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DEAR CONFERENCE PARTICIPANT,

We are pleased to welcome you to Rotterdam for the second iHEA World Conference on Health Economics.

Some of you may remember that this is also the second World Conference in the Netherlands. The first one took place in September 1980 in Leiden well before the start of the international Health Economics Association.

Many colleagues have helped us in preparing the program, which is of interest to health economists and interested others with different backgrounds and from different parts of the world. We especially acknowledge the support of the World Bank in preparing sessions on topics relevant to developing countries and the financial aid of the Dutch government to increase attendance from these countries.

When preparing the program and considering the many interesting sessions we felt that we should provide you with some guidance in the selection of your personal path through the sessions. Therefore, we have identified 6 broad topic areas, some of which may coincide with your own research interests. For each broad topic area the most relevant concurrent sessions are indicated (see page 43). The concurrent sessions are scheduled such that for each broad topic area, there is at least one session in each of the 9 clusters of concurrent sessions. We hope that this may help you in finding your way through the program.

We hope that you join us at the Burgundian Conference Banquet on Monday evening. We decided to include this main social event in the program to facilitate a social gathering of all those attending and we hope it will be a memorable evening with your colleagues and friends. We suggest that you use the opportunity to visit Rotterdam and the lovely old cities nearby like Delft.

Have a productive conference and a pleasant stay.

Your conference organisers,

Frans Rutten, Erik Schut, Jacques van der Gaag,
Eddy van Doorslaer, Wynand van de Ven
ACKNOWLEDGEMENTS

The conference organisers wish to express their gratitude to the following persons / organisations:

MINISTER OF HEALTH, WELFARE AND SPORT (VWS), THE NETHERLANDS
for acting as main sponsor

MINISTER FOR NETHERLANDS DEVELOPMENT ASSISTANCE, THE NETHERLANDS
for providing full fellowships for attendance from developing countries

ELI LILLY, THE NETHERLANDS / USA
for sponsoring the sessions on antidepressant selection, use and clinical outcomes in clinical practice
and antidepressant selection and health care expenditures in clinical practice

JANSSEN RESEARCH FOUNDATION, BELGIUM
for sponsoring the session "From economic data in clinical trials to real life cost – effectiveness: extrapolation issues and their policy implications"

BAYER AG, GERMANY
for co-sponsoring

ELSEVIER SCIENCE / NORTH-HOLLAND, THE NETHERLANDS
for sponsoring the student competition

GLAXO WELLCOME, UK
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AMERSFOORTSE, DSW, OZ, STAD ROTTERDAM, THE NETHERLANDS
for co-sponsoring

Finally, we acknowledge all who contributed to the organisation of this event by organising sessions
and courses, reviewing abstracts, chairing sessions or presenting papers and posters.
GENERAL INFORMATION

CONFERENCE HOURS
Sunday June 6:
From 12.00 hours to 18.30 hours: Registration
From 13.30 hours to 16.30 hours: Pre-conference sessions
From 17.00 hours to 18.30 hours: Welcome reception

Monday June 7:
From 8.30 hours to 17.30 hours: Conference sessions
From 19.00 hours to 22.30 hours: Conference Banquet

Tuesday June 8:
From 8.30 hours to 17.30 hours: Conference sessions
From 17.45 hours to 19.45 hours: Reception in the Municipal Town Hall.

Wednesday June 9:
From 8.30 hours to 17.30 hours: Conference sessions
From 17.30 hours to 18.30 hours: Farewell reception

Participants will be notified of any change in this schedule.

ROOM NUMBERS AND CORRESPONDING NAMES
no. 1 : Rotterdam Hall
no. 2 : Oscar Auditorium
no. 3 : Townhall Room
no. 4 : Van Oldenbarnewelt Room
no. 5 : Van Leeuwen Room
no. 6 : Diamond Room I
no. 7 : Diamond Room II
no. 8 : Goudriaan Room
no. 9 : Blue Room
no. 10 : Van Walsum Room

BADGES
Each registered delegate and accompanying person(s) will receive a name badge. Only individuals wearing official badges will be allowed admittance to any of the iHEA functions and sessions, including the Sunday evening reception in the WTC, luncheons, the Monday evening banquet in the Laurens church and the Tuesday evening reception at the Municipal Town Hall.

All these events are included in the registration fee.

POSTERS
Three different poster sessions are scheduled from 13.15 - 13.55 p.m. on 7, 8 and 9 June 1999. Every day a new set of posters will be presented. The posters will be on display in the Main Lounge from 08.00 - 18.00 hours.

TABLE TOP DISPLAYS
A number of publishers will be exhibiting materials during the conference in the Main Lounge.

SMOKING
Smoking is not permitted at any of the conference venues.

MESSAGES
There will be a message board located in the area of the Conference Registration/Information Desk.

SOCIAL PROGRAM
The Erasmus University will be hosting the Welcome reception on Sunday 6 June 1999 at 17.00 hours.

A Burgundian Conference Banquet will be held on Monday 7 June 1999 at 19.00 hours in the beautiful Laurens Church, one of the city’s oldest churches very near to the WTC. Participants will be able to enjoy the dinner, the entertainment and the medieval scenery.

On Tuesday 8 June 1999 at 17.45 hours a reception will be hosted by the city of Rotterdam in the attendance of the Mayor.

The Organising Committee is happy to invite participants for Farewell drinks on Wednesday 9 June 1999 from 17.30 - 18.30 hours.

OFFICIAL LANGUAGE
The official language of the conference is English.

badge colour
White
Green
Red
Light blue
Yellow
STUDENT PAPER COMPETITION

“YOUNG RESEARCHERS IN HEALTH ECONOMICS”

The intent of this competition was to encourage the development and presentation of outstanding health economics papers by graduate student authors. Papers were submitted to a Student Competition Committee, chaired by Andrew Jones. Among the prizes for the winning papers were fee waivers, some travel and accommodation subsidy. Elsevier/North-Holland provided some free one-year subscriptions to the Journal of Health Economics and a copy of the forthcoming Handbook of Health Economics as prizes. Below is a short-list of the 6 highest-ranked papers.

FIRST PRIZE:
MATTHIAS KIFMANN, UNIVERSITAT KONSTANZ
Community rating in health insurance and different benefit packages.
(Session M6)

SECOND PRIZE:
ANGEL MARCOS VERA HERNANDEZ, UNIVERSITAT AUTONOMA DE BARCELONA
Duplicate coverage and the demand for health care: the case of Catalonia.
(Session R)

JOINT THIRD PRIZES:
JORGE MESTRE FERRANIZ, UNIVERSITAT AUTONOMA DE BARCELONA
The impact of generic goods in the pharmaceutical industry.
(Session P)
and
JAN KLAUS, STAKES, HELSINKI AND FINNISH POSTGRADUATE PROGRAMME IN ECONOMICS
Health care and economic well-being: estimating equivalence scales for public health care utilisation.
(Session B9)

HIGHLY COMMENDED:
CHRISTOPF EISENERTING, UNIVERSITY OF BERN
Optimal health investment strategies in a linear control model.
(Session P)

CHRISTOPHER SEPLAKI AND DAVID VANESS, UNIVERSITY OF WISCONSIN
Patterns of TCA and SSRI prescription across plans, providers, and states: do publicly-insured managed care members receive differential treatment?
(Session E6)
1. Rotterdam Hall
2. Oscar Auditorium
3. Townhall Room
4. Van Oldenbarnevelt Room
5. Van Leeuwen Room
6. Diamond Room I
7. Diamond Room II
8. Goudriaan Room
9. Blue Room
10. Van Walsum Room

