
Pharmacia  
The Rockefeller Foundation  
Schering-Plough  
Swedish International Development Agency  
University of York  
USAID



## General Information

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### Exhibition

A number of organisations will be exhibiting materials during the conference in the Exhibition Centre.

### Meals and Refreshments

Coffee and tea will be available from 8.00am in the Exhibition Centre and at designated breaks in the programme, in various locations. In addition water is available from dispensers close to all of the main conference rooms.

Lunch will be served each day between 12.00 and 13.00.

Refreshment point locations are detailed in the conference handbook.

### First Aid

A first aid point is located in the Exhibition Centre, at the Porter's Office. Outside of normal conference hours, those delegates resident on campus who require first aid assistance should contact the porter's lodge nearest to their accommodation (details are supplied in delegates information packs).

### Information Point

There is an information point in the Exhibition Centre to assist participants. In addition a number of conference helpers will be available at all times and will be happy to deal with participants queries. Helpers can be identified by their blue poloshirts, sporting the conference logo.

### Messages

A message board is located in the Exhibition Centre.

### Smoking

Smoking is not allowed in any of the conference venues.

### Conference Badges

Each registered delegate will receive a name badge. This should be worn at all times. Only individuals wearing official conference name badges will be admitted to the conference functions and sessions.



## Conference Schedule

### Sunday July 22

Special Workshop	10.00 – 13.00
Registration (Exhibition Centre)	12.00 – 20.00
Pre Conference Sessions	14.30 – 17.30
Welcome Reception (Goodricke Courtyard/Exhibition Centre)	18.30

### Monday July 23

Registration (Exhibition Centre)	07.45 – 17.00
Conference Sessions	08.30 – 18.15
Special Workshops	18.30 – 19.45

### Tuesday July 24

Registration (Exhibition Centre)	08.00 – 17.00
Conference Sessions	08.30 – 18.15
Conference Dinner	20.00

Please see your conference handbook for details of the conference dinner and coach departure points.

### Wednesday July 24

Registration (Exhibition Centre)	08.00 – 17.00
Conference Sessions	08.30 – 16.00
Closing Party (Exhibition Centre)	16.00

### Poster sessions

Posters will be displayed in the Exhibition Centre between 10.00 and 18.00 on Monday 23 and Tuesday 24 July and between 10.00 and 16.00 on Wednesday 25 July. A new set of posters will be displayed on each day and authors will be available to discuss their work between 12.30 and 13.00.

## Key to Abbreviations

### Session Types

OC	Open Competition
ORG	Organised Session
PCS	Pre-Conference Session
PNL	Panel Session
PLE	Plenary
SWS	Special Workshop

Each session and paper has a unique identifier which is made up as follows:

#### First digit – day

(Sunday = 1, Monday = 2 etc)

Second digit – time slot

(08.30 – 10.00 = 1, 10.30 – 12.00 = 2 etc)

#### Letter – Parallel session

(eg A-O)

#### Final three numbers – paper number

(001 – 004)

For example: 21G001 is a paper being presented on Monday 23 July (2) at 08.30 (1) in session 21G, and is the first paper in that session.

## Themes

1	Inequalities in Health & Health Care
2	Regulation & Policy
3	Developing Countries & Transitional Economies
4	Health
5	Health Care Markets
6	Health Insurance
7	Economic Evaluation

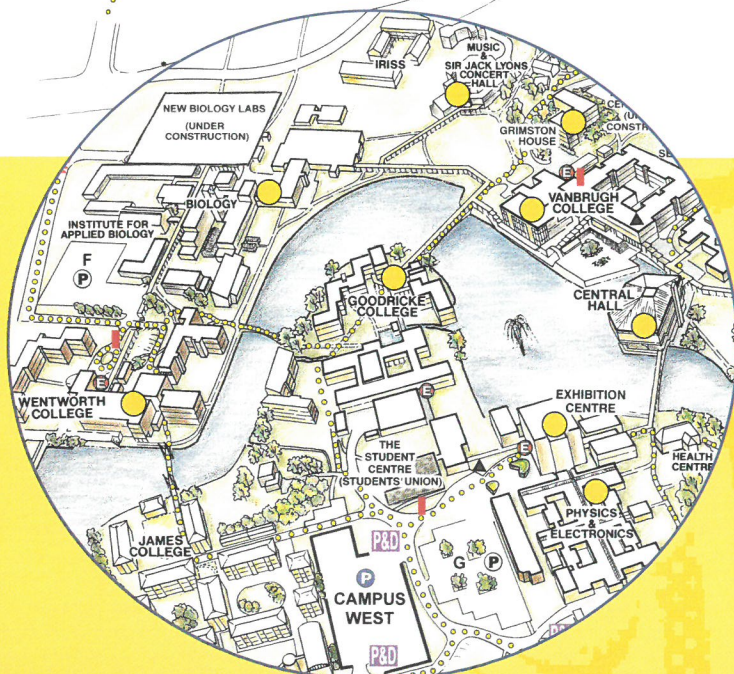
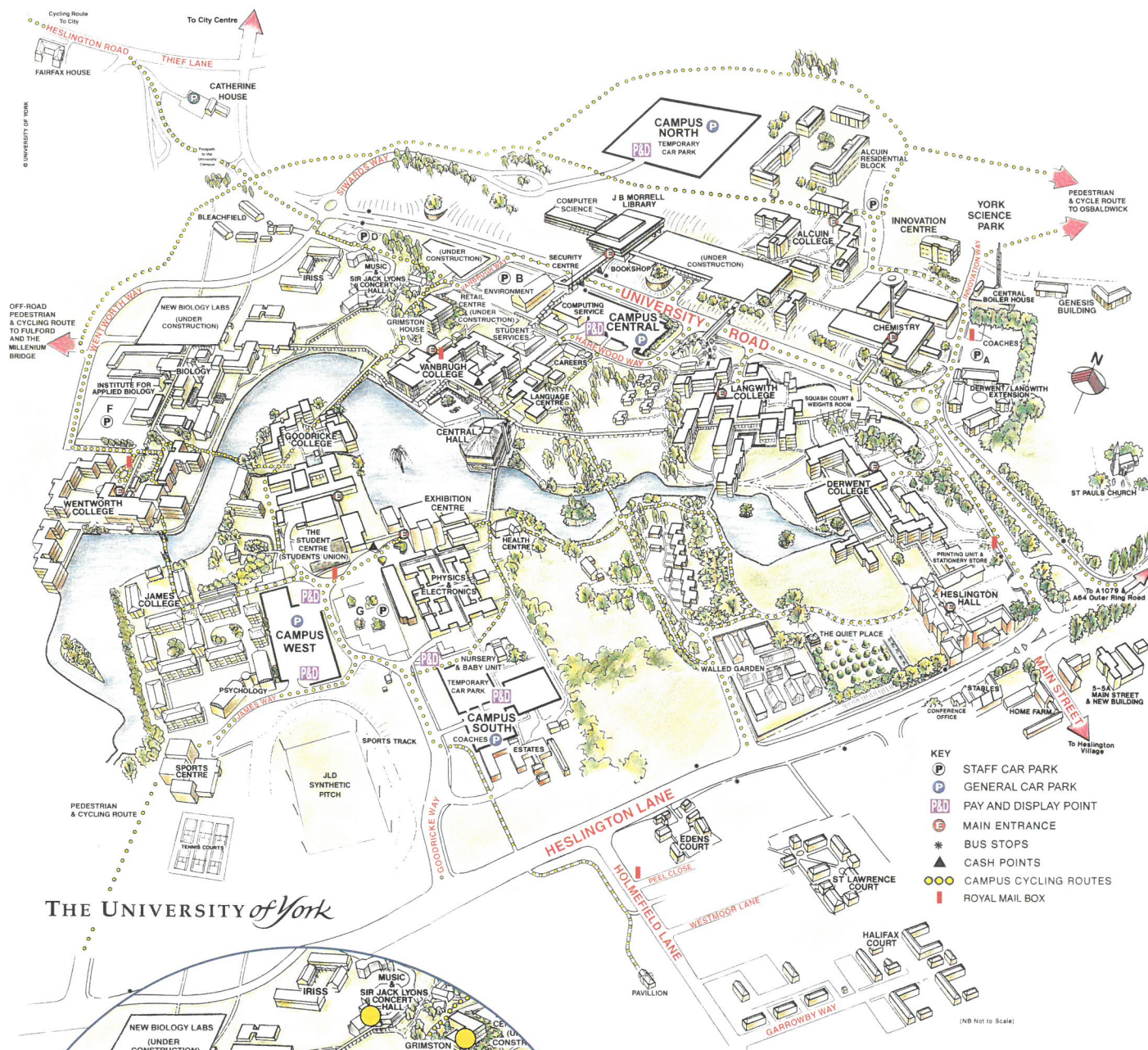
## Rooms:

B002	Biology Department, Ground Floor
B006	Biology Department, Ground Floor
CH	Central Hall
G169	Goodricke College, First Floor
Lyons	Sir Jack Lyons Concert Hall
P/L001	Exhibition Centre – Ground Floor
P/L002	Exhibition Centre – Ground Floor
P/L005	Exhibition Centre – Ground Floor
P/L006	Exhibition Centre – Ground Floor
P/X001	Exhibition Centre – Ground Floor
V044	Vanbrugh College – Ground Floor
V045	Vanbrugh College – Ground Floor
V119	Vanbrugh College – First Floor
V120/121	Vanbrugh College – First Floor
V 123	Vanbrugh College – First Floor
V/X 230	Grimston House – Second Floor

All buildings are marked on the map over the page and are clearly signposted from other conference locations.

Rooms are signposted from the building main entrance.





Location of main conference events



## Student Prize Competition

### Student Prize Committee

Paul Dolan	University of Sheffield (Chair)
Bronwyn Croxson	University of Bristol
Mathias Kifman	Universität Konstanz
Gavin Mooney	University of Sydney

### Prizewinners

**The Student Prize Committee is pleased to announce the winners of the competition.**

**First Prize** – A conference fee waiver, \$500 towards travel and accommodation and a copy of *The Handbook of Health Economics*\*:

**Do managed care and competition improve quality? Evidence from US Hospital Markets.** *Nazmi Sari*, Department of Economics, Boston University.

**Second Prize** – a conference fee waiver and \$250 towards travel and accommodation:

**Revealed preference valuation compared to contingent valuation: Radon-induced lung cancer prevention.** *Christine Kennedy*, HERC, University of Oxford.

**Third Prize** - A conference fee waiver:

**A comparison of consensus and non-consensus approaches to modelling contraceptive choice behaviour** *Li-Wei Chao*, Wharton School, University of Pennsylvania.

Prizes will be awarded during the final plenary session on Wednesday 25 July. All prizewinners will be given the opportunity to publish their papers in *Health Economics*. The Committee offers warmest congratulations to the prizewinners and would also like to mention the following three papers, which were shortlisted:

**Patient movements and practice attractiveness.** *Guiliano Masiero*, Department of Economics, University of York

**Willingness to pay for insecticide treated nets in Nigeria: Criterion and content validity of a novel contingent valuation elicitation technique and two existing ones** *Obinna Ojukwe*, Health Policy Unit, London School of Hygiene and Tropical Medicine

**Selection of treatment under prospective payment.** *Luigi Siciliani*, Department of Economics, University of York.

\**The Handbook of Health Economics* has been donated by its publishers: Elsevier, North Holland

## Poster Prize Competition

A prize of \$1000 will be awarded to the best poster, with \$500 and \$250 respectively to the two best runners up. Winners will be announced at the meeting, and prizes presented, during the final plenary session on Tuesday 25 July.

Posters will be displayed in the Exhibition Centre between 10.00 and 18.00 on Monday 23 and Tuesday 24 July and between 10.00 and 16.00 on Wednesday 25 July. A new set of posters will be displayed on each day and authors will be available to discuss their work between 12.30 and 13.00.

### Poster Prize Committee

Adam Oliver	Office of Health Economics (Chair)
Maiwenn Al	Erasmus University
Roger Feldman	University of Minnesota
Barton Hamilton	Washington University, St Louis
Jennifer Roberts	University of Sheffield
Aki Tsuchiya	University of Sheffield
Joseph Wang'ombe	University of Nairobi

### Shortlisted Posters

**The steepening of health expenditure profiles**

*Florian Buchner*, Bayerischer Forschungsverbund

**Market structure and risk selection in Medicare HMOs**

*Herbert Wong*, Agency for Healthcare Research and Quality

**Insurance reform related changes in dental care**

*Didi Abraham*, University of Nijmegen



## Scientific Programme

### Pre Conference Sessions

These sessions can only be attended by those delegates who have registered for them and paid the appropriate fee (where applicable). Your conference badge will identify you as a registrant.

### Sunday 22 July 2001

Time	Room	Session	Session Title	Presenters
10.00 to 13.00	P/L006	SWS11A	Health economics in health care in Central and Eastern European countries	László Gulácsi
14.30 to 17.30	P/X001	PCS 12A	Using panel data econometrics in health economics	Paul Contoyannis Andrew Jones Roberto Leon-Gonzales
	P/L001	PCS 12B	Statistical considerations in economic evaluations	Joseph Heyse John Cooke
	P/L002	PCS 12C	Using discrete choice experiments in health economics	Mandy Ryan Reed Johnson Vic Adamowicz
	P/L005	PCS 12D	An introduction to Bayesian analysis for the evaluation of health care technologies	Karl Claxton Andrew Briggs Elisabeth Fenwick
	G/169	PCS 12E	Electronic databases of cost effectiveness studies – using the NHS Economic Evaluation Database	John Nixon Julie Glanville Boyka Stoykova Jimmy Christie Steven Duffy
	V/045	SWS 12F	Special workshop on the methodologies for measuring health systems performance	David Evans Chris Murray Ajay Tandon Nicole Valentine Ke Xu



## Programme at a Glance - Monday 23 July

8.30 – 10.00	Parallel Sessions	21A – 21N
10.00-10.30	Coffee	
10.30 – 12.00	Plenary Session	23A – Why Health Equity?
12.00 – 13.00	Lunch Poster Viewing	Posters 27A001 – 27A133
13.00 – 14.30	Parallel Sessions	22A – 22O
14.30 – 15.00	Tea	
15.00 – 16.30	Parallel Sessions	24A – 24N
16.45 – 18.15	Parallel Sessions	25A – 25N
18.30 – 19.45	Special Workshops	26A, 26B