Sunday, June 6

12:00 - 18:30
Registration
Main Lounge

13:30 - 16:30
Pre-conference Sessions

S E S S I O N  1
International Comparisons of Health Expenditure: Methods and Results
F A C U L T Y :  Bengt Jönsson, Ulf-G Gerdtham, Jean-Pierre Paulyer
R O O M :  Goudriaan Room (room no. 8)

S E S S I O N  2
Risk-adjustment in competitive health plan markets
F A C U L T Y :  Randall P. Ellis, Wynand P.M.M. van de Ven
R O O M :  Van Oldenbarnevelt (room no. 4)

S E S S I O N  3
Concepts and methods for National Health Accounts studies in low and middle income countries
F A C U L T Y :  Peter Berman, A.K. Nanda Kumar, Ravindra Rainmon-Eliya
R O O M :  Blue Room (room no. 9)

S E S S I O N  4
Methods for measuring equity in the finance and delivery of health care
F A C U L T Y :  Adam Wagstaff, Eddy van Doorslaer
R O O M :  Diamond Room II (room no. 7)

S E S S I O N  5
Econometric issues in log models
F A C U L T Y :  Willard Manning, John Mullany, Edward Norton
R O O M :  Van Leeuwen Room (room no. 5)

S E S S I O N  6
Selected topics in economic evaluation
F A C U L T Y :  Ben van Houw, Marc Koopmanschap, Frans Ratten, Jan van Busschbach
R O O M :  Oscar Auditorium (room no. 2)

17:00 - 18:30
Welcome Reception
Main Lounge
Monday, June 7

8:00 - 17:30
Registration

8:30 - 10:00
Concurrent Sessions A

A1: Exploring heterogeneity in health research

Chair: Stephen Birch
Discussants: Nigel Rice, Bernie O'Brien
Room: Rotterdam Hall
François Beland, Stephen Birch, Greg Stoddard
Community-level influences on the production of health in populations: Development and testing of an empirical model
Rob Manning, Karl Claxton
Identifying treatment effects for randomised and non-randomised evaluations in the presence of unobserved heterogeneity

A2: Risk selection and plan contracting

Chair: Randy Ellis
Discussants: Roger Feldman, William Encinosa, David Burgess
Room: Oscar Auditorium
Richard Frank, Jacob Glazer and Thomas McGuire
Measuring adverse selection in managed health care
Mingshan Lu, Albert C. Ma, and Lasheng Yuan
Risk selection, matching and welfare effects under performance-based contracting
Yaqing Shen and Raudall P. Ellis
Cost minimizing risk adjustment and selection

A3: Conjoint analysis: health applications

Chair: Peter Zweifel
Room: Townhall Room
Mandy Ryan
Measuring benefits in health care: the role of discrete choice conjoint analysis
S. Bryan
Structural reliability of conjoint analysis applied to health care: an empirical investigation
Harry Telser, Peter Zweifel
Conjoint analysis as a method for measuring willingness to pay for risk reductions

Julie Ratcliffe
Patients preferences regarding the process and outcomes of life saving technology: an application of conjoint analysis to liver transplantation

A4: Managed Care: panel discussion

Chair: Jonathan Lewis
Panel: M. Henry, W. Allen Schaffer, Sid Stolz, James Williams
Room: Van Oldenbarnevelt Room

A5: Compensating and motivating community physicians

Chair: Dov Chernichovsky
Discussants: Mark Pauly, Sara Markowitz, Jean Mitchell, Amir Shmueli
Room: Van Leeuwen Room
Luke B. Coochelg and Darrel P. Doesell
Health insurance, health care, and health status in Australia: A conceptual and empirical analysis of markets for general practitioner services
Jack Hadley and Jean Mitchell
Effects of financial incentives and managed care market penetration on physicians' practices
Dov Chernichovsky
Paying and motivating community physicians under the emerging paradigm in health systems
Eduardo González-Pier and Susan W. Parker
Provider financial risk under alternative payment schemes: the case of Mexican social health insurance policy

A6: Medical Technologies

Chair: Frank Sloan
Room: Diamond Room 1
A. Maynard, R. Cookson, D. McDaid
Improving clarity and performance in the supply and demand of health technology assessment
V. Ho, B. Hamilton
Learning by doing in the evolution of medical technologies
C. Fortanier
A research and development case in the biotechnology field: cell therapy
J.L. Pinto-Prades, X. Cuadrás-Morató, J.M. Abellán-Perpiñán
The relevance of claims in the allocation of health care resources
A7: New research methods in modelling health care expenditures

**Chair:** Ernie Berndt
**Room:** Diamond Room II

Scott Stern and Manuel Trajtenberg
Patient welfare and patient compliance: an empirical framework for measuring the benefits from pharmaceutical innovation

Ernst Berndt, Ashoke S. Bhatbachiyaa and David N. Mishol
Modeling the diffusion of new antidepressants: product attributes, order of entry and marketing efforts

Laurence Baker
Managed care and system-wide technology adoption and use: evidence from magnetic resonance imaging

Willard G. Manning and John Mullahy
Econometric issues in log models

A10: Economic aspects of malaria

**Chair:** Corinne Intein Nolethenius
**Room:** Van Walsum Room

John Gallup
The economic burden of malaria

Catherine Goodman
Using cost-effectiveness to inform policy - the case of malaria control in Africa

Maureen Cropper, J. Lampietti, D. Whitington
Household willingness to pay for malaria prevention in Ethiopia

10:00 - 10:30

**Refreshments**
Main Lounge

A8: Antidepressant selection, Use and Clinical outcomes in clinical practice

**Chair:** Donald S. Kenkel
**Room:** Goudriaan Room

Timothy R. Hylan
Antidepressant prescribing patterns: a review

Cheryl Neslusan
A comparison of fluoxetine and sertraline dose and duration in clinical practice

Mirjam Sturkenboom
Duration of antidepressant therapy and risk of depression relapse

A9: Health sector reform, emerging issues on health insurance in developing countries

**Chair:** Joseph K. Wang’ombe
**Room:** Blue Room

Octavian Gakuru, Germano Mwabu, Benjamin Nganda and Joseph Wang’ombe
Financing medical care through insurance: issues from an analysis of a facility and household survey in Kenya

Joses M. Kirigia
Determinants of health insurance status among South African women

Somchai Sukvisrerekul
The expansion of a voluntary health insurance scheme to the poor in Bangkok
10:30 - 12:00

Plenary Session
Rotterdam Hall

Welcome on behalf of the organizers
Frans Rutten

Welcome on behalf of iHEA
Tom Getzen (Director iHEA)
Alan Maynard (President iHEA)

Health, wealth and equity: asking for the moon?
Speaker: Els Borst-Eilers (Minister of Health, Welfare and Sports, the Netherlands)

Public and private financing of health care
Speaker: Joseph E. Stiglitz
(Senior Vice President and Chief Economist, Worldbank, USA)
Chair: Jacques van der Gaag
Room: Rotterdam Hall

12:00 - 13:15

Luncheon
Main Lounge
13:15 - 13:55

Poster Session P
Main Lounge

Author / Title

P1  Acht J., Stooker T., Busschbach J.
The cost of the last year of life

P2  Berafort L., Jacobsson F., Levin L.A.
Allocation of health care resources based on utility maximization: can it be justified

P3  Bunting D.
Distributional basis of health care expenditures

P4  Choedilury T., Chang W., Lyons C.D.
Access to health services across socio-economic groups under a primarily publicly health system

P5  Sculley D., McLaughlin C.
Employee response to health plan performance ratings

P6  Brown H.S.
Public sector, nonprofit, and for-profit competition with heterogeneous consumers in an urban setting

P7  Chi C.
Efficient in what? Reexamining efficiency in health care systems

P8  Telyakov A., Day L.
Design of a need-based formula of health resource allocation to the states of Venezuela

P9  Khan M., Al Mamun A., Hossain M.S
Gender inequality in health status and health resource utilization - A case study of Bangladesh

P10  Bitran R., Pietro L., Ubilla G.
Equity in the provision and financing of health care in Paraguay

P11  Chen Y., Tong Z.
Policy implications of the cost of vaccines in China

P12  Chou Y.J.
Social health insurance and saving in Taiwan

P13  Yip W.
Relationship between economic and health system development: the case of Hong Kong

P14  Dubbelman R.
How important are financial issues in making health projects sustainable?

P15  Almeida J.
Private-public mix using the DOTS strategy against TB

P16  Avis A.
A dog's breakfast: public coverage for prescription drugs varies widely across Canada

P17  Bhatia M., Far-Rushby J.
A comparison of the willingness to pay for treated mosquito nets and house spraying in Surat, India

P18  Costa J., Rovira Forns J.
Eliciting preferences and values for health care systems: The willingness to assign approach

P19  Geoffrey P.Y.
Investing in health or in education

P20  Kindig D., Libby D., Seplaki C.
Geographic variation in age-adjusted mortality: why do U.S. sub-populations experience different rates?

P21  Brinkmann H., Felder S.
Response time in emergency medical services: does living in the country make a difference?

P22  Baron C., Feeny D., Furlong W., Chwalow J., Slama P.G.
Assessment of the multi-attribute preference function for HUI3 in France results of a pilot study
P23 Chiou C.
Developing a pediatric QALYs measure-case study for children with asthma

P24 Fox - Rushby J.
Developing a measure capable of reflecting local populations' preferences for health: a case study from Kenya

P25 McNamee P., Parkin D.
Scenarios or discrete states in the calculation of preference scores and QALYs

P26 Hagen T.P., Iversen T.
How hospital owners use information of comparative costs in fixing hospital budgets

P27 Spetz J.
The effect of changes in hospital ownership on hospital operations

P28 Cremieux P.Y., Ouellette P.
Measuring the performance of hospitals in California

P29 Dismuke C., Sena V., Barros P.
Hospital production in a national health service: the physician's dilemma

P30 Antioch K.
Applying dynamic international approaches to forecasting hospital expenditure in Australia: Lessons from Europe and Canada

P31 Kolmar M.
Optimal medical progress and the organization of health care in the European Union

P32 Arnold J.
The effect of continuity on the demand for medical care

P33 Bishai D., Lin M., Kiyonga C.
The world demand for an aids vaccine

P34 Couttolenc B.
Health care prices and the consumption of health-related goods in Brazil

P35 Echter R.
Incentive-based reimbursement schemes for rural health providers: evidence from Kenya

P36 Donaldson D., Chantharas S., Sriwiruksre S.
Rural-urban practice location choices of physicians on Thailand: alternatives to compulsory service

P37 Ceppew A., Lona M., Dekeyser T.
Evaluation of medical practice during pregnancy

P38 Chen J., Sevick M.A., Rocco M.V.
Medicare costs by beneficiaries with the ESRD in their last year of life

P39 De Pourvoirville G.
Coordination structure for the achievement of safe and effective care

P40 Hanson K., Yip W., Hsiao W.
Quality competition by private providers: empirical evidence from Cyprus

P41 De Jaegher K.
The physician-patient relationship as a game of strategic information transmission

P42 Hänninen U.
Changes in the use of physician services 1987 - 1996 in Finland

P43 Mestre Ferrandiz J.
The impact of generics in the pharmaceutical industry

P44 Bloom G., Standing H.
Meeting health needs in a pluralistic environment; rethinking government's role

P45 Frokwitter I.
German long-term care insurance - does it protect patients from quality?

P46 Gotzen G.
Legal reforms and financial pressure: the changing face of the German medical rehabilitation industry

P47 Eisenging C.
Optimal health investment strategies in a linear control model

P48 Giannoni-Mazzi M.
Determinants of Italy's regional public health care expenditure, 1980 - 1995
Chawla M., Berman P.
A model for analyzing strategic use of government financing to improve health care provision

Hornbrook M., Goodman C, Fisherman M.J.P.A.
Measuring costliness across integrated health care delivery systems

Ettner S., Frank R.
Risk adjustment of medicare capitation payments: how well does it work for mental health and substance abuse?

Fishman P., Shay D.
A global chronic disease score from automated pharmacy data

Malkin J.
The chronic disease score in a VA population

Atim C.
The contribution of mutual health organisations to the financing, delivery and access to health care in Africa

Bautista M.
Public-private cooperation in a provincial health insurance scheme in the Philippines

Butler J., Clarke P.M.
Estimating price elasticity of demand for private health insurance in a national health insurance system: evidence from Australia

Eblems A.
In-kind health insurance

Wang B.
Trends of hospital efficiency among metropolitan markets

Anis A.
Using economic evaluations to make formulary coverage decisions: so much for guidelines

Barlow W.
Medical care costs of cancer patients on protocol

Cangialose C., Herlin J., Bouuzzi S.
The indirect costs of ischemic heart disease

Chiu H.C., Harley R., Mau L.W
The effects of economic factors on hospital vertical integration

Enckevort P.
A comparison of the cost-effectiveness of heart-, liver-, and lung transplantation

Giraldes M.B.
Allocative efficiency in the use of health resources in Portugal

Greiner W., Graf e.d. Schuilenburg J.M.
Quality of life of asthma patients relative to asthma severity

Babo D., Babo M., Osaturnuens C.
Malaria diagnosis: Is QBG worth the cost?

Jacobs P., Edbrooke D., Hibber C.
Determinants of per diem costs in the intensive care unit

Asche C., Coyte P., Croxford R.
The determinants of ear surgery utilization on Ontario children: socio-economic factors VS clinical perceptions

Arredondo A.
Economic indicators for health care decentralization in Latin American countries: information for policy makers

Clarke P.
Is willingness to accept always greater than willingness to pay?: A comparative study of the benefits of improved access to mammographic screening

De Grave B., Rombaert G., Goossens H.
Cost-effectiveness analysis of pneumococcal vaccination of working and elderly persons in Belgium

Gastaldi-Menager C.
Cost-effectiveness analysis of scenarios relative to the French immunization policy against hepatitis B

Girard D.
The cost of the transition between two pertussis vaccination programmes
Monday, June 7

P74  Bridges J.
Discourse on methods: deductive methods in health economics

P75  Haybrechts K.F., Caro J.
Markov models: A redundancy in modern health economics?

P76  Vincy R.
Valuing uncertain outcomes of health care interventions

P77  Daldy B., Mackay S.
Implications of the 1996 maternity funding scheme in New Zealand

P78  Woodward B.
A full-information average cumulative cost curve: the cost of CMV-disease in renal transplantation
14:00 - 15.30
Concurrent Sessions B

B1: Uncertainty analysis in economic evaluation

Chair: Bernie O'Brien
Room: Rotterdam Hall
Maria G. M. Hanink
First-order and second-order uncertainty in decision models used for cost-effectiveness analysis
Aaron A. Stinnett
Probabilistic analysis in economic evaluations with multiple comparators
John Mullahy
What did you expect? Assessing the role of expectations in stochastic cost-effectiveness analysis
Karl Claxton, Milton C. Weinstein
A value-of-information analysis in the economic evaluation of health care technologies: a framework for judging the adequacy of input data for cost-effectiveness analysis

B2: Implementation issues in risk adjustment for people with high cost conditions

Chair: Harold Luft
Discussants: Joseph P. Newhouse
Wynand P.M.M. van de Ven
Room: Oscar Auditorium
Gerben de Jong, R. Halpern, A. Batavia
Implementation issues in health-plan risk adjustment for individuals with disabilities
R. Adams Dudley, Lisa V. Bowers, Harold S. Luft
Implementing risk adjustment (health-based payments) and quality measurement functioning health plans
Bruce J. Rosen
Implementation issues in risk adjustment in Israel

B3: Challenges to health systems from economic transformation in developing countries

Chair: William Hsiao
Room: Townhall Room
Dean Jamison
Income, education, and health system performance: A cross-national comparative study
Julio Frenk
Transforming the role of the state in health systems

B4: Economic Evaluation I

Chair: Jantine Caro
Room: Van Oldenbarneweij Room
G. Hutton, M. Mugford, J. For-Rushby, A.M. Galez, B. Thimkhannop
Economic evaluation alongside the World Health Organisation multinational antenatal care (ANC) trial
W.J. Meerdin, W. Stolk, A. Pluiser
Cost-effectiveness analysis of lymphatic filariasis control in sub-Saharan Africa
L. Gold, C. Alderson
Assessing the cost-utility of sildenafil (Viagra)
K. Fossbender
An economic evaluation of home care as an alternative to institutionalization

B5: Regulation of the health sector in low and middle income countries: how effective is it?