### Monday 23 July 2001

Time	Room No.	Session	Title	Papers	Presenters
08.30	VX230	ORG 21A 2	The economic analysis of substance use and abuse: topics in illicit drug use and related outcomes	21A001 - Adolescent substance use and suicidal behaviors: the role of state-level alcohol and illicit drug policy 21A002 - The cocaine price plunge and infant health 21A003 - Crime and illicit drugs: establishing causality and estimating magnitudes	Pinka Chatterji Harold Pollack  Jody Sindelar <i>Organiser: Frank Chaloupka</i>
	B002	ORG 21B 3	Public sector contracting of private health providers	21B001 - Market structure and provider payment mechanisms: experiences from Mendoza, Argentina 21B002 - Public purchaser-private provider contracting for health services: examples from Latin America and the Caribbean 21B003 - Performance based reimbursement to improve impact: evidence from Haiti	Daniel Maceira  Katherine Slack  Rena Eichler <i>Organiser: William Savedoff</i>
	LYONS	ORG 21C 4	The effect of price and quality information on health plan choice	21C001 - Can high quality overcome consumer preference for unrestricted provider access? Evidence from a health plan choice experiment 21C002 - Quality information and HMO enrolment 21C003 - Switching costs, price sensitivity and health plan choice	Katherine Harris Dennis Scanlon  Bruce Strombom <i>Organiser: Tom Buchmueller</i>
	CH	ORG 21D 5	Enhancing public policy towards private health service providers in developing countries	21D001 - Assessing the private health sector to inform public policy 21D002 - Strategies for improving the regulatory framework for private sector activities in developing countries 21D003 - Privatisation of health services: lessons for developing countries 21D004 - Contracting and purchasing as tools for achieving pro-poor private sector policies	Sarbani Chakraborty  Reinhardt Busse  April Harding  Alexander Preker <i>Organiser: Alexander Preker</i>
	VI23	ORG 21E 7	Measuring the quality of health care products	21E001 - Appropriate statistical methods for assessing health care quality 21E002 - Hospital quality, treatment effects and health outcomes: analysing differences in medical practices 21E003 - Estimating differences in quality of care across NICUs	James F Burgess Jr  Jeff Geppert  Jeanette Rogowski <i>Organiser: Jeanette Rogowski</i>
	PX001	ORG 21F 7	Economic evaluation and clinical trials: estimating cost and cost effectiveness using patient level data	21F001 - Estimating health care costs from cross sectional survey data: a comparison of approaches using data from the United Kingdom Prospective Diabetes Study 21F002 - Assessing the generalisability of the results of multinational trials for individual countries participating in the trial 21F003 - Analysis of uncertainty when cost and effect data from a trial are subject to censoring: the case of implantable defibrillators	Philip Clarke  Henry Glick  Bernie O'Brien <i>Organiser: Alastair Gray</i>



### Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
08.30	PL006	OC 21G 7	Economic evaluation studies I	21G001 - Economic evaluation of Zanamivir for treating influenza in Canada 21G002 - Implementation of an activity- based costing methodology to kidney, liver and heart transplant in seven hospitals of the Spanish health system 21G003 - How well does RX risk predict outpatient utilisation in a VA population?	Bruce Brady  Jorge Arellano  Chuan-Fen Liu
	PL002	OC 21H 3	Using aggregate data for health policy I	21H001 - How to interpret NHA data for policy uses; examples from eight Middle Eastern and North African countries 21H002 - Modelling health expenditures: a health financing projection model based on national health accounts 21H003 - Evolution of health systems: measuring the differential impact of health care financing on health outcomes at different levels of development	Ibrahim Shehata  Peter Berman  Akiko Maeda
	V054	OC 21I 2	Using aggregate data for health policy II	21I001 - Measuring efficiency of national health systems – a critique of WHO's methodology 21I002 - A panel analysis study of the determinants of health care expenditures in 12 OECD countries, 1960-1997 21I003 - Disability-adjusted life years and inter-disease comparisons: stochastic simulations of competing acute and chronic diseases	Mahmud Khan  Panos Kanavos  Andrew Noymer
	B006	OC 21J 3	Demand for care and quality in developing countries	21J001 - The impact of prepayment health plans on access and financing for the poor in Rwanda 21J002 - Public/private competition: theory and evidence on the quality impact of dual provision in Indonesia 21J003 - Demand for healthcare by rural households in Bangladesh	Pia Schneider  Karen Eggleston  Sushil Howlader
	PL005	OC 21K 1	Inequalities in health and health care in the US I	21K001 - The distribution of financial burdens for health care in the US, 1996 21K002 - Determinants of health inequalities in the US 21K003 - Explaining the socioeconomic differential in US Cesarean rates	Jessica Banthin Nancy Breen  Darren Grant
	V004	OC 21L 5	Care services for the elderly and disabled	21L001 - Demand for formal long term care services by the Dutch elderly 21L002 - Informal care and elderly health care use 21L003 - The impact of labour supply decisions on informal caregiving for disabled elderly	France Portrait Courtney H. Van Houtven  David Casado Marin
	PL001	OC 21M 6	Risk adjustment and health plan choice	21M001 - Methodological issues in prediction modeling for payment systems 21M002 - Health insurance with rank dependent utility 21M003 - Health plan choice in the federal employees health benefits program	Mark Hornbrook Rhema Vaithianathan  Curtis Florence
	VI20/ 121	OC 21N 4	Infant health and household effects	21N001 - Is prenatal care really effective? Or is the 'devil' in the distribution? 21N002 - Parental preferences and the mental health of children: structural estimation analysis 21N003 - The effects of chronic health conditions on the mental health of family members	Partha Deb  E Michael Foster  Ann Holmes
10:00 to 10.30		Coffee			



## Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
10.30	CH	PLE 23A	Plenary Session	Why health equity?	Professor Amartya Sen <i>Chair: Professor Tony Culyer</i>
12.00 to 13.00		Lunch			
13.00	V045	ORG 22A 2	Integration of economic evaluation in public health priority setting	22A001 - Implementing reviews of economic evaluation in the guide to community preventive services 22A002 - The role of economic evaluation in public health genetics 22A003 - Setting priorities among recommended clinical preventive services	Vilma Carande-Kulis  Scott D Grosse  Michael V Mackosek <i>Organiser: Vilma Carande-Kulis</i>
	CH	ORG 22B 1	Causes of and policies to reduce health sector inequalities in the developing world	22B001 - Health service utilisation, poverty and income inequality in Vietnam: changes between 1993 and 1998 22B002 - Decomposing the causes of poor-nonpoor inequalities in health in Indonesia 22B003 - Health risk, access to health care, and poverty in Latin America: prediction by latent variable modelling and partial least squares 22B004 - The impact of the Indonesian health card on access to medical care for the poor	Anil B Deolaliker  Eddy van Doorslaer  Antonio Giuffrida  Menno Pradhan <i>Organiser: Adam Wagstaff</i>
	LYONS	ORG 22C 1	Approaches to targeting deprivation through resource allocation	22C001 - Weighting resource distribution for stakeholder preferences: a Zambian case study 22C002 - Geographic patterns of deprivation and health in South Africa: informing public resource strategies 22C003 - Rethinking resource allocation: vertical equity, capacity to benefit and community preferences	Sally Lake  Di McIntyre  Gavin Mooney <i>Organiser: Di McIntyre</i>
	PX001	ORG 22D 6	Implications of alternative risk adjustment strategies in different US health care market segments	22D001 - Implementing risk adjusted payments in commercial markets: lessons from the US managed care sector 22D002 - Medicaid Rx: pharmacy based risk adjustment for Medicaid 22D003 - Using a pharmacy-based risk adjuster for the VA population	Paul Fishman  Todd Gilmer  Chuan-Fen Liu <i>Organiser: Paul Fishman</i>
	PL001	ORG 22E 5	The economic analysis of addiction	22E001 - Individual heterogeneity and censoring in panel data estimates of tobacco expenditure 22E002 - Econometric issues in rational addiction models 22E003 - Environment and persistence in youthful drinking patterns	Andrew Jones Willard Manning  Michael J Moore <i>Organiser: Frank Chaloupka</i>
	VI19	ORG 22F 3	Combating fraud and abuses in public institutions: the case of Latin American hospitals	22F001 - Transparency and accountability in Bolivia: does voice matter? 22F002 - We need data to combat corruption 22F003 - The role of wages and auditing during a crackdown on corruption in Buenos Aires	George Gray-Molina William Savedoff  Ernesto Schargrodsky <i>Organiser: William Savedoff</i>








### Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
13.00	B002	ORG 22G 5	Frontier issues in long term care	22G004 - Informal care, inter-vivos transfers, and bequests 22G001 - Siblings' behavior and asymmetric information: a new test of the motives for intergenerational transfers 22G002 - Midlife caregiving and employment – an analysis of adjustments in work hours and care hours for female employees in Europe 22G003 - Valuation of informal care: the proxy good method applied in care giving for stroke patients	Edward C Norton  Liliana E Pezzin  Katharina Spiess  Bernard van den Berg <i>Organiser: Barbara Schone</i>
	B006	ORG 22H 7	Methodological advances in economic evaluation of prevention	22H001 - Dynamic modelling of cost-effectiveness of Hepatitis B vaccination yields other results other than static modelling 22H002 - Magnetic Resonance Mammography (MRM) vs. common diagnostics in a screening program for recurrent breast cancer: A model based economic evaluation 22H003 - Secondary transmission models in pharmaco-economic evaluation of STDs 22H004 - Transfer of economic evaluation results between countries	G Ardine de Wit  Reiner Leidl  Jasper Bos  Robert Welte <i>Organiser: Johannes Jager</i>
	PL005	OC 22I 7	Discounting	22I001 - Estimation of implied rates of discounting in health care decision-making 22I002 - How do individuals discount private and social health in relation to private and social money? 22I003 - Discounting for health effects in cost benefit and cost effectiveness analysis	Robert West  Angelina Lazaro  Hugh Gravelle
	VI23	OC 22J 7	Economic evaluation studies II	22J001 - Modelling the impacts of colorectal cancer screening in Canada 22J002 - Medical care costs for early-stage breast cancer: comparing mastectomy and breast conserving therapy 22J003 - An economic evaluation of Vitamin A supplementation therapy to reduce chronic lung disease and/or death in extremely low birth weight infants	William Flanagan  William Barlow  Luisa Franzini
	VX230	OC 22K 2	Hospital performance: Regulation	22K001 - Hospital efficiency and target-setting 22K002 - Hospital performance: private vs. public management	Rowena Jacobs  Pedro Barros
	V044	OC 22L 3	Evaluating health care systems in developing and transitional economies	22L001 - Ten years of health reforms in Central and Eastern European countries and in the countries of the Former Soviet Union: lessons learned and options for the future 22L002 - Cost and quality aspects of maternal health care 22L003 - Computer network database as a hospital market monitoring tool	Paolo Belli Ann Levin  Jaroslaw Jendroszczyk
	PL006	OC 22M 1	Inequalities in health care finance and resource allocation	22M001 - Estimates of health care finance progressivity, how robust? 22M002 - An economic analysis of a new capitation principle 22M003 - Risk reduction, income redistribution and the financing of national health insurance	João Pereira  Peter Smith  Jen-Huoy Tsay



## Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
13.00	VI20/ 121	OC 22N 	Health expenditures	22N001 - Informal payments and hidden economy in the health sector in Greece 22N002 - Estimation of reproductive health expenditures in Egypt and Sri Lanka using a national health accounts approach 22N003 - A multilevel analysis on the determinants of regional health care expenditures	John Kyriopoulos  Ravindra Rannan-Eliya  Marc Saez
	PL002	OC 22O 	Demand for health care and health insurance	22O001 - Opening the "black box" of managed care: Data from the Medical Expenditure Panel survey 22O002 - A comparison of alternative methods to model endogeneity in count models. An application to the demand for health care and health insurance choice 22O003 - The effect of benefits, premiums and health risk on health plan choice in the Medicare program	Kathryn Phillips  Martin Schelhorn  Adam Atherly
14.30 to 15.00		Tea			
15.00	CH	PNL 24A	Incentives for reduced waiting times in health systems: a comparison of experiences in different countries	Panel Session (an overview of this session appears on page 17)	Olav Slattebrekk Anne-Marie Laeven Carina Van Vliet Toni Ramirez-Arellano Jeremy Hurst Marianne Hanning Organiser: Nick York
	LYONS	ORG 24B 	Measuring health sector inequalities and health impoverishment in the developing world	24B001 - Fever and its treatment among the more and less poor in Sub-Saharan Africa 24B002 - Benefits from public sector health spending in India: to whom and why? 24B003 - Health and health sector inequalities in post-conflict Kosovo: future challenges 24B004 - Impoverishment, insurance and out of pocket payments in the developing world	Deon Filmer  Ajay Mahal  Pierella Paci  Adam Wagstaff Organiser: Adam Wagstaff
	V044	ORG 24C 	The economic history of health care	24C001 - Physicians in the workforce 1350 – 1995: growth, share and expenditures 24C002 - Health under National Socialism: the mortality and nutritional crisis in Germany 1933-1938 General discussion: Economic history of medicine and health	Thomas Getzen  Joerg Baten  Thomas Getzen Organiser: Thomas Getzen
	V045	ORG 24D 	Euro Will: testing the sensitivity and validity of contingent valuation in six European countries	24D001 - Euro Will: developing the method of 'willingness to pay' for assessment of community preferences for health care 24D002 - Sensitivity of 'willingness to pay' relative to theoretical constructs: a review of the results from EuroWill 24D003 - Convergent validity of WTP and person trade-offs: results from the EuroWill surveys	Cam Donaldson  Jan-Abel Olson  Phil Shackley Organiser: Cam Donaldson



## Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
15.00	PL001	ORG 24E 3	Contracting for primary care services: recent experiences in low and middle income countries	24E001 - Contracting for primary health service delivery with COOPESALUD in Costa Rica 24E002 - Contracting for the delivery of primary health care services in Bangladesh and Cambodia: experience from implementation on a large scale 24E003 - Contracting for primary care services in South Africa: A case study of the part time District Surgeon system	Wendy Abramson  Abdo Yazbeck  Natasha Palmer <i>Organiser: Di McIntyre</i>
	B002	ORG 24F 7	Economic evaluation of guideline implementation strategies	24F001 - The economics of implementation: how to change the world 24F002 - Review of methods used in the economic evaluation of guidelines implementation 24F003 - Economic evaluation of a guideline –based open-access urological investigation service	James Mason  Luke Vale  Emma McIntosh <i>Organiser: Luke Vale</i>
	PX001	ORG 24G 2	Competitiveness in the pharmaceutical industry	24G001 - New evidence on international price comparisons for pharmaceuticals 24G002 - Price trends for prescription pharmaceuticals: 1995-1999 24G003 - The impact of therapeutic competition on innovative returns in the US pharmaceuticals market	Patricia M Danzon  Joseph DiMasi  Tomas Philipson <i>Organiser: Richard Manning</i>
	B006	OC 24H 7	Applying economic evaluation	24H001 - Facilitating the use of economic evaluation in clinical guidelines 24H002 - Setting priorities and allocating resources in health authorities: a program of research evaluating program budgeting and marginal analysis (PBMA) 24H003 - The National Evaluation of Pharmacotherapies for Opioid Dependence: a health economist's perspective	Esther Kok  Craig Mitton  Christopher Doran
	PL005	OC 24I 7	Economic evaluation studies III	24I001 - A cost-effectiveness analysis of a multi-agency, community- based intervention for psychological problems in young children of school age 24I002 - Estimating the cost of new partnership arrangements between NHS Direct and local Out-of-Hours health studies 24I003 - The contribution of community-based health and social care to inpatient hospital use	Rhiannon Tudor Edwards  Borislava Mihaylova  José Luis Fernández
	PL006	OC 24J 3	Allocating health care resources in South America	24J001 - Capitation and risk adjustment: a case study in Chile 24J002 - Distribution of health resources in Ecuador 24J003 - Evolution of equity in the Colombian health care system	Veronica Vargas Tania Dmytraczenko  Ramon Castaño Ypes
	VX230	OC 24K 1	Health inequalities: micro and macro determinants	24K001 - Unemployment, health, contexts and individuals: A multi-level analysis 24K002 - Tobacco consumption and health inequalities in Italy: a microeconomic analysis 24K003 - Economic expansions are unhealthy: evidence from microdata	François Béland  Margherita Giannoni-Mazzi  Christopher Ruhm



## Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
15.00	PL002	OC 24L 5	Managed care	24L001 - Treatment effects of selection behaviour in managed care plans: evidence from Medicaid 24L002 - HMO market penetration and patterns of care for Medicare beneficiaries with diabetes in the fee-for-service sector 24L003 - Determinants of length of stay for cervical cancer related hospitalisation: Does managed care matter?	Carla Gomes  Matthew Meciejewski Sajal Chattopadhyay
	VI23	OC 24M 4	Estimating the demand for health and health care	24M001 - Community-based relationships between chronic drug use, depression and labor supply 24M002 - Determinants of access to physician services in Italy: a finite mixture probit approach 24M003 - The impact of patient, provider and market characteristics on the substance abuse treatment patterns of Medicare beneficiaries	Pierre Alexandre Vincenzo Atella  Susan Ettner
	VI20/ 121	OC 24N 6	Applications of theory to health and health care	24N001 - Employer-based health insurance and job-lock effect 24N002 - Health insurance and the value of private hospital capital in Australia 24N003 - The market for transplants: a spatial competition approach	Chu-Shiu Li John Bridges Roberto Zanola
16.30 to 16.45		Break			
16.45	PL001	OC 25A 7	Valuing health states I	25A001 - A comparison of five multi attribute utility instruments and the (unfortunate) implications for cost utility analysis 25A002 - A comparison of the Euroqol and SF-36 Single Index in assessing the health related quality of life of liver transplant recipients 25A003 - Floor and ceiling effects in EQ-5D, 15-D and SF-36 (Version I & II): Results from a Danish national survey	Jeff Richardson  Louise Longworth Kim Wittrup-Jensen
	CH	PNL 25B	Approaches to the measurement of health equity	(an overview of this session appears on page 17)	Tim Evans Sudhir Anand Jeanette Vega Adam Wagstaff Organiser: Tim Evans
	LYONS	ORG 25C 2	Going beyond the internal market for health care	25C001 - After the internal market in the British NHS: New Labour's 'Third Way' 25C002 - Abolishing while maintaining a purchaser- provider separation: the 2000 reforms of the New Zealand health and disability support system 25C003 - From market power to people power: new directions in health reform in New Zealand 25C004 - Reinventing health care: a legal, economic, and political analysis of reform in Canada and New Zealand	Pauline Allen  Jackie Cumming Philip Davies Colleen Flood Organiser: Toni Ashton
	PX001	ORG 25D 6	Health insurance and competing wage differentials	25D001 - Does the incidence of group health insurance fall on individual workers? 25D002 - Compensating differentials and older workers 25D003 - Involuntary job changes and employer provided health insurance	Roger Feldman Michael Morrissey  Kosali Simon Organiser: Michael Morrissey



### Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
16.45	B002	ORG 25E 5	Purchasing health services in the developing world	25E001 - Who to purchase from: how to choose and does it make a difference? 25E002 - Provider payment systems: is theory supported by the evidence? 25E003 - A conceptual framework for resource allocation and purchasing	Christian Baeza William Jack Alexander Preker <i>Organiser: Alexander Preker</i>
	B006	ORG 25F 3	Making financing reform work: Experiences from Southern Africa	25F001 - Equity and health care financing: lessons from policy change in South Africa and Zambia 25F002 - An analysis of the health care exemption policy in Zambia 25F003 - Agency theory, incentives and the practices of health financing reform development	Di McIntyre Felix Masiye Lucy Gilson <i>Organiser: Lucy Gilson</i>
	V045	ORG 25G 7	Health and productivity	25G001 - Health and productivity: implications for cost-effectiveness analysis 25G002 - Do people consider financial effects when answering quality of life questions? 25G003 - The Harvard Program on health and work productivity: overview and preliminary results	Christopher Murray David Meltzer Ronald Kessler <i>Organiser: Alison Keith</i>
	PL002	OC 25H 7	Willingness to pay	25H001 - The contingent valuation method in health care: An empirical comparison of different elicitation techniques 25H002 - Willingness to pay for lifetime benefits with credit constraints 25H003 - Estimation of WTP for pharmacotherapy of atopic dermatitis by etacrolimus	Sandra Nocera Kevin Frick David Elvira-Martinez
	PL005	OC 25I 7	Economic evaluation studies IV	25I001 - Cost-effectiveness of imaging procedures in the evaluation and management of stroke 25I002 - Cost-utility analyses for laser revascularisation of patients with refractory angina pectoris 25I003 - An economic evaluation of Clopidogrel in secondary prevention of ischemic events: a French perspective	Richard Meenan Helen Campbell Sylvie Gabriel
	V123	OC 25J 2	Hospital performance: Waiting for care	25J001 - Performance assessment in health care: a comparison of waiting time and waiting list as a performance measure 25J002 - A queuing network model with blocking for the bed capacity planning for the mental health care system in Philadelphia 25J003 - Optimal sharing of surgical costs in the presence of queues	Ana Xavier Naoru Koizumi Paula González Rodríguez
	V120/121	OC 25K 3	Health and health care in Africa	25K001 - Financial assistance to bereaved households: lessons from Kagera, Tanzania 25K002 - Malaria treatment-seeking behaviour in rural communities in Benin: timing, choice of provider and severity 25K003 - The impact of adult deaths on children's health in Northwestern Tanzania	Mead Over Omer Mensah Martha Ainsworth
	PL006	OC 25L 5	The private/public health care mix	25L001 - Markets for public and private health care: redistribution arguments for a mixed system 25L002 - Private health care as a supplement to a public health system with waiting time for treatment 25L003 - North by North-West: Estimating the redistributive effect of private health care financing	Fred Schroyen Michael Hoel Robert Evans



## Monday 23 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
16.45	VX230	OC 25M 6	Health Insurance: Moral hazard and prudence	25M001 - The moral hazard effect of insurance across health cohorts 25M002 - The price of health insurance: theoretical reflections and empirical implications 25M003 - National health insurance and precautionary saving: evidence from Taiwan	Benjamin Craig Richard Hirth Shin-Yi Chou
	V044	OC 25N 4	Health, work and faith	25N001 - Health and wages: a panel data simultaneous equations model with selectivity 25N002 - Health and work of the elderly: subjective health measures, reporting errors 25N003 - The religiosity-health connection among Israeli Jews	Roberto Leon Gonzalez Maarten Lindeboom Amir Shmueli
	PX001	SWS 26A	Good practice in cost effectiveness modelling	Special Workshop	Chris McCabe Karl Claxton Ron Akehurst Jim Chilcott Organiser: Chris McCabe
18.30	CH	SWS 26B	Health and economic growth	Special Workshop	Dr Sir George Alleyne Professor Robert William Fogel Organiser: Ruben Suarez

**Panel Session 24A Incentives and measures at the organisational/physician level to reduce waiting times in health systems – lesson from 5 European countries.**

Panelists: *Toni Ramirez-Arellano, Nick York, Olav Slattebrek, Marianne Hanning and Anne-Marie Laeven*

This session, chaired by Clive Smee (Chief Economist in the UK Health Department), will compare recent experience in 5 European health systems which are experimenting with incentives and other measures to reduce waiting times:

- Toni Ramirez-Arellano (Health Advisor to the Spanish Prime Minister) will report on the 1997 and 2000 'Shock Plans' to reduce waiting times in Spain. These have introduced a range of initiatives from improved data collection and regulation, to financial incentives for managers and doctors. He will review the impact and will also comment on findings from a review of OECD countries.
- Nick York (UK, Department of Health) will describe the new incentives in the 'NHS plan' of the Labour government, including proposed changes to contracts for NHS surgeons. Delivering ambitious targets for shorter waiting times and booked appointments in the Plan depends critically on how much time surgeons spend on their NHS patients, private practice or teaching and research.
- Olav Slattebrek (Norway), Marianne Hanning (Sweden) and Anne-Marie Laeven (Holland) will each review experience on incentives and waiting in their respective health systems.

Jeremy Hurst from the OECD will then be invited to comment on the presentations and this will be followed by a general discussion. The session will last an hour and a half in total.

**Panel Session 25B Approaches to the measurement of health equity**

Panelists: *Sudhir Anand, Tim Evans, Jeanette Vega, Adam Wagstaff*

A review of underlying concepts and actual measures of equity in health is provided by the participants on this panel. Tim Evans will begin by identifying characteristics that distinguish "health" and its distribution from other goods and their distribution such as income. Based on this characterisation, a set of basic considerations in the measurement of health inequalities are described including choice of health outcomes, groupings across which health may be distributed, norms against which difference is identified, and valuations of different types of inequalities. Adam Wagstaff will then describe the basis of the Concentration Index and its performance characteristics as a measure of inequity in health. Jeanette Vega will then review some of the more commonly used measures arising from the epidemiological and demographic literature such as the Slope Index of Inequality; the Population Attributable Risk; the Ariaga decomposition method drawing on recent analyses from Chile. Sudhir Anand will identify some of the common mathematical constructs of economic and epidemiological measures of health inequality and also describe an approach to measuring longevity inequality that combines distribution along with overall achievement.

**Special Workshop 26A Good practice in cost effectiveness modelling**

Panelists: *Ron Akehurst, Chris McCabe, Karl Claxton, and Jim Chilcott*

This session will consider the practical value of the consensus statement on good practice in cost effectiveness modelling published in Pharmacoeconomics last year.

Ron Akehurst, a member of the consensus panel which produced the statement will discuss the context in which the guidelines were developed and explain the thinking behind each of the necessary and desirable characteristics identified in the consensus statement.

Karl Claxton, Chris McCabe and Jim Chilcott will then present applications of the consensus statement guidelines to published models in the areas of



multiple sclerosis and ovarian cancer and consider the practical utility of the statement in the critical appraisal of cost effectiveness models.

The presentations will be followed by a Question and Answer session, discussing ways in which the quality of cost effectiveness modelling and the appraisal of cost effectiveness modelling might be improved.

### Special Workshop 26B Health and Economic Growth

**Panelists:** *Dr. Sir George Alleyne, Professor Robert William Fogel*

Do changes in the quality and longevity of human capital associated with the improvement in health status of the population have any impact on the rate of growth of the economies? How important are demographic changes resulting from improvements in the health of the population in explaining the vicious circle of poverty and inequality characterising many economies of the developing world? What is the empirical evidence and theories explaining the relationships between the health status of the population, the demographic changes and the rate of economic growth? What are the types of health public policies more conducive to improving countries' economic performance and competitiveness?

Dr. Sir George Alleyne, Director of the Pan American Health Organisation will introduce the topics by discussing the relevance for developing countries of a better understanding of the theory and empirical evidence on the relationships between changes in the health status of the population and countries' economic performance in terms of productivity, competitiveness, economic growth and welfare.

Professor Robert William Fogel, University of Chicago, 1993 Nobel Prizewinner for Economics will focus on the importance of the role of the human evolution resulting from the synergism between technological and physiological improvements - the technophysio evolution - in explaining observed demographic changes and the long-term economic growth. He will present a summary of findings of his recent work on the relationships between nutrition, mortality and economic growth in France, Britain, and United States, from 1700 to 1980. Professor Fogel will discuss some of the policy implications derived from the empirical evidence and theory on the relationships between physiology, population changes and economic growth for both, for both developed and developing countries.

### Poster Presentations

**Monday 23 July 2001 – 10.00 to 18.00**

27A001	Abraham	Didi	The effects of the Dutch public health insurance reform on dental expenditure and treatment patterns of regular attending patients.
27A002	Adriaenssen	Ines	Equity in health and health care utilization in Belgium
27A003	Al	Maiwenn	The optimal allocation of resources over health care programs: dealing with decreasing marginal utility and uncertainty
27A005	Ali	Disha	Economic benefits of introducing Hepatitis B vaccination in the EPI delivery system of Bangladesh.
27A006	Amin	Mohammad	An analysis of private hospitals in Bangladesh
27A007	Andersen	Christian	Implicit restrictions in econometric models.
27A008	Andersson	Henrik	Does bad health increase willingness-to-pay?
27A009	Andrén	Daniela	Long-term absenteeism due to sickness: The Swedish experience 1986-1991
27A010	Anis	Aslam	Quality appraisal in economic evaluations: The case of antidepressants
27A011	Antioch	Kathryn	Evaluating casemix funding in Australia: Health care reform through risk adjustment
27A012	Antonazzo	Emanuela	British nurses' labour supply: An econometric investigation
27A013	Aoki	Ken	Price control and its effect on hospital behavior
27A014	Araña	Jorge	Contingent valuation of the risk of flu with altruism
27A015	Arendt	Jacob	Inequality of health: education and income gradients
27A016	Arnould	Richard	Does managed care change the mission of nonprofit hospitals? evidence from the managerial labor market
27A017	Askildsen	Jan Erik	Sickness absence: Are workers more sick when economic conditions are favourable?
27A018	Atherly	Adam	Gender issues in cost-effectiveness studies of percutaneous coronary interventions
27A019	Auray	Jean Paul	Pharmacoeconomic modeling in Assisted Reproduction Technologies: Recombinant FSH versus urinary FSH
27A020	Barre	Stéphanie	Deinstitutionalization model in psychiatry: cost-consequences of intensive case management versus standard case management
27A021	Bautista	Maria Cristina	Financing vaccines in selected Asian economies
27A022	Beilby	Justin	Experienced general practitioners are cost-effective in obstetric shared care – the Australian experience
27A023	Béland	François	Do integrated system of care for frail elderly work? An experimental study?
27A024	Belli	Paolo	Public-private interaction in the health sector
27A025	Berman	Peter	Strategies for improving health outcomes through alternative approaches to allocation of public spending on health in developing countries
27A026	Bisschop	Fred	Investment in healthcare institutions



## Poster Presentations

Monday 23 July 2001 – 10.00 to 18.00 continued

27A027	Blackhouse	Gordon	Cost effectiveness of implantable cardioverter-defibrillator stratified by the presence of risk factors
27A028	Bojke	Chris	What is the optimal size for health care organisations? Is bigger better for UK PCG/Ts?
27A029	Bokhari	Farasat	Characterizing the adoption problem: The 'halo' effect and the 'HMO' effect
27A030	Bolin	Kristian	The family as the health producer: when employers have incentives for investing in the health of their employees
27A031	Bonch-Omolevsky	Michael	Mortality and socio-economic change in the Russian transition: predictors at the micro level
27A032	Bovier	Patrick	Physicians' attitude toward health care costs
27A033	Brammli-Greenberg	Shuli	Competition in the private insurance market: The Israeli case
27A034	Breen	Nancy	Social inequalities and cancer
27A035	Brekke	Kurt	Competition or coordination in hospital markets with spillovers?
27A036	Brent	Robert	A Simple method for converting a cost-effectiveness analysis into a cost-benefit analysis with an application to state mental health expenditures
27A037	Briesacher	Becky	Prescription-filling problems in the Medicare population
27A038	Brijlal	Vishal	Overcoming resource constraints through public-private partnerships
27A039	Brinkley	Garland	Reducing CO2 emissions through empowering women in developing countries
27A040	Brown	Murray	What determines cost-effectiveness and cost-utility of novel multiple sclerosis drugs?
27A041	Buchner	Florian	Steeping of health expenditure profiles
27A042	Burström	Kristina	The value of the change in health in Sweden 1980 to 1996
27A043	Butler	Jim	Has community rating caused a regulation-induced adverse selection death spiral in Australian private health insurance?
27A044	Cairns	John	Dichotomous choice with repeated follow-up
27A045	Carlsson	Per	The role of early warning systems in hta- experiences in Sweden
27A046	Caro	Jaime	Continuum of risk evaluation: A CORE tool for policy analyses on prevention of cardiovascular disease
27A047	Cervera	Manuel	A Model for determining catastrophic costs illustrated with data from the Uruguayan National Resource Fund
27A048	Chatterjee	Sourav	Optimal payment scheme for general practitioner
27A049	Chee	Grace	Application of a global immunization assessment tool: Immunization financing assessments in Tanzania, Cambodia, and Myanmar
27A050	Cheng	Shou-hsia	Hospital quality information for patients in Taiwan: can they understand it?
27A051	Chern	Jin-Yuan	Role of health status in the relationship between prior utilization and subsequent utilization
27A052	Chi	Chunhuei	To demand or not to demand? making sense of health care demand modeling
27A053	Chiu	Herng-Chia	Cost and effectiveness of the elderly health examination program: example of hypertension screening
27A054	Chowdhury	Tapan	Impact of scale, scope and other cost determinants in resource allocation equity: A Canadian experience
27A055	Christiansen	Terkel	Demand for private health insurance and demand for health care by privately insured in Denmark
27A056	Cleemput	Irina	Concurrent validity of the EQ-5D in a renal disease population to detect differences in pain/discomfort and anxiety/depression
27A057	Cooper	Richard	Economic determinants of physician supply
27A058	Costa Font	Joan	Public participation and macro -level rationing: An experimental study
27A059	Cote	Isabelle	Cost-benefit analysis of a pharmacy-based health promotion program in hypertension
27A060	Coudeville	Laurent	Combining individual behavior as regards vaccination and infectious disease dynamics: A model and an application to the French case
27A061	Couttolenc	Bernard	Determinants of household health care spending in Brazil