Chair: Anne Mills
Room: Van Leerween Room
Neil Soderland and Birgit Hansl
Health insurance dynamics in South Africa: the impact of deregulation on market structure, risk pooling and health care cost inflation
Lilani Kumararayake and Sara Bennett
A review of regulatory arrangements in developing countries: insights from new institutional economies
Charles Hongo and Lilani Kumararayake
Do they work? Regulations for for-profit providers in Zimbabwe

B6: Incentives, effectiveness and treatment choice

Chair: Richard G. Frank
Discussants: David Curier and Willard Manning
Room: Diamond Room 1
J. Glazer, T.G. McGuire
Some economics of therapeutic choice: theory and observations
H.A. Huskamp, B. Cuffel, S. Greensfield
Finance incentives and treatment choices for depression
D. Salkever
Treatment strategies for Schizophrenia
B7: Conjoint Analysis

Chair: Jeff Richardson
Room: Diamond Room II
F. San Miguel, A. Scott, M. Ryan
Testing the assumptions of completeness and stability of
preferences in health care using discrete choice models
M. Ryan
Sensitivity of willingness to pay estimates to level of
attributes in discrete choice experiments
M. van der Pol, J. Cairns
Using conjoint analysis to estimate time preference for
others' health
F. Reed Johnson, William H. Desvouges, Melissa C. Ruby
Willingness to pay to avoid cardiovascular and respiratory
conditions: Consensus estimates of task-specific stated
preferences

B8: Substance abuse treatment

Chair: Rosalie Liccardo Pacula
Room: Goudriaan Room
Jody Sindelar
Paradoxes across multivariate outcomes in cost-
effectiveness; substance abuse treatment
Roland Stiwan
Managed care risk contracts and substance abuse treatment
Donald Kenkel, Joe V. Terza
Estimating the effect of physician advice on alcohol
cconsumption: count data regression with an endogenous
treatment effect
Michael French
Benefit-cost analysis of brief physician advice with problem
drinkers in primary care settings

B9: Equity and inequity in health and
health care I

Chair: Owen O'Donnell
Room: Blue room
C. Leighton, F. Diop
Protection of the poor under cost recovery initiatives: the
equity impact of cost recovery and men's testing in Burkina
Faso, Uniger, and Senegal
N. Breen, J. J. Barry Figueiroa
Inner-city residence and stage of diagnosis among women
with breast or cervical cancer: a test of the urban underclass
hypothesis in three U.S. cities
J. Klarus
Health care and economic well-being: estimating
equivalence scales for public health care utilisation

J. Ractliffe
Distribution principles for the allocation of donor liver
grafts: A pilot study of a social conjoint analysis

B10: Payment systems for providers I

Chair: Alan Maynard
Room: Van Walsum Room
T. Iversen
The interaction between patient shortage and patients'
waiting time in general practice
J. Forder
Contingent contracts: the effects on care providers
L. Franzini
Estimating the cost of primary care training in ambulatory
settings
A. Scott
Eliciting GPs' preferences for pecuniary and non-pecuniary
job characteristics. How important is income in the utility
function?

15:30 - 16:00
Refreshments
Main Lounge
16:00 - 17:30
Concurrent Sessions C

**C1:** Resolved: The demand curve (for medical care) should be abolished

**Moderator:** Alan Maynard
**Room:** Rotterdam Hall
**Panel:** Pro side - Uwe Reinhardt, Bob Evans, Thomas Rice
Con side - Mark Pauly, Frank Sloan, Peter Zweifel

**C2:** Incorporating social values in cost utility analysis

**Chair:** Alan Williams
**Room:** Oscar Auditorium
Jan Abel Olsen and Jeff Richardson
Health maximization versus equity: paternalism versus preferences results of an Australian survey
Paul Dolan, Jan Abel Olsen
The equity-efficiency trade-off across different streams of health
Erik Nord
Two ways of incorporating concerns for fairness in numerical valuations of health outcomes

**C3:** Employment based health insurance: coverage and design

**Chair:** Barbara Wolfe
**Discussants:** Philip de Jong and Robert Haveman
**Room:** Townhall Room
Thomas Buchmueller, J. DiNardo
Did community rating induce an adverse selection death spiral? Evidence from New York, Pennsylvania and Connecticut
Alan C. Monheit and Barbara Steinberg Schone
Assessing the decline in employment-based health insurance: demographic change and distributional consequences
David Vanness and Barbara Wolfe
The nondiscrimination law and health insurance: For whom did it increase coverage?

**C4:** The development of health care markets in lower and middle income countries

**Chair:** Peter Berman
**Room:** Van Oldenbarnewelt Room
Makesh Chaula and Adam Windak
The development of new private markets for ambulatory health services in Krakow, Poland
Alexander S. Preker and April Harding
Private sector partnerships in health: a case study of the West Bank and Gaza
Peter Berman
Understanding the supply side: a methodology for analyzing health care provision in lower income countries with an application to the Arab Republic of Egypt
Qingyu Meng and Xinzhu Liu
What health services have the private clinics provided: a case study in Shandong Province, China
Kara Hanson
The development of health care markets in Cyprus and Sri Lanka: quality competition and the public-private mix

**C5:** A global analysis of technological change in health care: heart attacks

**Chair:** Daniel Kessler
**Room:** Van Leeuwen Room
Mark McClellan, Daniel Kessler, Kathryn MacDonald, Joseph Newhouse and Tech Investigators
A global analysis of technological change in health care: heart attacks

**C6:** Panel session organized by the European Association on the Development of Health Economics (EADHE): Health policy problems in the European Union; an agenda for future research in Health Economics

**Chair:** Joan Ravira
**Panel:** Emile Levy, Joan Ravira, Markus Schneider
**Room:** Diamond Room 1
17:30 - 18:30
Business meeting of the European Association on the Development of Health Economics (EADHE)
Diamond Room 1

17:45 - 18:50
Workshop on Vaccine Economics

Chair: Robert Deuson
Van Oldenbarnevelt Room
Roger Bernier, Robert Deuson, Melinda Wharton, Fangjun Zhou, Mary McCauley and Walter Orenstein
Epidemiologic and economic impact of vaccines recommended for children in the United States in the 20th century
Robert Deuson, Christos Alexopoulos, Fangjun Zhou, Patrick Coleman and Bridget Lyons
A benefit-cost model of hepatitis B Vaccination in the United States
John Fontanelli and Robert Deuson
A cost-benefit analysis of electronic immunization registries

19:00 - 22:30
Conference Banquet
Student Competition Award
Presentation of the Award:
Bernard van Praag
A. Norinder, K. Hjolte, U. Persson
Embedding effects in a contingent valuation study of risk reductions for death in road traffic accidents versus death of any cause
W. Cowell, S. Bryan
Utility measurement in patients with cognitive impairment: an investigation of criterion validity

D7: Payment systems for providers II

Chair: Kathryn Antioch
Room: Diamond Room II
B. Cranson
Do financial incentives affect doctors' behaviour? The impact of the NHS GP fundholder scheme on hospital admissions in the UK
E. Mat, B.M.S. van Praag
Dutch experiments with payment systems for specialists
J. Harley, T. Crossley, P. Grooteveld
Global physician expenditure caps and individual-collective incentive conflict: physician responses in Canada
A. Paraponaris, J.P. Mouti, G. Tonnaire, C. Chanut, R. Sambue
Payment systems, financial incentives and heterogeneity in health care supply: evidence from 1078 breast cancer patients in a French region

D8: Supply and Behavior of physicians

Chair: Andrew Jones
Room: Goudriaan Room
D. Lundin
Moral hazard in physician prescription behavior
S. Högård
Clinical decision making and risk attitude
L. Roche-Ranson, A. Nassiri, M. Le Goff
Physicians’ services supply: Panel data analysis of a quasi-experiment in Quebec

D9: The economics of AIDS

Chair: M. Over
Discussants: Orville Solon, Stephano Bertozzi, Thomas Philopson
Room: Blue Room
Stephane Mechoulan
HIV testing: a Trojan Horse?
Julia Dayton
Does parental morbidity affect child health? Evidence from rural Tanzania

Neil Soderlund, Karen Zue and Glenda Gray
Preventing vertical transmission of HIV: a cost effectiveness analysis of individual and combined options
David Bishai, M. Lin, C.W.B. Kiyonga
The world demands for an AIDS Vaccine

D10: Production of health and health care

Chair: Alistair McGuire
Room: Van Walsum Room
J. Burgess, P.W. Wilson
Testing the effect of incorporating quality of care into measuring inefficiency in long term care
B. Hollingsworth, D. Parkin
An international comparison of the efficient delivery of oral health and health care
G. Pignataro, A. Giuffrida, F. Lapecorella
Efficiency of health care production in different hierarchically structured hospitals
P. Feun
Delay & settlement in medical negligence litigation

12:00 - 13:15
Luncheon
Main Lounge

12:30 - 13:55
Cochrane meeting:
From effectiveness to efficiency: health economics in the Cochrane collaboration
Van Oldenbarnevelt room
13:15 - 13:55
Poster Session Q
Main Lounge

Author / Title

Q1 Evans R., Barer M.L.
What goes around, comes around: facing the accounting realities in health care funding

Q2 Okamoto A.
What brought Japan's health care cost down? Economic impact of cost control measures

Q3 Morga A.
Fiscal federalism, partisan politics and health care rationing policies

Q4 Jensen K.
Long term financing options for the New Zealand health sector

Q5 Salkeld G., Short L.
Measuring consumer preferences for faecal occult bleeding testing for colorectal cancer; better the service that you know

Q6 Hsieh C., Pan W.H.
Lifestyles, medical resources, and the distribution of health in Taiwan

Q7 Hall J., Viney R.
Social welfare and genetic testing

Q8 Jacobs P., Blanchard J., James R.
Cost of diabetes in Manitoba Aboriginal and General Populations

Q9 Johansson M., Oalme M.
On the relationship between income and the probability of death - a structural approach

Q10 Govender V., McIntyre D., Makan B.
The financing of health care and health sciences education and training in South Africa

Q11 Lee K.W.
Health system reform: a tale of two countries in Latin America

Q12 Farrar S.
Eliciting the objectives of hospital decision makers

Q13 Liernard D., Closon M.C.
Nursing care: the general needs' index financing, analysis and management tool an approach in terms of patient' and hospitals' needs

Q14 Maes N.
Impact of the socioeconomic status of the patients on the hospital costs: Introduction of social corrections factors in the financing system in Belgium

Q15 Haas M.
Non-health outcomes of health care: what do patients count?

Q16 McKenzie L., Cairns J.
Exploring the existence of differential weights for asthma symptoms: an investigation of patient preferences using conjoint analysis

Q17 Mukherjee J., Vaughan D., Torrance G.
Health-related quality of life over one year in patients presenting with acute exacerbations of chronic bronchitis and randomized to ciprofloxacin or usual antibiotic care

Q18 Kidholm K.
Comparing patients' and the general population's willingness to pay for waiting time reduction

Q19 Kristiansen I.S.
Communicating risk reductions from preventive health programmes: is information on absolute risk reductions enough?

Q20 Odegaard K.
Sources of inefficiency for primary health care services in Zambia
Matsaganis M., Tsaklogou P., Mitrakos T.
Determinants of household expenditures on health in Greece

Lin S.J., Lee M.L.
Estimating the determinants of contraceptive use among married women in Taiwan

Kennedy C.
Demand for antenatal care in rural Tanzania

Hongoro C.
Do they work? Regulations for for-profit providers in Zimbabwe

Ensor T., Thompson R.
Informal payments for health care, transition economics

Ma J., Yiu Y.
The health care demand of poor rural population in China and governmental intervention

Mao Z.
Changing of demand for medical care and its determinants in China's urban areas

Liu X., Mills A.
Impact of payment reforms to hospital-based doctors on the efficiency of hospital services: a case study in China

Lundbäck M.
DRGs as a response to asymmetric information - outlier rules explained

Lona M., Guillaume J., Dekeyser T.
Comparative analysis of the Belgian hospitals on basis of their activities

Wang B.
Hospital financial analysis between rural and urban market

Hoch J.S.
Measuring unobserved quality in health care: the minimum distance estimator and its application to hospitals, nursing homes and kidney dialysis facilities

Kobayashi Y., Hayashi K.
Trend of high and low-charge surgery by hospitals in Japan

Johnston K.
Learning processes in the production of health care: implications for diffusion

Lan B., Chen G.J.
Racial difference in Medicare expenses of patients with end stage renal disease (ESRD) in their last year of life

Häkkinen U., Keskimäki I.
Technology utilization and outcomes associated with acute myocardial infarction in Finland and Alberta

Anttioch K.
Lessons in evidence based medicine: Using quality assurance and utilization management in Canadian hospitals to improve health outcomes and utilization

Masiero G., Gravelle H.
Optimal regulation in the market for primary care

Mikkola H., Häkkinen U.
The effects of prices of discetomy for Finnish municipalities

Lee K.M., Coyle D.
The impact of new forms of patient information on the efficiency of health care delivery

Anis A., Cockburn I.
Hedonic analysis of arthritis drugs

House R.K., Johnston J.
State dependent demand for health care: The case of preventive dental care

Hu Y., Cha C.L.
Smoking behavior and the medical care utilization

Jacobson L., Bolin K., Lindgren B.
The demand for health and medical care in Sweden

Litjas B.
The demand for health, life-time income, and imperfect financial markets
Q46 Lin C., Chang C.C., Love J.R.
Further considerations of two-part model for estimating utilization under children's health insurance programs

Q47 Polder J.J., Meerdink W.J., Boumaas J.
Age-specific - increase in - healthcare costs

Q48 Filipini M.
Institutional organization and cost performance: Evidence from the nursing home industry

Q49 Holubshke C.
The effect of generic competition on Rx-to-OTC switching

Q50 Nordbye R.
Performance of private provision and lessons for reforms

Q51 Meltzer M.M.
Would patients be willing to pay for optional no-fault insurance against adverse events in health care?