### Poster Presentations

**Monday 23 July 2001 – 10.00 to 18.00 continued**

27A062 Cuellar	Alison	Hospital and physician strategic alliances
27A063 Dai	Carolanne	Policy analysis of end-stage renal disease treatment using a simulation modeling approach
27A064 de Lissovoy	Gregory	Willingness to pay for symptom relief of gastroesophageal reflux disease
27A065 Deb	Partha	Factors affecting the productivity of outpatient mental health care: An application of the random effects probit model
27A066 Deber	Raisa	Measuring the value of health outcomes: methods and madness
27A067 Demolliens	Audrey	Save as many lives as possible or save as many life-years as possible?
27A068 Desmond	Chris	Community determinants of HIV prevalence: A KwaZulu-Natal case study
27A069 Dewa	Carolyn	Antidepressant use and work outcomes among employees disabled by depression
27A070 Diener	Alan	Inferring willingness-to-pay for health attributes of air quality using information on ranking of scenarios and cognitive ability of respondents
27A071 Domino	Marisa	Welfare reform's effect on Medicaid enrollment and spending
27A072 Doran	Christopher	Buprenorphine vs. methadone maintenance: A cost-effectiveness analysis
27A073 Douglas	Hannah-Rose	Assessing the economic consequences of nursing: development of an approach for cancer and palliative care from the Macmillan Cost-Outcome study
27A074 Edlin	Richard	Eliciting societal preferences over waiting lists
27A075 Eggink	Evelien	Performance and patient selection of Dutch general hospitals
27A076 Eggleston	Karen	Trends in health and health care inequality in China during the reform era
27A077 Eichler	Rena	Applying the principles of managed care and provider payment mechanisms to influence antimicrobial drug use in developing countries
27A078 Elbasha	Elamin	The economic impact of antimicrobial resistance: policy implications
27A079 Ettner	Susan	The impact of medical and behavioral health conditions on work outcomes: panel data evidence from the California Work and Health survey
27A080 Fahlman	Cheryl	Economic and clinical determinants in the selection of usual physicians by aged diabetics
27A081 Farrar	Shelley	Factors determining doctors' decisions to admit patients to hospital
27A082 Fassbender	Konrad	Trends and outcomes associated with inter-hospital transfers in Alberta
27A083 Fauli	Siri	The significance of the characteristics of the general practitioner for the decisions to have or to use a specific laboratory analysis
27A084 Feenstra	Talitha	The cost-effectiveness of tertiary prevention, formal analysis of a dynamic budget allocation model
27A085 Felder	Stefan	DEA-based hospital regulation
27A086 Ferraz	Marcos	Resource utilization and cost of rheumatic fever in Brazil
27A087 Ferraz-Nunes	José	Health as policy and capital
27A088 Fidan	Dogan	Reconciling cost effectiveness and cost impact estimates for new health technologies: methods and examples
27A089 Filippini	Massimo	The effect of alternative institutional settings and regulation on the cost efficiency of the Swiss nursing homes
27A090 Fishman	Paul	Health care costs among smokers, former smokers and never smokers in a US managed care plan
27A091 Fleurence	Rachael	The cost-effectiveness of Hormone Replacement Therapy (HRT) to prevent fractures in young post-menopausal women.
27A092 Flori	Yves-Antoine	Hospital practice variations for HIV patients in France : Results from panel data model
27A093 Folmer	Kees	Future scenarios for demand and use of health care in the Netherlands
27A094 Forder	Jules	Comparing transaction costs under markets and hierarchies
27A095 Fortney	John	Managed care cost containment strategies and service use of at-risk drinkers
27A096 Fournier	Agnès	Micro costing in mental health in hospitalisation services: preliminary results
27A097 Fox-Rushby	Julia	The reliability and validity of a new generic measure of health-related quality of life for use amongst the Kamba of Kenya
27A098 Franzini	Luisa	Mortality disparities in Texas counties: The contribution of income inequality, income level, and racial/ethnic composition
27A099 Frick	Kevin	Racial differences in influenza vaccination: The effect of Medicare coverage on a vulnerable population



### Poster Presentations

**Monday 23 July 2001 – 10.00 to 18.00 continued**

27A100	Garcia-Altes	Anna	The social cost of illegal drug consumption in Spain Burden of disease and cost-effectiveness – the case of COPD Cost-effectiveness of an essential package of care in zambia; Phase I
27A101	Geelhoed	Elizabeth	
27A102	Ghatnekar	Ola	
27A103	Giannoni-Mazzi	Margherita	Health economics and I.c.t.: A new paradigm? Challenging economic assumptions about behaviour: evidence from South Africa Cost benefit analysis of Pertussis vaccination
27A104	Gilson	Lucy	
27A105	Girard	Dorota	
27A106	Gomez-Jauregui	Jesica	Comparison of the costs and quality of care of the cervical cancer screening program between a public clinic and an NGO Controlling for sample selectivity using propensity scores How is the cost of dying affected by social class and age?
27A107	Goodman	Michael	Cost-effectiveness of minimally invasive direct coronary artery bypass surgery (MIDCAB) versus stenting of the left anterior descending coronary artery Managed competition in health care: Dutch present and German future?
27A108	Graham	Barbara	Does deterministic sensitivity analysis underestimate the uncertainty surrounding estimates of cost-effectiveness?
27A109	Gray	Darryl	Eliciting time preferences using a contingent valuation study of risk reductions of fatal events Determinants of household health care expenditure-the case of Zambia The cost-effectiveness of FDG-PET in the N0 neck Changing inequitable policies by using models to set new targets for reducing the burden of coronary heart disease
27A110	Gress	Stefan	Diagnosis-based risk adjustment model for the Swiss health care system Risk-adjusted competitive rating
27A111	Grieve	Richard	Willingness to pay for health insurance in the rural areas of Bangladesh: levels and determinants Why can't health care costs be generalised within and between countries?
27A112	Hjalte	Krister	Willingness and ability to pay for essential health services in urban Bangladesh: Implications for fees for services
27A113	Hjortsberg	Catharina	Horizontal and vertical dimensions in Latin American and Caribbean social insurance systems Analysis of international mechanisms to support vaccine procurement Is health system equity feasible within a fiscal federal context?
27A114	Hollenbeak	Christopher	Early chronic illness – the impact of non-health care resource-use and expenditure Reconsideration of discharge data to measure competition in the hospital industry Measuring the economic burden of caregiving on families
27A115	Hollinghurst	Sandra	Economic evaluations in Japan: A review of published studies, methodological issues and practice The economic burden of obesity in Portugal Measuring preferences for health care interventions using conjoint analysis: An application to HIV testing
27A116	Holly	Alberto	
27A117	Hornbrook	Mark	
27A118	Howlader	Sushil	
27A119	Hutton	Guy	
27A120	Khan	Mahmud	
27A121	Maceira	Daniel	
27A122	Makinen	Marty	
27A123	McIntyre	Di	
27A124	Mugford	Miranda	
27A125	Nauenberg	Eric	
27A126	O'Keeffe-Rosetti	Maureen	
27A127	Pang	Francis	
27A128	Pereira	João	
27A129	Phillips	Kathryn	
27A130	Rannan-Eliya	Ravindra	
27A131	Ried	Walter	
27A132	Sehili	Saloua	
27A133	Sibbald	Bonnie	
27A134	Tediosi	Fabrizio	



## Programme at a Glance - Tuesday 24 July

08.30 – 10.00	Parallel Sessions	31A – 31O
10.00 – 10.30	Coffee	
10.30 – 12.00	Plenary Session	32A – Income inequality, health and health inequality
12.00 – 13.00	Lunch Poster Viewing	Posters 36A001 – 36A137
13.00 – 14.30	Parallel Sessions	33A – 33O
14.30 – 15.00	Tea	
15.00 – 16.30	Parallel Sessions	34A – 34O
16.45 – 18.15	Parallel Sessions	35A – 35O



### Tuesday 24 July 2001

Time	Room No.	Session	Title	Papers	Presenters
08.30	PL005	ORG 31A 4	Costs and benefits of healthy and unhealthy behaviour	31A001 - Is binge drinking rational? 31A002 - The economic costs of healthy people 31A003 - The effect of substance abuse on employment status	Michael Moore Donald S Kenkel  Joseph V Terza <i>Organiser: John Mullahy</i>
	PL001	ORG 31B 2	Is economics failing in priority setting?	31B001 - A framework for the positive analysis of health sector decision making 31B002 - Remedying denial: the role of incentives and regulation in priority setting 31B003 - Pragmatic study design and priority setting	Stephen Jan  Alan Maynard Stuart Peacock <i>Organisers: Stuart Peacock and Alan Maynard</i>
	B002	ORG 31C 1	Income, health and inequality	31C001 - Income and health: the time dimension 31C002 - Inequalities in health: Who you are? Where you live? Or who your parents were? 31C003 - The sources of health inequalities in EU countries 31C004 - A parametric and semiparametric investigation of the relationship between health and income	Michaela Benzeval  Pierella Paci Eddy van Doorslaer  John Wildman <i>Organiser: Eddy van Doorslaer</i>
	V044	ORG 31D 3	Hospital reform in developing countries – understanding governance arrangements and the effects of change	31D001 - Contracting with referral hospitals in Zambia 31D002 - Predicting hospital behaviour under health sector reform: the case of Zimbabwe 31D003 - Hospital reform in Colombia – effects on efficiency, equity and quality of care	Kara Hanson  Charles Hongoro  Sally Lake <i>Organiser: Barbara McPake</i>
	CH	ORG 31E 6	The demand for choice in health care and health insurance	31E001 - Employer health benefit choices: choice among plans or plans with choice? 31E002 - Income effects on the demand for choice in health care and health insurance 31E003 - Valuing diversity of choice in health insurance plans	M Kate Bundorf  Mark Pauly Anne B Royalty <i>Organiser: Mark Pauly</i>
	B006	ORG 31F 5	Economic and health outcomes in US hospital markets	31F001 - Entry and competition in local hospital markets: implications for healthcare 31F002 - Does competition kill? Hospital quality and competition 31F003 - Learning and its implications for regulating the diffusion of medical technologies	Jean Marie Abraham  Gautam Gowrisankaran  Vivian Ho <i>Organiser: Vivian Ho</i>
	V048	PNL 31G 7	Using cost effectiveness analysis to set sector wide priorities	Panel Session (an overview of this session appears on page 32)	David Evans Virgina Wiseman Rafael Lozano <i>Organiser: Anne Mills</i>









## Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
08.30	LYONS	ORG 31H 7	Incorporating social values into economic evaluation of health care: Cost utility versus 'cost value' analysis	31H001 - Concerns for severity 31H002 - Empirical ethics: the status and use of empirical evidence of ethical preferences: democratic or moral irrelevance 31H003 - Some new evidence concerning age based equity weights for the UK	Erik Nord  Jeff Richardson  Aki Tsuchiya <i>Organiser: Jeff Richardson</i>
	VI23	OC 31I 4	Valuation of health states	31I001 - Generalising QALYs with a semi-separable utility function 31I002 - Two countries divided by a common value function – comparison of the UK and US values for health 31I003 - Comparison of three generic health status measures in an English cohort	Ana Maria Guerrero  Paul Kind  Helen Weatherly
	PX001	ORG 31J 7	New empirical approaches to cost, cost benefit and cost effectiveness analysis	31J001 - The value of information, with application to prostate cancer screening 31J002 - Methods for the analysis of costs in observational and randomized studies 31J003 - An econometric anatomy of stochastic healthcare costs	David Meltzer  Daniel Polsky  John Mullahy <i>Organiser: John Mullahy</i>
	VII9	OC 31K 7	Economic evaluation studies V	31K001 - Making CE ratios progressive: Measurement of the cost effectiveness of an entertainment education strategy for HIV/AIDS prevention in South Africa 31K002 - A cost effectiveness analysis of anthelmintic intervention for community control of ascariasis 31K003 - How useful are existing models for predicting the cost effectiveness of introducing new vaccines?	Debbie Muirhead  Fernando Ortega  Damien Walker
	VX230	OC 31L 5	Pricing services and supplier behaviour	31L001 - The effects of price types on the use of common surgical procedures 31L002 - Financing specialist services in the Netherlands: Welfare implications from moral hazard and supplier-induced demand 31L003 - The influence of the payment system for medical specialists upon waiting times in the Netherlands	Hennamari Mikkola  Ed Westerhout  Esther Mot
	VI20/121	OC 31M 7	Economic evaluation methods I	31M001 - Testing the form of the utility function defined over health treatment 31M002 - The endowment effect and expected utility 31M003 - Willingness to pay for health and health care using stated preference methods: An exploration of unresolved issues	Rosalie Viney Gwendolyn Morrison  Alan Diener
	PL006	OC 31N 4	Risk adjustment and health insurance	31N001 - Evaluation of the German risk adjustment mechanism 31N002 - Identifying determinants of individual health care utilisation in a large panel data set of sickness fund members in Germany 31N003 - Adverse selection in the health insurance market after genetic tests	Florian Buchner  Friedrich Breyer  Roland Eisen




## Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
08.30	PL002	OC 31O 	Health insurance and the poor	31O001 - Analysing the take-up of public health insurance: a US example 31O002 - Small firms' demand for health insurance: the decision to offer insurance 31O003 - The effects of introducing health insurance	Barbara Wolfe  James Reschovsky Robert Nordyke
10.00 to 10.30		Coffee			
10.30	PLE 32A	PLE 32A	Plenary session	Income inequality, health and health inequality	Professor Angus Deaton <i>Chair: Professor Barbara Wolfe</i>
12.00 to 13.00		Lunch			
13.00	LYONS	ORG 33A 	The fourth hurdle: The challenges and limitations of assessing pharmaceuticals at launch for reimbursement purposes	33A001 - The efficient regulation of new pharmaceuticals: The role of value of information analysis 33A002 - How cost-effectiveness estimates change over time: Some examples and their implications for reimbursement policies 33A003 - Demonstrating cost-effectiveness. Can we use risk-sharing rather than one-off payer decisions at launch?	Karl Claxton  Peter Neumann  Adrian Towse <i>Organiser: Lou Garrison</i>
	CH	ORG 33B 	Health and income inequality	33B001 - Income, income inequality and health: What can we learn from aggregate data? 33B002 - Relative income, race and mortality 33B003 - Health and income inequality in Nicaragua 33B004 - Inequality and mortality: Canada-US comparisons	Hugh Gravelle Christina Paxson Adam Wagstaff Michael Wolfson <i>Organiser: Eddy Van Doorslaer</i>
	B006	ORG 33C 	Microeconomic analysis of tobacco consumption	33C001 - Smoking behaviour and health: theory and evidence 33C002 - The effect of health information on cigarette consumption: Evidence from British Panel data 33C003 - Empirical estimation of rational addiction to nicotine	Jerome Adda  Andrew Clark  Lucien Gardiol <i>Organiser: Pierre-Yves Geoffard</i>
	VX230	ORG 33D 	Occupational safety implications for social development and public policy	33D001 - The impact of human resource practices on worker safety and costs: an analysis of firms in the United States 33D002 - Occupational safety in Latin America and the Caribbean: Economic and health dimensions of the problem 33D003 - Determinants of workers' health in Latin America: an econometric analysis of work related injuries in Mexico	Richard Butler  William Savedoff  Antonio Giuffrida <i>Organiser: William Savedoff</i>
	B002	ORG 33E 	Health reforms in Latin America: Experience with public and private sector competitors	33E001 - Agency problems and moral hazard in Argentina's medical care system: The 2001 solution 33E002 - The health care market and reform of health-system financing: some country experience in Latin America 33E003 - Health reforms in Chile in the last 20 years: from the major changes to the gradual ones	Gabriel Picone  Daniel Titelman  Aristedes Torche <i>Organiser: Gabriel Picone</i>



## Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
13.00	V120/ 121	ORG 33F 	Issues in international reproductive health: Financing family planning and reproductive health in developing countries	33F001 - Now much are consumers willing to pay for family planning? 33F002 - Empty pockets: estimating ability to pay for family planning 33F003 - Optimal or sub-optimal? The allocation of resources within international family planning programs 33F004 - Is family planning a free market?	Ndola Prata  Russell Green  Brian Mitchell Dominic Montagu <i>Organiser: Garland Brinkley</i>
	PL001	ORG 33G 	Economic evaluation of drug abuse treatment	33G001 - Benefit-cost analysis of residential and outpatient addiction treatment in the State of Washington, USA 33G002 - Cost-effectiveness of aftercare in drug abuse treatment 33G003 - The willingness to pay for substance abuse outpatient treatment in the State of Delaware 33G004 - Conditions for the (near) equivalence of cost-effectiveness and cost-benefit analyses	Michael T French  Donald S Shephard  Paul L Solano  Gary A Zarkin <i>Organiser: William Cartwright</i>
	PX001	ORG 33H 	Risk selection incentives	33H001 - The theory of risk adjusting health care payments: Firm organisation and specialisation 33H002 - How well can consumers predict their own health spending and what does this imply for risk selection and health plan reimbursement? 33H003 - HMOs and risk selection	William Encinosa  Randall P Ellis Daniel Polsky <i>Organiser: Randall P Ellis</i>
	V045	OC 33I 	Bayesian approaches in economic evaluation	33I001 - A Bayesian analysis of pre-operative optimisation of oxygen delivery 33I002 - From Bayesian diagnostics to Bayesian health economics 33I003 - Functional form for risk adjusting continuous outcomes: evidence from a Bayesian analysis of a Box-Cox model with random coefficients	Elisabeth Fenwick  Stefan Felder  Christopher Hollenbeak
	PL005	OC 33J 	Monitoring performance	33J001 - An economic perspective on the design of clinical indicator systems 33J002 - Measuring the relative performance of providers of a health care service 33J003 - Can research into variations in hospital admission rates provide a tool for regulating the quality of hospital care by clinical governance?	Russell Mannion  Matilde Machado  Sandra Hollinghurst
	PL002	OC 33K 	Hospital competition and quality I	33K001 - Do managed care and competition improve quality? 33K002 - Does competition between hospitals improve the quality of care? Hospital death rates and the NHS internal market 33K003 - Does hospital competition impact guideline adherence for AMI? Evidence from the Cooperative Cardiovascular Project	Nazmi Sari  Carol Propper  Tiffany Radcliff



## Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
13.00	VI23	OC 33L 4	Drug cost and control	33L001 - Risk adjusted capitation payments: Refining the pharmacy cost group model 33L002 - The effects of reference pricing of nitrates on choice of anti-anginal drug therapy: Results from patient-level claims data 33L003 - Entry and price response in markets without patent protection: The case of pharmaceuticals in Argentina	Rene van Vliet  Paul Grootendorst  Daniel Maceira
	V044	OC 33M 4	Alcohol and teenagers	33M001 - Risk perceptions and alcohol consumption among young people 33M002 - Do government policies affect illegal sales to teenage minors in the US? 33M003 - What government policies help youth avoid risky behaviour?	Petter Lundborg  Frank J Chaloupka  David Bishai
	VI19	OC 33N 4	Willingness to pay	33N001 - Socioeconomic and attitudinal determinants of individuals' willingness to pay for a HIV/AIDS Vaccine in Guadalajara, Mexico 33N002 - Willingness to pay for reducing the risk of death by improving air quality: a contingent valuation study in Chongqing, China 33N003 - Is there a 'dead anyway' effect in the willingness to pay for risk reduction?	Dale Whittington  Hong Wang  Friedrich Breyer
	PL006	OC 33O 7	Valuing non-market goods – alternative methods	33O001 - Valuation techniques compared: Revealed preference versus contingent valuation for radon-induced lung cancer prevention 33O002 - Use of structural equation modelling to test construct validity of monetary valuation of non-market goods: Results from the day case surgery 33O003 - Valuation of the health impacts of violent crime using stated preference methods	Christine Kennedy  Eulalia Dalmau-Matarradona  Andrew Healey



### Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
15.00	LYONS	ORG 34A 2	Economics of the pharmaceutical industry	34A001 - Recent mergers in the pharmaceutical industry 34A002 - Physician visits, prescriptions, and sales of pharmaceutical products: Implications for the USA in an international comparison 34A003 - Health care and pharmaceuticals: Mortality by cause and disability- adjusted mortality	William Comanor  Robert J Kemp  Richard D Miller Jr <i>Organiser: Robert Kemp</i>
	V045	ORG 34B 2	The economics of nursing home care	34B001 - The economic implications of a case-mix adjusted nursing home payment system 34B002 - Nursing home to nursing home transfers: Provider choice in a vulnerable population 34B003 - OBRA 1987, Medicaid reimbursement rate, the percentage of Medicaid residents, and the quality of nursing home care	David C Grabowski  Richard A Hirth  Virender Kumar <i>Organiser: David Grabowski</i>
	CH	ORG 34C 4	The economics of employer-sponsored health insurance	34C001 - How elastic is the firm's demand for health insurance? 34C002 - The demand for dependent health insurance coverage: How important is the marginal cost of family coverage? 34C003 - Health insurance and retirement behavior: How do women differ from men?	Michael Lettau  Alan C Monheit  Jeanette Rogowski <i>Organiser: Tom Buchmueller</i>
	PL002	ORG 34D 5	Who is paying for health care in transition economies? The implication of informal payment	34D001 - Informal payments in the health sector: Experience from Poland and Georgia 34D002 - Health insurance funding mechanisms and health care inequality: Evidence from Eastern Europe and Central Asia	Mukesh Chawala  Maureen Lewis <i>Organiser: Maureen Lewis</i>
	VI23	ORG 34E 3	Markets for malaria related commodities	34E001 - Understanding the market for the provision of malaria related treatment in rural Tanzania 34E002 - Analysing markets for insecticide-treated nets (ITNs): The contribution of a social marketing approach in Tanzania 34E003 - Demand for nets: the development of markets for ITNs in Mozambique	Catherine Goodman  Nassor Kikumbih  Martinho Dgedge <i>Organiser: Anne Mills</i>
	VI19	ORG 34F 7	Technology diffusion and welfare effects in the care for newborns	34F001 - The technology of birth: is it worth it? 34F002 - Managed care, technology adoption, and welfare effects: The case of neonatal intensive care 34F003 - Higher therapeutic intensity in the NICU does not necessarily result in improved outcomes	Ellen Meara  Laurence C Baker  Shoo K Lee <i>Organiser: Ciaran S Phibbs</i>
	PL006	ORG 34G 5	Contracting for mental health and substance abuse	34G001 - US managed care organisations' contracting arrangements for substance abuse and mental health 34G002 - Carve-outs and cost shifting in US mental health care	Dominic Hodgkin  Haiden A Huskamp <i>Organiser: Dominic Hodgkin</i>



### Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
15.00	B006	OC 34H 7	Economic evaluation methods II	34H001 - Dealing with censored cost data 34H002 - Extrapolating beyond observed data in economic analyses: The case of Riluzole for Motor Neurone Disease 34H003 - Uncertainty surrounding estimated survival, in the absence of a control group, obtained from published prognostic models	Jan Oostenbrink  Stirling Bryan  Tracey Young
	B002	OC 34I 7	Valuing health states II	34I001 - An assessment of the impact of informative drop out in measuring the health related quality of life over time of liver transplant recipients 34I002 - Development of a weighting system for the assessment of consistency in Euroqol health state evaluations 34I003 - Proxy completion of EQ-5D in patients with dementia: An investigation of inter-rater agreement	Julie Ratcliffe  Irina Cleemput  Wendy Coucill
	PX001	OC 34J 2	Supply of care: Effects of regulations, rationing, remuneration	34J001 - The effect of legislative reform, reimbursement rates, payer-mix and competition on nursing home quality 34J002 - The effect of physician "job action" in British Columbia on fee-for-service expenditures 34J003 - Do Medicare's hospital payments subsidise managed care plans' costs?	Virender Kumar  Morris Barer  Didem Bernard
	VI20/121	OC 34K 3	Equity and cost effectiveness of interventions	34K001 - Costs and cost effectiveness of different DOTS strategies for treatment of tuberculosis: Economic results of a randomised controlled trial in Pakistan 34K002 - Measles vaccination improves the equity of health outcomes in a population: Evidence from Bangladesh 34K003 - Measuring the impact of an essential service package on the vulnerable of Bangladesh	Sophie Witter  David Bishai  Tim Ensor
	VX230	OC 34L 1	Measuring inequality	34L001 - Equity in the delivery of health care in Belgium 34L002 - Measuring, testing and explaining income related inequality in the health of GP practice populations 34L003 - Developing indicators for areas with medical underservice: Cancer diagnosis in three US cities	Tom Van Ourti  Mark Dusheiko  Janis Barry Figueroa
	PL005	OC 34M 5	Financial incentives and GP behaviour	34M001 - The effect of patient shortage on GPs' future income and list of patients 34M002 - Waiting times for hospital admissions: The impact of GP fundholding 34M003 - Selection and improvement: Physician responses to financial incentives	Tor Iversen  Carol Propper  Jason Barro
	PL001	OC 34N 4	Choice modelling	34N001 - What do consumers value from carrier status screening? An application of choice modelling 34N002 - Lives worth living: Older smokers' stated preferences for longevity 34N003 - A comparison of consensus and nonconsensus approaches to modeling contraceptive choice behavior	Jane Hall  Reed Johnson  Li-Wei Chao
	V044	OC 34O 4	Modelling income and health	34O001 - Income per capita, fertility and children's health 34O002 - The differential dynamics of health in British households 34O003 - The relationship between health and income: Investigating the causal direction	Marcelo Delajara  Paul Contoyannis  Garland Brinkley



## Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
16.45	B006	ORG 35A 2	Cross national differences in treatments, costs and outcomes of breast cancer	35A001 - Breast cancer in a cross national perspective: Impact of institutional incentives on treatment patterns and outcomes 35A002 - Resource allocation, expenditures and patterns of care for breast cancer in the United States 35A003 - Public and generous? The Belgian health care systems and the use of technologies in treating breast cancer 35A004 - Resource use variation in hospital care for breast cancer in Japan 35A005 - Breast cancer in Sweden: The impact of supply side regulations	Melissa Hughes Martin Brown Marie Christine Closon Yuichi Imanaka Torgil R Moller <i>Organiser: Stephane Jacobzone</i>
	LYONS	ORG 35B 2	Economic considerations in practice guidelines	35B001 - Integrating cost-effectiveness evidence into clinical practice guidelines in Australia 35B002 - The role of economic analysis in clinical guidelines relating to pharmaceuticals in Canada 35B003 - NICE economic analysis and clinical guidance: a tale of two committees 35B004 - Introducing economic considerations in practice guidelines	Kathryn Antioch Douglas Coyle James Mason Frans Rutten <i>Organiser: Frans Rutten</i>
	CH	ORG 35C 5	HMO markets and economic behaviour	35C001 - HMO behaviour and stock market valuation 35C002 - Is the HMO marketplace competitive? 35C003 - Causes and consequences of the HMO underwriting cycle	Mark Pauly Mark Pauly Douglas Wholey <i>Organiser: Roger Feldman</i>
	PX001	ORG 35D 4	Conceptual and practical issues in valuing the benefits from health care: Contrasting welfarist and non-welfarist perspectives	35D001 - The seven Cs: Community capabilities, communitarian claims and creating capacity for change 35D002 - Valuing the benefits of health care: Is there anything 'extra' in 'extra-welfarism'? 35D003 - A non-welfarist rationale for the public provision of health care	Gavin Mooney Cam Donaldson Paul Dolan <i>Organiser: Paul Dolan</i>
	V119	ORG 35E 3	Reproductive health services in developing countries: Issues of sustainability	35E001 - Setting prices for reproductive health services in the public sector: an example from Guatemala 35E002 - Expansion of services: Which economic criteria should we use? 35E003 - Estimating the capacity of reproductive health programmes: Implications for costs	John Bratt Rick Homan Barbara Janowitz <i>Organiser: Barbara Janowitz</i>
	V044	OC 35F 7	Economic evaluation methods 6	35F001 - Developing a QALY for substance abuse 35F002 - Valuation of informal care 35F003 - Patient cost diary as valid measure of total costs in cost effectiveness research	Denise Bury-Maynard Silvia Evers Marielle Goossens



### Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
16.45	PL001	ORG 35G 7	The role of the community in priority setting	35G001 - "For all of us": values, principles and reluctance to be involved in the denial of care 35G002 - Can economic methods reflect a community's values? 35G003 - Health care priorities: the community's preferences for using community preferences	Joanna Coast Alan Shiell Virginia Wiseman <i>Organiser: Alan Shiell</i>
	B006	OC 35H 7	Valuing health states III	35H001 - Social elicitation of health states preferences through Person Trade Off (PTO) 35H002 - To what extent do people prefer health states with higher values? 35H003 - Patient satisfaction, economic analysis and priority setting	Juan M Cabasés Jennifer Roberts Ingemar Eckerlund
	V045	OC 35I 2	Impact of pharmaceutical regulation	35I001 - Has mandatory economic evaluation influenced the price of prescription drugs in Australia? 35I002 - A policy impact analysis of pharmaceutical cost containment in Alberta 35I003 - Procurement price regulation and generic competition	Anthony Harris Konrad Fassbender Aslam Anis
	PL006	OC 35J 1	Inequalities in detection and treatment of breast cancer	35J001 - Cost effectiveness analysis of breast cancer control for African-Americans: economic issues in CEA for vulnerable populations 35J002 - Using instrumental variable analysis propensity scores to compare outcomes localised breast cancer treatments in Medicare Population 35J003 - Systematic variations in breast screening utilisation in New South Wales: a comparison of needs-based and demand based programmes	Mariannne Fahs Daniel Polsky Kees van Gool
	V120/121	OC 35K 5	Hospital ownership and economic behaviour	35K001 - Entry of for-profit hospitals and spillover effects 35K002 - Ownership and contracting for health care 35K003 - Market structure, ownership and hospital length-of-stay	Gabriel Picone Karen Eggleston Mark Wilson
	PL005	OC 35L 6	Managed care and plan choices	35L001 - Influence of market factors and policy variables on the entry and exit from Medicare+choice plans 35L002 - The effectiveness of non-price rationing employed by managed care plans 35L003 - Public-private competition in the US Medicare program: regulation and reform	Tim McBride Stephen Parente Jason Brown
	PL002	OC 35M 4	Health status measurement	35M001 - Effects of demographic factors on utility scores for hypothetical health states 35M002 - Do patients evaluate the same treatment? Diabetics' stated preferences for insulin therapies 35M003 - What do self reported, objective measures of health measure?	Bill Furlong Ginger Smith Mark Stabile



### Tuesday 24 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
16.45	VI23	OC 35N 4	Valuation techniques and international comparison	35N001 - How well do health state valuation techniques cross cultures? Evidence from Kenya 35N002 - Comparing methods for estimating a value of statistical life in different countries 35N003 - Person trade-off methods and the global burden of disease: Implications for health-preference structures	Julia Fox-Rushby Anna Trawén Jeremy Lauer
	VX230	OC 35O 1	Income inequality and health II	35O002 - Income inequality and mortality in the US: aggregate data and micro relationships 35O001 - Income inequality and health status in Canada: a longitudinal study 35O003 - The effects of income inequality and residential segregation on mortality in metropolitan America: A multilevel analysis	Douglas Miller Christopher McLeod Norman Waitzman

#### Panel Session 31G Using cost effectiveness analysis to set sector wide priorities

Chair: Anne Mills, London School of Hygiene and Tropical Medicine

Presenters: Virginia Wiseman, Rafael Lozano, David Evans.

Discussant: Frans Rutten, Erasmus University

In the early 1990s, cost-effectiveness analysis was widely recommended as a tool to help decide on the allocation of resources across the whole health sector; as exemplified in its application in the 1993 World Bank World Development Report 'Investing in Health'. Following this report, burden of disease and cost-effectiveness analysis was applied in a number of developing countries, and continues to influence the interaction on policies and priorities between developing countries and donor agencies. In the developed world, after an initial enthusiasm for cost-effectiveness league tables, priority setting is employing a broader range of criteria and a more flexible approach.

In 2000, WHO published an approach to using cost-effectiveness to set priorities which proposed a sectoral perspective in which the cost and effectiveness of all possible interventions are compared in order to maximise health for a given set of resource constraints. This raises questions as to both the methodology to be used and the relevance and value of cost-effectiveness analysis in decision making on overall priorities.

This panel session will:

- Present and critique the approach and methodology of the WHO generalised cost-effectiveness analysis
- Present country case studies of the use of economic evaluation to set health care priorities and highlight lessons for analysts and decision makers.



### Poster Presentations

Tuesday 24 July 2001 – 10.00 to 18.00

36A001	Amin	Mohammad	Price discrimination for obstetric care in private hospitals in Bangladesh
36A002	Antioch	Kathryn	Risk adjusted capitation funding models for chronic disease in Australia: Implementing distributional justice
36A003	Atherly	Adam	Health status and heterogeneity of cost-sharing responsiveness: how do sick people respond to cost-sharing?
36A004	Barre	Stéphanie	Deinstitutionalization of schizophrenic patients: Cost-Consequences and policy implication of Intensive Case Management versus Standard Case Management
36A005	Bokhari	Farasat	Managed care and the adoption of hospital technology: The case of cardiac catheterization
36A138	Brijlal	Vishal	Costing of primary health care services in South Africa - issues of equity and efficiency
36A006	Carrère	Marie Odile	A randomised crossover trial of chemotherapy in hospital at home versus standard hospital care : Marginal versus average costs
36A007	Chi	Chunhuei	Supply factors that influenced the inflation of medical care expenditure under Taiwan's NHI
36A008	Cleemput	Irina	The relationship between quality of life as measured by the EQ-5D and therapeutic noncompliance in hemodialysis
36A009	Costa Font	Joan	Willingness to pay for long-term care insurance benefits
36A010	Couttolenc	Bernard	Household health care expenditure in Brazil: long-term trends and equity implications
36A011	Eichler	Rena	Performance based reimbursement to improve impact: Evidence from Haiti
36A012	Fassbender	Konrad	Cost-effectiveness of primary health care
36A013	Felder	Stefan	Nonmaleficence and the diagnostic cutpoint
36A014	Fournier	Agnès	Use of Rasch Models for validation of instruments used in mental health evaluation
36A015	Franzini	Luisa	Contribution of social conditions to inequalities in years of life lost due to heart disease in Texas
36A016	Gilson	Lucy	How can health economists influence health care financing policy change?
36A017	Gomez-Jauregui	Jesica	Political feasibility of the entrance of private services in the new social security scheme
36A019	Hollinghurst	Sandra	The Public Health Modelling and Decision Sciences Group
36A018	Holmes	Ann	Inequality aversion in preferences for mental health states
36A020	Holton	Christine	Systematic diabetes care in Australian general practice – could it be cost-effective?
36A021	Honda	Chika	International comparison of subjective health evaluation and an investigation for adaptation
36A022	Hongoro	Charles	Low cost medical insurance in Zimbabwe: Is it really low cost?
36A023	Hooker	Roderick	Cost-benefit analysis of physician assistants
36A024	Hopkins	Sandra	The relationship between income inequality and health status: Australian evidence
36A025	Hornbrook	Mark	Global risk-assessment for defined populations: An all-payer perspective
36A026	Hossain	Atia	Charging fees for expanded programme on immunisation (EPI) services: Who are unwilling-to-pay?
36A027	Hu	Yu-Whuei	Inequality in health care and health among American women
36A028	Hutton	Guy	Indicators for monitoring the health sector and the impact of the sector-wide approach in Dar es Salaam, Tanzania
36A029	Hutubessy	Raymond	Stochastic league tables: communicating cost-effectiveness results to decision makers
36A030	Ida	Takanori	The supply of health service under the congenital and acquired risks of health: complete information and incomplete information
36A031	Ii	Masako	An empirical research on substitutability between medical services and over-the-counter medication – analysis for 13 different minor ailments
36A032	Ilersich	Lane	Distilling the root causes of Rising Canadian expenditures for drugs
36A033	Iversen	Peter	Why are so few health economic evaluations used for priority setting and policy formulation?
36A034	Iversen	Tor	The effect of activity based financing on hospital efficiency
36A035	Jacobs	Phil	An instrument to assess the quality of cost estimates
36A036	Jofre-Bonet	Mireia	Trading apples for oranges? Results of an experiment on the effects of heroin and cocaine price changes on addicts' polydrug use



## Poster Presentations

Tuesday 24 July 2001 – 10.00 to 18.00 continued

36A037 Jones	Trefor	Context in a contingent valuation: An examination of community valuation of three government services
36A038 Joore	Manuela	The cost-effectiveness of hearing aid fitting in the Netherlands
36A039 Kaddar	Miloud	Financing of immunization programs in four countries
36A040 Karnon	Jonathan	An empirical comparison of a Markov process and a discrete event simulation for modelling the cost-effectiveness of alternative adjuvant therapies for early breast cancer
36A041 Kasuya	Masashi	What affects selection of family pharmacies and patient satisfaction in pharmacies?
36A042 Kennedy	Christine	Objective versus subjective risk: Implications for willingness to pay valuation techniques
36A043 Kennedy	Steven	The stability of self assessed health status
36A044 Khan	Mahmud	Socioeconomic development and immunization coverage: A cross-national analysis
36A045 Kiiskinen	Urpo	Empirical analysis of health education, health knowledge and production of health
36A046 Kinoshita	Hiroki	Influence of separation of dispensing and prescribing on drug expenditures in Japan
36A047 Kitajima	Tsutomu	Accessibility to health care services among the elderly in a municipality in Tokyo
36A048 Kobelt	Gisela	Cost-utility analysis of Interferon beta-1b in secondary progressive multiple sclerosis using Natural History Disease Data
36A049 Kondo	Katsunori	Relationship between income and prevalence of disability among older people in a municipality in Japan
36A050 Koppel	Agris	The system of indicators for evaluation of primary health care reform
36A051 Kuhn	Michael	Delegating decisions in health-care-institutions
36A052 Kuo	Sylvia	Emergency room use by the uninsured: The role of access barriers to alternative sources of care
36A053 Kurowski	Christoph	Costs of scaling-up tuberculosis-related interventions in sub-Saharan Africa
36A054 Lai	Chiu-Ling	Development of a diagnosis-based risk assessment model in Taiwan
36A055 Laporte	Audrey	The effect of income distribution on mortality: Evidence from American data
36A056 Le Corroller	Anne-Gaëlle	Economic evaluation of outpatient follow up after autologous bsc rescue in patients with solid tumor or hematological malignancy: preliminary results and RCT innovative design
36A057 Lee	I-Cha	Differences in smoking by educational level and area deprivation: findings from the 1994 Taiwan Health Interview Survey
36A058 Lertiendumrong	Jongkol	Productivity of hospitals in the context of change: A case study of general public hospitals in Thailand
36A059 Liang	Lan	Alcohol control policies and risky sexual behaviors among college students
36A060 Lievens	Yolande	Activity-based costing in radiotherapy: The costs of activities
36A061 Lin	Shin-Jong	The demand for preventive medical care among married women in Taiwan
36A062 Linnosmaa	Ismo	Price competition and insurance reimbursement in health care
36A063 Lorant	Vincent	Socio-economic horizontal inequity in preventive medicine and health care
36A064 Lu	Mingshan	Performance-based contracting and reporting incentives
36A065 Lundin	Douglas	A median voter model of health insurance with ex post moral hazard
36A066 Maceira	Daniel	Market structure and provider payment mechanisms: Experiences from Mendoza, Argentina
36A067 Makinen	Marty	Examining the potential role of external organizations and donors in strengthening immunization financing in developing countries
36A068 Maljanen	Timo	Contingent valuation - some empirical findings
36A069 Marino	Patricia	Sequential administration minimize cost of chemotherapy. An economic assessment in inflammatory breast cancer
36A070 Martinsson	Peter	The effect of prevention campaigns and cigarette prices on the age of starting smoking
36A071 Mayston	David	The economic determinants of health inequalities
36A072 McCready	Douglas	Demographic change and health costs to 2021 in Canada
36A073 McDaid	David	Searching literature databases for health care economic evaluations: how systematic can we afford to be?



### Poster Presentations

**Tuesday 24 July 2001 – 10.00 to 18.00 continued**

36A074	McElroy	Brendan	Weighted capitation modelling of General Practitioner prescribing budgets in the Republic of Ireland
36A075	McIntosh	Emma	Using discrete choice experiments to assess the cost-effectiveness of genetic counselling services
36A076	McIntyre	Di	Contracting out primary care services: feasibility and desirability in middle- and low-income countries
36A140	Meenan	Richard	Identifying high-cost risks in administrative data
36A077	Mennini	Francesco Saverio	Size and trends of the pharmaceutical market in Italy (1980-1997)
36A078	Mestre	Jorge	A note on the effect of implementing a reference price system in the Spanish pharmaceutical market.
36A079	Moschetti	Karine	Prospective payment and yardstick competition from economic theory to experiments
36A080	Mosher	Steven	Recruitment and retention of workers in long term care organizations: The economics of a best practices management model
36A081	Mrazek	Monique	Empirical evidence on post-patent market shares of branded drugs and the impact of generic entry in the UK, Germany and US
36A082	Mugisha	Frederick	Costing health care interventions at primary health facilities in Nouna, Burkina Faso
36A139	Muheki	Charlotte	Why are some hospitals more efficient than others? A Case Study of Public Hospitals in South Africa
36A083	Muirhead	Debbie	Reported or predicted morbidity? Options for measuring progress toward equity in health in data poor environments
36A084	Nauenberg	Eric	Adverse selection in rostered health care systems: A re-examination of US Medicare HMO Disenrollment patterns and post-disenrollment expenditures.
36A085	Nicholson	Tricia	A cost and quality of life analysis of haemodialysis provision in different settings
36A086	Nixon	John	Convergence of health care spending and health outcomes in the European Union, 1960-95
36A087	Nordyke	Robert	Determinants of productivity and resource utilization among public and private PHC physicians
36A088	Norinder	Anna	Costs for screening, intervention and hospital treatment generated by the Malmö Preventive Project: A large-scale community programme
36A089	Nyman	John	The theory of the demand for health insurance
36A090	O'Keeffe-Rosetti	Maureen	Joint household production of family care for frail elders
36A091	Ogura	Seiritsu	Why do the Japanese spend so much on drugs?
36A092	Ohkusa	Yasushi	An empirical research for demand of influenza vaccination
36A093	Okamoto	AtoZ	Disease magnitude approach for estimating disease specific cost in health insurance claims
36A094	Oldridge	Neil	Community versus patient preferences: does it matter?
36A095	O'Meara	Gloria	Health insurance markets concentration for the poor population in Colombia
36A096	Onda	Mitsuko	A comparative study of price elasticity of pharmaceutical demands among characteristics of healthcare institutions and regions focusing on The average daily dosage
36A097	Ondategui	Silvia	USE of variables (attributes) to prioritise the patients that are in waiting list of kidney transplantation
36A098	Onwujekwe	Obinna	Willingness to pay for insecticide-treated nets in Nigeria: Criterion validity of a novel contingent valuation technique and two existing ones.
36A099	Pang	Francis	A structured review of the generalisability of cost-effectiveness studies conducted In The United Kingdom
36A100	Passman	Leigh	Trends in supplemental health insurance in Brazil 1995-2000.
36A101	Pekurinen	Markku	The Pirkanmaa contracting model: co-operation is a key to successful contracting and cost-containment
36A102	Pereira	João	Income, equivalence scales, health and inequality in Portugal
36A103	Perillat	Anne	Cross-cultural validation of the brief QoL scale in 3 languages. I. Internal validity
36A104	Persson	Ulf	The economics of parallel trade in pharmaceuticals: Experiences from Sweden