Q52 Holly A., Lucien G.
Health insurance and health care utilization in Switzerland

Q53 Sridharan K., Rosenman R., Ahern M.
Output efficiencies of health maintenance programs

Q54 Khan M.M., Tsai W.C.
Biased selection by Medicare HMO plans - Implications for access to care and medicare expenditures

Q55 Hornbrook M.C., Bachman D.J., Meeven R.T.
OLS segmented versus spline regression in risk-adjustment models

Q56 Meevan R.T., Goodman M.J., Hornbrook M.C.
The effects of payment policy constraints on forecasting performance in risk-adjustment models

Q57 Spetz J.
Physician incentives and the timing of cesarean sections

Q58 Felder S.
Risk equalization schemes, competition, and welfare

Q59 Keller B.
Do HMOs really reduce costs or does there only a favourable risk selection take place

Q60 Hirth R., Chernew M., Ucicnosa W.
Optimal health insurance: the case of multiple treatment options and severe disease

Q61 Kifman M.
Premium risk and freedom of choice

Q62 Liu G.G., Cai R., Chao S.
China's urban health insurance reform update: economic evaluation of the pilot experiment in 1993-1996

Q63 Orsi F., Moatti J.P., Hoy M.
Health insurance implications of genetic information

Q64 Costa J., Antonanzas F.
The role of economic evaluation in health care decision allocation: A focus group approach

Q65 Koopmanschap M.A., Touw C.R., Rutten F.
Cost-effectiveness in a multinational trial: the case of growth factors in breast cancer therapy

Q66 Kronborg Andersen C.
Estimating the cost of dementia using a linear regression model with a logged transformed dependent variable

Q67 La Chance P.A., Hornbrook M.C., Meevan R.
Applying a priori intervention budget constraints when designing clinical trials interventions with cost effectiveness

Q68 McDiilder D., Sassi F.
Valuing the burden of informal care: empirical application of a new approach

Q69 Migliacce-Walle K., Huybrechts K., Caro J.
Estimating clinical effectiveness in economic analysis: why clinical trials don't tell the full story

Q70 Severens J., Mudder J., Labeij R.
Reported compensating mechanisms for lost productivity related to duration of absence

Q71 Khan S.H., Mahbub S.N., Chowdhury M.
The trade-off between sustainability and equity: The case of the brac health centres in Bangladesh
Q72 Liu G.G., Wang B., Her M.
Economic assessment of substance abuse treatment programs: Labor market outcomes

Q73 Lo J.
The impact of hospices on the health care expenditures - The case of Taiwan

Q74 Oever M., Watanabe N.
Evaluating the impact of management reforms in hospitals: a conceptual framework applied to several case studies

Q75 Moeremans K., Anemans L., van Gool R.
Economic evaluation of itraconazole in presumed systemic fungal infections

Q76 Nicklasson L., Lindgren B.
Economic evaluations of alcohol and drug abuse treatment - a critical overview

Q77 Pfeil T., Daniel D., Rychlik R.
Socioeconomic relevance of acute exacerbations of chronic bronchitis in Germany - A prospective representative burden of illness study

Q78 Levin A., Dmytraczuk T., McEuen M.
The costs of maternal health care services in public and private sectors in three African countries

Q79 Lin Z.F., Liu S.F., Lo J.
Public health and economic growth

Q80 Loabiere S.
Economic evaluation of screening strategies for chronic hepatitis C in IVDU population

Q81 Makinen M., Vera J.
Private delivery and the targeting of subsidies for safe motherhood services in Indonesia

Q82 Meerdink W.J., Meezer L., Habbema D.
Cost-effectiveness of HIV interventions in developing countries

Q83 Gemmel P., Joubbeere J.
The role of independent clinical laboratories on a public health care system: the case of Belgium

Q84 Jan S.
The nature and sources of instrumental value in health care

Q85 Lombaert G., De Graeve D., Gosens H.
Expenditures on antibiotics: An analysis of consumption and prices. A case study in the light of changing hospital financing

Q86 Malkin J.
The relationship between postpartum length of stay and newborn readmission: analysis using instrumental variables

Q87 McNamee P.
Endogenous growth theory, potential applications in health economics
14:00 - 15:30
Concurrent Sessions E

**E1:** Methods in economic evaluation I

**Chair:** Ben van Houw
**Room:** Rotterdam Hall

J. Lipscomb, M.C. Weinstein, G.W. Torrance
Discounting in cost-effectiveness analysis: search for consensus
C. Donaldson, S. Birch, A. Gafni
The pervasiveness of the distributional problem in economic evaluation: income considerations in the conduct of cost effectiveness and cost-benefit analysis
W. Brouwer, M.A. Koopmanschap
The economic foundations of cost-effectiveness analysis
A. Dinier, C. Donaldson, B. O'Brien, A. Gafni
CBA in health care analysis: A caution against the uncritical adoption of the NOAA guidelines

**E2:** Public/private mix in health care

**Chair:** Alistair McGuire
**Room:** Oscar Auditorium
Morris Barer, Karen Gardiff, Robert Evans, Steven Katz and Marina Pascali
Public snowbirds or impatient (private) health patients?: Canadian use of U.S. health care
Carol Propper
The demand for private health care in the UK
Ali McGuire, Neil Rickman and Fiona Lake
Private health care, waiting lists and NHS Trust prices
Tar Ivenson
Impact of diagnostic technology on the interaction between private and public insurance

**E3:** Demand for health and health care

**Chair:** Thomas Rice
**Room:** Townhall Room
F. Windmeijer, C. Dustmann
Modeling the demand for health and health care - The Grossman model revisited
P.Y. Geoffard, P.A. Chiappori, E. Kyriazidou
Time is money: An empirical estimation of monetary and non-monetary incentives in the demand for physician services
J. Richardson
Supplier Induced Demand Reconsidered

G. Currie, S. Park
Estimating the effects of marketing and consumption experience on the demand for antidepressant drugs

**E4:** Health plan choice, adverse selection and moral hazard

**Chair:** René van Vliet
**Room:** Van Oldenbarneweelt Room
O. O'Donnell, S. Delipalla
The political economy of parallel public/private health insurance in the presence of adverse selection
B. Tosi-Seale
Does report card information influence consumer choice of health plan?
J. Nyman
The economics of moral hazard revisited
F. Bertraan
Selectivity, moral hazard and prices in Argentina's health markets

**E5:** Social Health Insurance Development in Latin America Countries

**Chair:** Joerg Freiberg Strauss
**Room:** Van Leeuwen Room
Jürgen Hohmann, Bart Criel and Christian Herzog
Evaluating health insurance schemes in developing countries
Daniel Titelman and Andreas Utzoff
Financial Reforms of health markets in Latin America: how to cope with efficiency and equity issues
Luis Gonzalo Morales
Colombian health care system reform impact on equity

**E6:** Managed Care and managed competition I

**Chair:** Albert Okunade
**Room:** Diamond Room 1
R. Hirth, M. Chernew, J. Moran
Employee diversity and the breadth of health insurance options
M. Morrissey, S.H. Brown
Managed Care and Children's Hospitals
C. Sepkai, D.J. Vanness
Patterns of TCA and SSRI prescription across plans, providers, and states: do publicly-insured managed care members receive differential treatment?
M. McInnes, G. Fougier
Medical referrals, quality of physicians, and the effects of managed care

E7: The private sector delivery and finance in developing countries: theory and practice

Chair: M. Lewis
Room: Diamond Room II
Maureen Lewis and Gunnar Eskeland
Health seeking behavior in Rural El Salvador
Gerard LaForgia
Systemic failure in the Dominican health market and prospects for change
Alec Preker, April Harding
A framework for private sector role in health care delivery:
Often ignored lessons from new institutional economics
Jeffrey Hammer and Varun Gauri
Supply side analysis in health economics
Philip Musgrove
Public spending on health care: How are different criteria related?

E10: Labor market and health

Chair: Maarten Litdeboom
Room: Van Walsum Room
S. Etner
The relationship between labor market outcomes and physical and mental health: exogenous human capital or endogenous health production?
J. Barry Figueroa
Labor supply, health and elder care: an investigation of opportunity costs
H. Tharbrany
The impact of economic depression on health status in Indonesia

15:30 - 16:00 Refreshments
Main Lounge

E8: The economics of HIV

Chair: John Rizzo
Room: Goudriaan Room
Dana Goldman
The impact of HIV-specific protease inhibitors on the direct costs of health care.
John Rizzo
The indirect costs of HIV: what role for HAARTs?
Nancy Roth
Cost effectiveness evaluation of HAARTs in the treatment of HIV

E9: Consumer behavior

Chair: Garin Mooney
Room: Blue Room
P. Contayannis and Andrew Jones
A model of health and lifestyle
K. Gerard
The economics of screening compliance: Why do some people attend for screening and others don't?
D. Smith, A. Stergachis, D. Christensen, S. Sullivan
Medication compliance and cost and use of health care services associated with cognitive service intervention by pharmacists
16:00 - 17:30
Concurrent Sessions F

F1: The value base of health economics
Chair: Alan Maynard
Room: Rotterdam Hall
Tom Rice
The utility of consumer choice in health care
Gavin Mooney
The value base of health economics and the project of health economics
Bob G. Evans and Greg L. Stoddart
Whose interests does the representative agent represent?

F2: Economic Evaluation II
Chair: Mike Drummond
Room: Oscar Auditorium
M. McKenna, J. Huton
Modeling the cost-effectiveness of DTP/HBV Vaccine: The results of a field study
J. Hall, R. Viney
Identifying and valuing the benefits of varicella vaccination
D. Grima, G. Torrance, G. Francis
Computer model of relapsing multiple sclerosis: use in economic evaluations of new therapies
J. Guo, W. Barlow
Medical care costs for woman with breast cancer in the last year of life

F3: Pharmaceutical economics
Chair: Bill Comanor
Discussant: Dean Jamison
Room: Townhall Room
William S. Comanor, Stuart O. Schweitzer and Tanja Carter
A hedonic model of drug pricing
Alison Keith
The economics of Viagra

F4: Rank dependent utility theory
Chair: Hans Bleichrodt
Room: Van Oldenbarnewelt Room
Peter Wakker
The trade-off method: a new tool to measure utilities for health

John Miyamoto
The quality-adjusted life years (QALY) utility model from a non-expected utility perspective
Han Bleichrodt and Jose Luis Pinto Prades
A parameter-free elicitation of the probability weighting function in medical decision analysis

F5: Equity and inequity in health and health care II
Chair: Adam Wagstaff
Room: Van Leeuwen Room
A. Shmueli
Inequity and inequalities in care and in health in capitated systems
M. Giannoni-Muzzi
Non clinical determinants of health and health inequalities in Italy: an exploratory study
Makinen, Margie Rauch
Analysis of equity of health sector resource allocations in selected developing and transition countries
Colm Harmon, Brian Nolan
Equity and the public/private mix in Ireland

F6: Smoking and lung cancer
Chair: Will Manning
Room: Diamond Room I
F. Sloan, V. Kerry Smith, D. H. Taylor
Do subjective risk perceptions influence addiction induced demand complementarities?: The case of cigarette demand
F. Priez and Claude Jeanrenaud
Valuing intangible cost of lung cancer

F7: Measurement and valuation of health II
Chair: David Feeny
Room: Diamond Room II
J. van Busschbach, J. McDonnell
Testing the criterion validity of different parametric relations between the EuroQol health descriptions and health valuations
D. Gyrd-Hansen, Jes Søegaard
Measuring the utility of cancer screening programmes
E. Stolk
A comparison between the euroqol and the health utility index in patients treated for imperforate anus
F8: Payment systems for providers II

**Chair:** William Hsiao

**Room:** Goudriaan Room

*D. Fabbri, Orazio Attanasio, Costas Meghir*

The returns to hospital treatments across a financing reform

*M. Sommersguter-Reichmann, Adolf Stepan*

Evaluating the new activity-based hospital-financing-system in Austria. First experience about the effects on shifts in performance and costs

*K. Eggleston, Winnie Yip*

Provider payment reform in China: The case of hospital reimbursement in Hainan province

*M. Wilson, Gabriel Picone*

Substitution among hospital and post-hospital care alternatives by Medicare beneficiaries

F9: Health care market analysis I

**Chair:** Tom Gotzen

**Room:** Blue Room

*S. Jacobzone, J.P. Moatti*

French hospital drug prices: a hedonic analysis of the impact of strategic market negotiations in the case of chemotherapy

*S. Hong, W. Scoones*

Product-line extension for the price increase of prescription drug brands following the entry of generic versions

*D. Maceira*

Entry and price response in markets without patient protection: the case of pharmaceuticals in Argentina

*G. Bazzoli, Min Guo, Tianxiang Ye*

A closer look at hospital economics of scope and scale: Application of quintile regression

F10: Health insurance in developing countries

**Chair:** Daniel Titelman

**Room:** Van Walsum Room

*Y. Yi*

Medical savings accounts: Evidence from China

*T. Dmytraczenko, Katrina Cepra Seone, Scarlet Escalante Carrasco*

Evaluation of the national mother child health insurance program in Bolivia

*B. Hansl, Neil Soderlund*

Determinants of private health insurance coverage in a middle-income country

*M. Pradhan, Nicholas Prescott*

Risk management options for medical care in Indonesia
Wednesday, June 9

8:00 - 17:30
Registration

8:30 - 10:00
Concurrent Sessions K

K1: Willingness-to-pay (WTP) for health care

Chair: Jan Abel Olsen
Room: Rotterdam Hall
Richard D Smith and Jan Abel Olsen
From theory to practice: A review of two theoretical arguments for WTP and their application in empirical studies
Cam Donaldson
EUROWILL: an empirical application of willingness to pay in seven European countries: background and main results
Kirsten Kidholm
EUROWILL: comparison of insurance-based and community-based willingness to pay

K2: Managed care and Provider Behavior

Chair: Michael Morrissey
Room: Oscar Auditorium
Jack Zwanziger, Phil Shackley
The rate of increase in negotiated physician fees
Roger Feldman, Jennifer Schults, Jon Christianson
Health plan choice in an informed and price-conscious population: the experience of the buyers health care action group
Gerard Wedig, Lawrence van Horn
Competition and strategy among health plans

K3: Assuring access to health care coverage: Private choices and public mandates

Chair: Alan C. Monheit
Discussants: Thomas Buchmueller, William Encinosa, Alan Monheit, René van Vliet
Room: Townhall Room
Leu M. Nichols
Health insurance market reform in the United States: testing the limits of voluntarism

K4: Methods in economic evaluation II

Chair: Bernie O'Brien
Room: Van Oldenbarnevelt Room
S. Ranney, Martin McIntosh, Kristen Berry, Nicole Urban
Still searching for power: a method for determining sample sizes for stochastic cost-effectiveness
P.Y. Geoffard, Tomas Phillipson
Data markets and optimal sample size determination
P.C. Smith, Stephon Palmer
Option pricing theory and economic evaluation in health care
P. Fishman, Paula Lozaro, Michel Murphy
Alternative methods of estimating marginal cost of chronic illness

K5: Cost utility analysis and age weighting

Chair: Jeff Richardson
Room: Van Leeuwen Room
Aki Tschiya
Equity based age weighting: Philosophical theories and the fair innings weight
Alan Williams
Equity weights, QALYs and the fair innings principle
Jose Plinto
An empirical investigation of the fair innings argument and the social welfare function

K6: Managed Care and managed competition II

Chair: Mark Pauly
Room: Diamond Room 1
J. Hadley, Darell Gaskin, Jose Escare, Kevin Schulman
An Econometric Model of HMO's Contracting with Hospitals for Bypass Surgery
B. Friedman
The remarkable increase of neonatal intensive care in the era of managed care
K7: Health care market analysis II