### Poster Presentations

**Tuesday 24 July 2001 – 10.00 to 18.00 continued**

36A105	Phillips	Kathryn	An experiment on simplifying conjoint analysis exercises for measuring preferences
36A106	Pignataro	Giacomo	Lying today to be useful tomorrow: an application of "political correctness" games to the doctor-patient relationship
36A107	Pilyavsky	Anatoly	Identifying efficiently operated hospitals in Ukraine
36A108	Pinzón Martínez	Maureen Jennifer	Financing of the subsidies for the affiliation to the subsidized health regime in Colombia
36A109	Ponce	Ninez	Does technology assessment have an impact on diffusion of new technologies? a cross national panel study of six industrialized countries
36A110	Portrait	France	Life expectancies in specific health states
36A111	Pyne	Jeffrey	Cost-effectiveness analysis of a primary care intervention for depression
36A112	Ramsey	Scott	Beyond bootstrapping: how should we project the changes observed in short-term stochastic cost-effectiveness evaluations?
36A113	Rannan-Eliya	Ravindra	Implementation of OECD System of Health Accounts in a developing country setting: Sri Lanka's National Health Accounts
36A114	Rathe	Magdalena	Achieving equity within the context of health finance and reform
36A115	Räty	Tarmo	Cost efficiency and its determinants in Finnish primary care
36A116	Rely	Kely	Comparison of cost effectiveness of selected interventions to Reduce MTCT of HIV in a low prevalence country (Mexico)
36A117	Reschovsky	James	Examining variations in health insurance premiums across local healthcare markets
36A118	Ried	Walter	On optimal length of life in the presence of an investment benefit of health
36A119	Riemer- Hommel	Petra	Competition and hospital product choices in Lower Saxony
36A120	Rissanen	Pekka	Effectiveness and costs of a asthma rehabilitation programme
36A121	Rizzo	Ilde	The determinants of public-private mix in the supply of hospital services
36A122	Roberts	Jennifer	Estimation of a preference-based index measure of health for the SF-12 and comparison to the SF36 preference-based index
36A123	Routh	Subrata	Current expenditure and willingness-to-pay for health services in public-sector facilities: Evidence from rural households of Bangladesh
36A124	Rovira	Joan	Benefits packages: Theory and practice in Latin American countries
36A129	Ryan	Mairin	The impact of adopting highly active antiretroviral therapy as standard of care on determinants of HIV-related healthcare expenditure
36A125	Schut	Frederik	Effects of managed competition in social health insurance on consumer behavior: A comparison between Germany and the Netherlands
36A126	Siciliani	Luigi	Selection of treatment under prospective payment
36A127	Stolk	Elly	Normative criteria in resource allocation
36A128	Suraratdecha	Chutima	A contingent valuation study to elicit willingness to pay for an AIDS vaccine in Thailand
36A130	Terris- Prestholt	Fern	Model-based evaluation of the Replication of STD interventions: Implications for cost and cost-effectiveness
36A131	Thabrany	Hasbullah	The burden of health care in the household expenditure in Indonesia
36A132	Tilford	John	Willingness to pay for a reduction in doctor's office waiting time.
36A133	Vujicic	Marko	Recent trends in the labor market for nurses in Canada
36A134	Walker	Damian	Economic evaluation of non-communicable disease interventions in developing countries: A review of the published literature
36A135	Wilson	Sven	The puzzling impact of education on disease prevention in later life: A comparative analysis of common chronic illnesses
36A136	Xavier	Ana	Joint production or specialisation? UK NHS specialists and the impact of information and private practice on the number of elective patients treated
36A137	Yip	Winnie	Pricing and payment reforms in China: current issues, short-term solutions and long-term challenges



**Programme at a Glance - Wednesday 25 July**

<b>08.30 – 10.00</b>	<b>Parallel Sessions</b>	<b>41A – 41N</b>
<b>10.00 – 10.30</b>	<b>Coffee</b>	
<b>10.30 – 12.00</b>	<b>Parallel Sessions</b>	<b>42A – 42N</b>
<b>12.00 – 13.00</b>	<b>Lunch Poster Viewing</b>	<b>Posters 45A001 – 45A086</b>
<b>13.00 – 14.30</b>	<b>Parallel Sessions</b>	<b>43A – 43O</b>
<b>14.30 – 15.00</b>	<b>Tea</b>	
<b>15.00 – 16.00</b>	<b>Plenary Session</b>	<b>44A</b>



### Wednesday 25 July 2001

Time	Room No.	Session	Title	Papers	Presenters
08.30	PL002	ORG 41A 2	Tobacco, public policies and mortality risks	41A001 - Death and tobacco taxes: analysis of longitudinal data with unobservable individual heterogeneity 41A002 - The effects of taxes and public information on smoking cessation 41A003 - Mortality from breast carcinoma among US women: the role of smoking, heterogeneous insurance and screening mammography	Andrew Jones  Donald Kenkel  Albert A Okunade <i>Organiser: Albert A Okunade</i>
	LYONS	ORG 41B 4	Practical and empirical considerations in using public preferences to inform resource allocation decisions in health care	41B001 - Whose quality of life? Exploring discrepancies between health state evaluations of patients and the general public 41B002 - Can we reflect variation in societal health state preferences in cost-effectiveness analysis? 41B003 - The role of equity preferences in health care policy	Peter Ubel  Mark Sculpher  Peter C Smith <i>Organiser: Paul Dolan</i>
	PL001	ORG 41C 3	National Health Accounts in East and Southern Africa and South East Asia: past experiences and future challenges	41C001 - Towards the institutionalisation of National Health Accounts: the case study of South Africa 41C002 - A cross-country comparison of National Health Accounts in the East and Southern Africa Region 41C003 - National Health Accounts in Thailand: From inception to institutionalisation	Debbie Muirhead  Takondwa Mwase  Viroj Tangcharoensathien <i>Organiser: Debbie Muirhead</i>
	PX001	ORG 41D 3	The economics of health care reforms in Asia	41D001 - China's health sector reform: the role of the government and market 41D002 - An economic analysis of health care reform in Taiwan 41D003 - What did we learn from the health care reform experiments in China? 41D004 - Changing health care policies in Japan: implications for consumption, income and health 41D005 - Korean health care system and its reform	William Hsaio  Tei-Wei Hu  Gordon Liu  Tetsuji Yamada Bong-Min Yang <i>Organiser: Gordon Liu</i>
	CH	ORG 41E 4	Discrete choice experiments in health economics	41E001 - Using choice experiments to value health care programmes: current practice and future challenges 41E002 - Sources and effects of utility-theoretic inconsistencies in stated preference survey responses 41E003 - Qualitative and quantitative methodological issues involved in successful stated preference applications: some CHERE methods and modelling experiences	Mandy Ryan  Reed Johnson  Jane Hall <i>Organiser: Mandy Ryan</i>
	B002	OC 41F 7	Economic evaluation methods III	41F001 - Using cost-effectiveness analysis in assisting in the design and prioritisation of clinical trials: a case study of a potential trial of colorectal cancer follow-up regimens 41F002 - Something old, something new, something borrowed, something BLUE: a framework for the marriage of health econometrics and cost-effectiveness analysis 41F003 - A quantitative review method for creating an evaluation study variable list	Douglas Coyle  Jeffrey Hoch  Ewald Bronkhorst





## Wednesday 25 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
08.30	VX230	OC 41G 7	Economic evaluation methods IV	41G001 - Does where you live affect if and how you discount future costs and benefits in economic evaluation? Should it?	Lisa Faulkner
				41G002 - Making the results comparable in economic evaluations across countries: Is purchasing power parity enough?	Anne Ludbrook
				41G003 - The methodological issues in the economic evaluation of end-stage renal disease	Braden Manns
	V045	ORG 41H 7	Evidence based health care: always better for patients and society?	41H001 - The 'number needed to treat' and the 'adjusted NNT' in health care decision making 41H002 - Do RCTs always provide the best evidence for health policy? 41H003 - Evidence-based medicine, resource allocation and decision making 41H004 - The number needed to treat: A misleading measure of health benefit	Jack Dowie Ragnar Hotdvedt Stephen Jan Ivar Sønbo Kristiansen <i>Organiser:</i> Ivar Sønbo Kristiansen
	VI23	OC 41I 2	Modelling externalities and information	41I001 - Market structure and infectious diseases 41I002 - Optimal access to hospitalised/ specialised attention from primary health care 41I003 - Influencing the misinformed misbehavior	Stephane Mechoulan Begona Garcia Francesca Barigozzi
	PL008	OC 41J 1	Inequalities in health and health care in the US: III	41J001 - Racial disparities in service use after mandatory enrolment in Medicaid managed care: A difference-in - differences approach 41J002 - A decomposition of changes in medical care expenditure distributions in the US Households 41J003 - State AIDS Drug Assistance Programs (ADAPs): Equity and efficiency in an era	Ming Tai-Seale Ya-Chen Tina Shih Mira Johri



### Wednesday 25 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
08.30	V120/ 121	OC 41K 	Pharmaceutical choice and subsidy	41K001 - The impact of physician preferences and patient habits on the diffusion of new drugs 41K002 - Direct to consumer advertising for prescription drugs: A game theoretic model 41K003 - The impact of public based research on industrial innovation: evidence from the pharmaceutical industry	Douglas Lundin David Bradford Andrew Toole
		PL006	Hospital competition in Asian and Pacific countries	41L001 - Competition under single payer system: evidence from the Taiwan hospital market 41L003 - Understanding competition among private hospitals in Bangladesh 41L002 - Payment methods and competitive strategies among small private hospitals in urban India: a study of Chennai city	Rachel Lu Mohammad Amin Vangal Muraleedharan
		V044	Utilisation of health care	41M001 - Does insurance have a differential effect on immigrant use of health services in the United States? 41M002 - Demand of maternal health care services in Ecuador: a multilevel analysis 41M003 - The impact of double insurance on the utilisation of the public health system in Catalonia. Are there possibilities for cost saving through the subsidy of private health care?	Ninez Ponce Amparo Gordillo Tobar Angel Lopez
	B006	OC 41N 	Health expenditures	41N001 - Alternative models for health expenditures 41N002 - Increasing longevity, declining disability and future health care expenditures 41N003 - Exploring the effects of population change on the aggregate costs of physician services	Willard Manning Edward Norton Byron Spencer
10.00 to 10.30		Coffee			



## Wednesday 25 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
10.30	CH	ORG 42A 2	International comparisons of health system performances: New evidence from micro studies of common health problems	42A001 - Physician's views on quality of care: a five country survey 42A002 - OECD comparative study of chronic health problems 42A003 - Technological change in health care (TECH) research network: comparative trends in treatments, costs and outcomes for patients with acute myocardial infarction	Robin Osborn  Stephane Jacobzone  Alistair McGuire <i>Organiser: Mark McClellan</i>
	PX001	PNL 42B	Using economic evidence in reimbursement decisions for health technologies	Panel Session (an overview of this session appears on page 45)	Mike Drummond Martin Buxton Tony Harris Bernie O'Brien Frans Rutten
	LYONS	ORG 42C 5	Hospital behavior in turbulent markets	42C001 - The determinants of hospital and HMO integrated delivery systems in a competitive health care sector 42C002 - The effect of exit on hospital markets 42C003 - A utility-theory approach to measuring access to hospital services: Changes in US rural residents' access to hospital services from 1979 - 1999 42C004 - The effect of the Health Care Reform Act (HCRA) on hospital prices, expenses and revenues	Warren Greenberg Richard Lindrooth  Paul E McNamara  Jack Zwanziger <i>Organiser: William Encinosa</i>
	B006	ORG 42D 3	The effects of health on household composition in developing countries	42D001 - Does the placement of AIDS orphans affect their survival? evidence from Uganda 42D002 - Chronic illness and household composition in rural Bangladesh 42D003 - Migrants as an informal risk management strategy: the effect of illness on consumption smoothing. the case of rural Pakistan	David Bishai  Kelly Hallman  Karima S Saleh <i>Organiser: David Bishai</i>
	V045	ORG 42E 3	Health insurance and health reform in the former Soviet Union: The unfulfilled promise	42E001 - Rebuilding risk pooling schemes in Georgia 42E002 - The transition from a National Health Service to mandatory health insurance in the Russian Federation 42E003 - Introducing mandatory health insurance: a comparison of Kazakh and Kyrgyz experience	Sara Bennett  Christopher Davis  Joseph Kutzin
	PL006	OC 42F 7	Valuing health states IV	42F001 - A comparison of QALYs and healthy-years equivalents elicited using the time trade-off in the surgical management of menorrhagia 42F002 - A new explanation for the difference between time trade-off utilities and standard gamble utilities 42F003 - Comparing directly measured standard gamble scores to HUI2 and HUI3	Mark Sculpher  Han Bleichrodt  David Feeny
	B002	OC 42G 7	Economic evaluation methods V	42G001 - Social choice foundations of cost-effectiveness analysis 42G002 - Cost-effectiveness analysis and health care resource allocation: decision rules under variable returns to scale 42G003 - Modelling process uncertainty: can it be measured?	Joseph Lipscomb  Elamin Elbasha  Rogers Busulwa



### Wednesday 25 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
10.30	V123	OC 42H 7	Productivity costs in economic evaluation	42H001 - Productivity costs before and after absence: As important as common? 42H002 - Assessing labour market effects of illness and impairment 42H003 - Indirect costs of illness: assumptions and data	Werner Brouwer Thomas DeLeire Yvan St-Pierre
	VX230	OC 42I 2	Modelling providers	42I001 - Should variations in service standards be tolerated? An economic analysis 42I002 - How can we explain hospital reimbursement schemes from a principal-agent theory and is it sufficient to explain the existence of different schemes? 42I003 - A behavioural model of the hospital	Andrew Street Michael Bech Gérard de Pouvoirville
	PL005	OC 42J 1	Inequalities in health and health care in the US: II	42J001 - The impact of social security on declining mortality rates among the elderly 42J002 - The US Medicare program and socioeconomic differences in health 42J003 - Inequalities in physical health in the United States: 1993-1999	Peter Arno Sandra Decker Saloua Sehili
	PL006	OC 42K 5	Competition and quality 2	42K001 - Hospital/payer bargaining in the US and the role of quality: pricing patterns for Coronary Artery Bypass Graft (CABG) 42K002 - Price vs quality in hospital choice of managed care and FFS patients 42K003 - Lowering transaction costs through branding of franchised services for family planning in Kenya	John Bridges Rebecca Stein Dominic Montagu
	V120/ 121	OC 42L 5	Financial incentives, patient choice and physician behaviour	42L001 - Spillover effects of Medicare fee reductions 42L002 - Patient movements and practice attractiveness 42L003 - Alternative systems for financing health care and paying physician services	Jean Mitchell Guiliano Masiero Lise Rochaix-Ranson
	V044	OC 42M 6	Economies of insurance markets and natural disasters in Taiwan	42M001 - Earthquake and medical care utilization: a natural experiment in Taiwan 42M002 - Evaluating the impact of new co-payment mechanism in Taiwan: a micro-data analysis 42M003 - What brought Taiwan's health care costs down in 1999-2000? Demand-or-supply-orientated measures	Chee-Ruey Hsieh Michael Chun-Chuan Chen Wen-Hui Cheng
	PL002	OC 42N 4	Obesity and smoking: modelling behaviour	42N001 - An economic analysis of obesity 42N002 - Cigarette taxes and smoking behaviour in the UK	Michael Grossman Frank Windmeijer
		Lunch			
12.00 to 13.00					



## Wednesday 25 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
13.00	LYONS	ORG 43A 4	Eliciting community values	43A001 - Challenges and pitfalls in eliciting community values 43A002 - Eliciting community preferences: current practice and future prospects 43A003 - Community preferences for colorectal cancer screening	Penny Mullen Mandy Ryan Glenn Salkeld <i>Organiser: Gavin Mooney</i>
		PX001 ORG 43B 5	Physician substitution	43B001 - The US health care workforce in the 20th century: the impact of nonphysician clinicians 43B002 - Examining the cost-effectiveness of physician assistants 43B003 - Changes in workforce: doctor-nurse substitution in primary health care in the Netherlands 43B004 - Skill mix change in British primary health care teams: a threat to the cost effectiveness of care?	Richard A Cooper Roderick S Hooker Miranda Laurant Bonnie Sibbald <i>Organiser: Roderick Hooker</i>
	V045	ORG 43C 3	Using National Health Accounts for policy in OECD member countries and in lower and middle income countries	43C001 - Using NHA for policy analysis and reform in low and middle income countries 43C002 - The role of the new German National Health Accounts in the framework of the German health information strategy 43C003 - The role of the Korean National Health Accounts in policy analysis and reform	Peter Berman Gunter Bruckner Hyoung-Sun Jeong <i>Organiser: Manfred Huber</i>
	PL001	ORG 43D 7	Economic evaluation and the Cochrane Collaboration	43D001 - Improving the evidence base for economic evaluation based on decision analysis 43D002 - Consensus Health Economic Criteria list (CHEC) 43D003 - Using systematic reviews to model cost-effectiveness: the case of groin hernia repair	Douglas Coyle Silvia Evers Luke Vale <i>Organiser: Luke Vale</i>
	B002	ORG 43E 7	Ageing and health care expenditure	43E001 - Does informal care of the elderly decrease subsequent health care expenditures? 43E002 - End of life medical expenses and financial wellbeing of the surviving spouse 43E003 - Equal division of estates and the exchange motive	Courtney Harold van Houtven Kathleen McGarry Donald H Taylor Jr <i>Organiser: Edward Norton</i>
	B006	ORG 43F 2	The economic analysis of substance use and abuse: Topics in tobacco use and tobacco control policy	43F001 - The political economy of workplace smoking 43F002 - Smoking transitions: the impact of government interventions 43F003 - Are there unintended consequences of alcohol and tobacco policies on college campuses?	Michael J Moore John A Tauras Jenny Williams <i>Organiser: Frank Chaloupka</i>




## Wednesday 25 July 2001 continued

Time	Room No.	Session	Title	Papers	Presenters
13.00	VI23	ORG 43G 7	The economics of antibiotic resistance	43G001 - Economics, interventions and antimicrobial resistance 43G002 - Resistance to antimalarials and the choice of first line drug – the scope for economic evaluation to inform policy 43G003 - Socio-economic issues and antibiotic resistance in the community	Joanna Coast  Catherine Goodman  Richard Smith <i>Organiser: Richard Smith</i>
	PL005	OC 43H 2	Hospital performance: Effect of payment systems	43H001 - Hospital costs and prospective payment system: A study of acute myocardial infarction 43H002 - Prospective funding of general hospitals in Norway: incentives for higher production? 43H003 - Financial incentives and treatment intensity with a discrete distribution of patients' types	Carine Milcent  Egil Kjerstad  Daniele Fabbri
	PL002	OC 43I 2	CEA and regulation	43I001 - Using economic studies to support NHS decision-making: The case of the NSF for mental health 43I002 - Has the quality of the cost-effectiveness of submissions to NICE improved? 43I003 - Integrating cost-effectiveness evidence into clinical practice guidelines in Australia for acute myocardial infarction	John Nixon  Alastair Fischer  Kathryn Antioch
	VX230	OC 43J 1	Income inequality and health I	43J001 - Income inequality and mental health: A link or a chink in the evidence on inequality and health 43J002 - Australian health status and income inequality 43J003 - Premature mortality in US cities: The intersection between income inequality and urban policies	Roland Sturm Steven Kennedy  Cynthia Ronzio
	VI20/121	OC 43K 2	Economics of primary care	43K001 - General practitioner budget holding in New Zealand 43K002 - Primary care vs. speciality physician utilisation under managed care: Complements or substitutes? 43K003 - Evaluation of the performance of alternative models of primary care provision in South Africa	Douglas James  Kanika Kapur  Anne Mills
	PL006	OC 43L 5	Issues in medical labour supply	43L001 - Wage differentials between nurses and other workers in Great Britain 43L002 - Barriers to entering medical specialties in the United States 43L003 - Physicians' services supply: A panel data approach of a natural experiment in Quebec	Stephen Morris  Sean Nicholson  Lise Rochaix-Ranson
	VI19	OC 43M 4	Willingness to pay and addiction	43M001 - Willingness to pay for lifestyle advice 43M002 - Rational addiction and smoking when there are legal and illegal cigarettes 43M003 - Willingness to pay for a health plan that allows physician choice	Rosemary Kelleher  Mikael Bask  Lisa Faulkner
	V044	OC 43N 2	Measurement of provider costs and prices	43N001 - The effect of hospital mergers and acquisitions: An examination of cost and price outcomes 43N002 - Economies of scale and scope for hospitals in Vietnam 43N003 - The multilateral price index for pharmaceuticals Using hedonic quality adjustments	Richard Arnould  Marcia Weaver  Patricia Danzon



**Wednesday 25 July 2001 continued**

Time	Room No.	Session	Title	Papers	Presenters
13.00		OC 43O 	Health insurance	43O001 - Disability benefits and impacts on welfare dependence and health 43O002 - Payments to competing health plans partly based on either actual or prior expenditures: do they yield the same selection-efficiency trade-off? 43O004 - Is health insurance affordable for the uninsured? 43O003 - Household demand for employer-based health insurance	Arthur Sweetman  Erik van Barneveld M Kate Bundorf Jean-Marie Abraham
14.30 to 15.00		Tea			
15.00	P/X 001	PLE 44A		Presidential Address Presentation of Prizes Invitation to San Francisco	Professor Frans Rutten Professor Mike Drummond Professor Richard Scheffler
<b>End of Conference and Closing Party</b>					

**Panel Session 42B Using economic evidence in reimbursement decisions for health technologies**Chair: *Michael Drummond*Panellists: *Martin Buxton, Tony Harris, Bernie O'Brien, Frans Rutten*

There is now considerable experience in different jurisdictions of the use of economic evidence in reimbursement decisions for health technologies. Much of the experience relates to the reimbursement of pharmaceuticals, but increasingly other types of technologies such as devices and medical procedures are being judged in terms of cost-effectiveness.

The objective of this session is to pool experience from 4 countries, with presenters who have extensive knowledge of the conduct and use of economic evaluation of health technologies. In each case the presenter will give a short talk outlining the context for the use of economic evidence in the jurisdiction with which they are most familiar and addressing the following issues: is there evidence that economic data have made a distinctive contribution to decision making, or is this still primarily driven by the clinical data; are cost considerations generally restricted to the health care budget, or are broader impacts on the economy ever considered; is there evidence that data on incremental cost-effectiveness are considered in conjunction with overall budgetary impact; are some types of economic analysis considered to be more valid (and hence more influential) than others; what are the most common methodological weaknesses in the economic studies carried out and submitted in support of requests for reimbursement; to what extent do the different types of health technologies (eg drugs, devices, procedures) pose different challenges for the use of economic evidence; is there evidence of an implicit or explicit cost per QALY threshold?

**Plenary Session 44A****Health Economics: Where does it stand and how to improve its network?**Presidential Address: *Professor Frans Rutten, Erasmus University*

A short overview of the areas within health economics ranging from those considering efficiency at the micro level of health practice to research on the efficiency and equity of health care systems will be given. For this purpose the new Handbook of Health Economics will be used as a guide. For some of these areas the impact of health economics on health policy and practice will be considered. Finally, the actual and future role of the International Health Economics Association to support education and research in health economics and its potential to enlarge its impact will be discussed.



### Poster Presentations

Wednesday 25 July 2001 – 10.00 to 16.00

45A086 Araña	Jorge	Preference imprecision and context in the economic valuation of health
45A001 Carande-Kulis	Vilma	Presenting evidence from systematic reviews of economic evaluations of school sealant programs
45A002 Carey	Kathleen	Hospital costs and length of stay: a patient level analysis
45A003 Grobler	Mendel	Economic evaluation of a coordinated care program in Australia
45A004 Gupta	Anil	Synthesis of health related data with an example on drug utilization
45A005 Häkkinen	Unto	A study on state subsidies for health care in Finland
45A006 Halsteinli	Vidar	Scale, efficiency and organisation in Norwegian psychiatric outpatient clinics for children
45A007 Hamashima	Chisato	Cost-effectiveness analysis of gastric cancer screening using the pepsinogen test
45A008 Hansen	Karina	A pharmacoeconomic evaluation of Zuclopenthixol compared with Haloperidol and Risperidone in the treatment of schizophrenia
45A009 Hauck	Katharina	A longitudinal analysis of health differences and its permanent and transitory components
45A011 Hessel	Franz	Cost-effectiveness of non-contact-tonometry screening for glaucoma by optometricians in Germany
45A012 Jacobs	Rowena	Efficiency and quality in selected EU hospitals using multi-level modelling
45A087 Le Corroller	Anne Gaelle	Internal consistency of the willingness to pay (WTP) method : the French EuroWill experience
45A013 Mallory	Charles	Home care in Canada
45A014 Robinson	Suzanne	The development of the PTO for estimating disability weights
45A015 Rogeberg	Ole	Rational addiction and the analysis of preferences: a critique of Becker
45A016 Rosen	Amy	Comparing the performance of two diagnosis-based case-mix measures among groups of veterans using healthcare services
45A017 Rosko	Michael	Impact of HMO penetration on US hospital inefficiency: a panel analysis
45A018 Ross	Gary	Cost comparison of Sentinel Node Biopsy against Elective Neck Dissection for managing squamous cell carcinoma of the head and neck in the clinically negative neck.
45A019 Routh	Subrata	An analysis of healthcare expenditure behaviour of urban households in Bangladesh
45A020 Rovira	Joan	Designing valid and meaningful drug price indexes
45A021 Roy	Thomas	A cost minimization study of chemotherapy as primary treatment in advanced colorectal cancer: A mixed generalized linear model approach in comparing three 5FU schedules
45A022 Sakthong	Phantipa	The cost-effectiveness of screening and ACE-Inhibitors treatment of nephropathy in type II diabetic patients
45A023 Salas	Christian	Simultaneous control of unobserved heterogeneity and sample selectivity in probit analyses of postal survey data
45A024 Sales	Anne	Factors affecting choice of community residential care setting
45A025 Sampson	Jerome	Using financial ratios to compare pharmacy spending in the Department of Veterans Affairs, US Government
45A026 San Miguel	Fernando	Testing for 'rationality' in discrete choice experiments
45A027 Santoyo-Vistrain	Rocio	Disability-adjusted life years and its economical impact in workers of the chemical industry insured in Mexico
45A028 Sarazin Klemencic	Ksenija	Willingness-to-pay in a transitional economy
45A029 Savage	Elizabeth	Moral hazard and adverse selection in Australian private hospitals
45A030 Schneider	Pia	National Health Accounts analysis of HIV/AIDS in Rwanda: financing flows and policy challenges
45A031 Schultz	Jennifer	Selection of health care provider systems in a direct contracting model
45A032 Schut	Frederik	Crowding out of individual health insurance by group health insurance
45A033 Seccombe	Karen	Health literacy, access, and use of health services
45A034 Segal	Leonie	An evaluation of coordinated care and funds pooling for high risk populations - evidence from the Australian coordinated care trials



## Poster Presentations

Tuesday 25 July 2001 – 10.00 to 16.00 continued

45A035 Sendi	Peter	Uncertainty and economic evaluation in the presence of constrained resources and a portfolio of health care programs
45A036 Sennfalt	Karin	Comparison of hemo dialysis and peritoneal dialysis - a cost-utility analysis
45A037 Seplaki	Christopher	A dynamic analysis of elderly living environment transitions and outcomes
45A038 Sevilla	Christine	DNA testing and gene patents: is efficiency endangered? The case of breast cancer genetic screening
45A039 Seymour	Janelle	What is the best imaging strategy for stroke? An economic evaluation of CT scanning stroke patients
45A040 Shapiro	Judith	Mortality and socio-economic change in post-communist transition: within and beyond health care
45A041 Shehzad	Shafqat	A measurement model for child health: latent variables approach
45A042 Shmueli	Amir	Assessing the in-hospital survival benefits of intensive care
45A043 Siciliani	Luigi	A dynamic model of NHS waiting time and waiting list
45A044 Simoens	Steven	The determinants of horizontal integration between primary care organisations: an empirical analysis
45A045 Simon	Carol	Managed care and physician practice styles
45A046 Smith	David	The practice of discounting: economic evaluation in health care technology
45A047 Smythe	James	Equity in health care finance: preferential tax treatment of employer-provided health insurance in Canada
45A048 Somanathan	Aparnaa	Understanding efficiency in public hospitals in Sri Lanka
45A049 Sosa-Rubi	Sandra	Cost of improving services to deliver a comprehensive package of maternal-child health services
45A050 Stam	Piet	Dividing the financial risk of hospital expenditures between competing health plans and their sponsor: the Dutch experience since 1993
45A051 Stoykova	Boyka	Improving the quality of published economic evaluations of health technologies through better reporting of the effectiveness evidence: the case of single trials
45A052 Stuart	Bruce	New evidence of the impact of insurance on use of prescription drugs by Medicare beneficiaries
45A053 Suraratdecha	Chutima	Policy implications of efficiency of Thailand health care production
45A054 Szende	Agota	Progressivity of informal payments for health care in Hungary
45A055 Tarricone	Rosanna	Direct costs of stroke in Italy
45A056 Terris-Prestholt	Fern	Comparative analysis of the costs of STD interventions in low-resource settings in Sub-Saharan Africa
45A057 Thabrany	Hasbullah	Compliance to pharmaceutical formularies in Cipto Mangunkusumo Hospital
45A058 Tilford	John	Fluoridation and children's demand for dental care: a natural experiment in two rural communities
45A059 Tissaaratchy	Piyanjali	Physician remuneration in Canada: longitudinal trends and patterns
45A060 Torrance	George	Health utilities index scores of single-attribute morbidity
45A061 Toumi	Mondher	Is depression the major cause of impaired quality of life in schizophrenic patients?
45A062 Trujillo	Antonio	Medical care use and selection in a social health insurance with an equalization fund: evidence from Colombia.
45A063 Turenne	Marc	Health, employer-provided health insurance and worker mobility: the role of worker heterogeneity
45A064 van der Pol	Marjon	Are intertemporal preferences for health stationary?
45A065 van Dieten	Hiske	Cost-effectiveness of Acetylcysteine and Dimethylsulphoxide (DMSO) 50% for the treatment of patients with Reflex Sympathic Dystrophy
45A066 van Exel	Job	Cost-effectiveness of stroke-services: evidence from the Netherlands
45A067 van Gameren	Edwin	Determinants of the demand for home care: the effect of supply restrictions
45A068 van Genugten	Marianne	Pandemic influenza in the Netherlands: health care resource use and costs



## Poster Presentations

Tuesday 25 July 2001 – 10.00 to 16.00 continued

45A069 Vera-Hernández	Marcos	Structural estimation of a principal agent model of medical insurance with moral hazard
45A070 Viney	Rosalie	Assessing the value of a PET scan for patients with non-small cell lung cancer (NSCLC)
45A071 Vivas	David	Choosing interventions: the burden of diseases and cost-effectiveness criteria. The Uruguay case study
45A072 Vivet	Hilde	Cost behaviour in the Intensive Care Department
45A073 Vondeling	Hindrik	Priority setting for early assessment of emerging health technologies in the context of a Danish early warning system
45A074 Wailoo	Allan	The nature of procedural preferences for health care rationing decisions
45A075 Walker	Hugh	Allocating regional resources to surgery with linear programming
45A076 Wang	Hong	The application of EQ-5D in measuring Chinese health related Quality of Life
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