**Chair:** Peter Zweifel  
**Room:** Diamond Room II  
E. Westerhout, Rudy Douven, Kees Folmer Reforming the Dutch health care sector  
P. Rijmen-Hommel  
The changing nature of contracts in German health care  
A. Xavier, Hugh Gravelle, Peter Smith  
An economic model of the wait for elective surgery  
Daimau-Metarroadana  
The economic impact of day case surgery on an urban population: validity of the willingness to pay approach

K8: Production of health

**Chair:** Ulf Persson  
**Room:** Goudriaan Room  
N. Ponce  
Does market openness improve child growth?  
M. Sutton, Peter Martinsson  
Does education influence the efficiency of short-term health production?  
C. Huttin, John Moeller, Randall Stafford  
Pharmaceutical treatment cost for hypertension in the United States: clinical, lifestyle and socioeconomic predictors

K9: Psychiatric care, mental health and substance abuse

**Chair:** Massimo Moscarelli  
**Room:** Blue Room  
S. Ettner, Richard Hermann  
The role of profit status under asymmetric information: Evidence from the treatment patterns of elderly Medicare beneficiaries admitted to private psychiatric hospitals  
M. Domino  
Within network provider selection in a behavioral health carve-out  
M. Johri, Edward Kaplan  
Treatment on demand: A model-based analysis

K10: Economic analysis of health care expenditures

**Chair:** Peter Berman  
**Room:** Van Walsum Room  
A. Preker, Logan Brenzel, Annu Ratta  
A framework for project and economic analysis in the health sector
10:30 - 12:00

Concurrent Sessions I.

L1: Measurement and valuation of health III

Chair: Erik Nord
Room: Rotterdam Hall
J. Richardson, Graeme Hawthorne
Difficulty with Life and Death: Methodological Issues and Results from Utility Scaling of the Assessment of Quality of Life (AQoL) Instruments
D. Feeny, George Torrance, Charles Goldsmith, William Farlong, Zenglong Zhu, Sonja DePauw
Health utilities index mark 3: Multi-linear multi-attribute utility functions
J. Cairns, Marjon van der Pol
Do people value their own future health differently from others’ future health?

Adam Wagsstaff
Inequalities in child mortality in the developing world: How large are they? How can they be reduced?

L4: Risk adjustment in health insurance market II

Chair: Randy Ellis
Room: Van Oldenbarnewelt Room
L.M. Lamers
The simultaneous predictive accuracy for future health care expenditures of DCGs, PCGs and prior costs
M. Hornbrook, Michael Goodman, Paul Fishman
The global risk-adjustment model: expansion and update
R. Chang, Tang Liang Chiang, Wende Lin
Development of risk assessment model in Taiwan

L5: Contract theory applied to provider’s compensation

Chair: Lise Rochais
Room: Van Leeuwen Room
Marie Allard, Maurice Marchand, Helmut Cremer
Incentive contracts and the compensation of health care providers
Carol Propper and Maija Halonen
Competition and the allocation of effort in government bureacracies
Rosella Levaggi and Lise Rochais
Contract theory applied to health care: a model of physician remuneration systems
Louis-André Gerard-Varet
Regional decentralisation and collective efficiency in the supply of health care: the moral hazard problem

L6: Antidepressant selection and health care expenditures in clinical practice

Chair: Donald S. Kenkel
Room: Diamond Room 1
William H. Crown
Antidepressant selection, drug use patterns, and 2-year health care expenditures
Donald S. Kenkel
Sad workers, bad jobs
Mike Treglia
Antidepressant selection and absenteeism
L7: Public-private sector interfaces in developing country health systems

Chair: Neil Soderlund
Room: Diamond Room II

Edina Sinanovic
Leasing Out Public Facilities Services to the Private Sector in South Africa
Edina Sinanovic
Economic evaluation of community-based TB care in Guguletu, Cape-Town, South Africa
Dellas Asiimwe
Private health sector regulation in the developing countries: An uphill task
M. Valdivia
Household behavior and the provision of public health services in Peru: searching for policy lessons to enhance impact on equity

L8: How health insurance affects the labour market

Chair: Jeannette Rogowski
Room: Goudriaan Room

Thomas C. Buchmueller
Changing hours worked and health insurance coverage in the United States, 1979 to 1996
Jeannette Rogowski, L. Karoly
Health insurance and retirement from the labor force
Anne Beeson Royally
A discrete choice approach to estimating workers’ marginal valuation of fringe benefits

L9: Applications of simulation estimators in health economics

Chair: Andrew Jones
Room: Blue Room

Barton Hamilton
The impact of HMOs on Medicare costs: Bayesian MCMC estimation of a robust panel tobit model with survival
Stephen Pudney and Michael Shields
Gender, race, pay and promotion in the British nursing profession
Partha Deb and Pravin K. Trivedi
Latent class analysis of the demand for health care services

L10: Variation in health care expenditures

Chair: Alexander Preker
Room: Van Walsum Room

N. Valentine
Evaluating household survey-based national health expenditure estimates: a South African case-study
F. Breyer
Life expectancy, costs of dying and health care expenditures
U. Enemark
What determines expenditure variations in care for the elderly within Denmark?
M. Barer, K. McGroil, R.G. Evans
Analysis of changes in physician expenditures using individual level linked data in BC, Canada

12:00 - 13:15 Luncheon
Main Lounge
13:15 - 13:55

Poster Session R
Main Lounge

Author / Title

R1  Gautier L., Seror V., Rosman S., Fardeau M.
The impact of probabilities on individual medical decision making

R2  Normand C., McGrail K., Barer M.
Is dying of old age becoming more expensive? Age, costs of acute and long term care and proximity to death: evidence for 1988 and 1993 in British Columbia

R3  Sassi F., LeGrand J., Archard L.
Distributional implications of economic evaluation: time to be explicit

R4  Shiok Y., Kauf T.L.
The Medicare secondary payer provision and access to kidney transplantation

R5  Stroem Carlsson K., Lyttkens C.H., Weibull H.
Socio-economic variations in inpatient health care in Sweden. Empirical results on myocardial infarctions

R6  Brown S.
Income, location, and the demand for health care from public, nonprofit, and for-profit hospitals

R7  McIntyre D., Gibson L.
Equity of health sector resource allocation in South Africa

R8  Punnarunothai S.
Equity in the delivery of health care in Thailand

R9  Pereira J.
How robust are estimates of health care finance progressivity? Analysis of Portuguese budget surveys, 1980-95

R10 Soyibo A., Mbamefoh G., Anyanwu J.
Estimating the national health accounts of Nigeria

R11 Vargas V., Yondo D.
Health expenditures in public facilities in a district in Burkina Faso

R12 Ruiz F., Eslava J.
Insurance, subsidies and health reform access models among insured and non insured population of Bogota, Columbia

R13 Telyukov A.
Recommending solutions for health financing reforms in the nis

R14 Wilson M.
Political instability, health expenditures and economic growth: an international comparison

R15 Valtosen H.
The incentive structure of public budgets for public institutions

R16 Waarby I.
Financing of the Belgian geriatric health care

R17 Persson U., Norinder A.
The value of traffic safety in Sweden: a new contingent valuation study

R18 Protiere C.
Contingent valuation in health care: example in a French area

R19 Stirr K.
Bias in hypothetical valuations of health states compared to self ratings in patients with epilepsy

R20 Van der Pol M., Cairns J.
How does the discounted utility model compare to alternative discounting models?

R21 Shi S., Wang B.B., Wan T.
A model of predicting quality of care in rural ICUs

R22 Stéphane I.
The health of older persons in OECD countries: is it improving fast enough to compensate for population ageing?
R23 Wilson S.
Inter-Spousal correlation in health status: evidence and implications

R24 Yamada T.
Alcohol and drug use (abuse), and behavioral difference of HIV/AIDS people: addiction approach

R25 Maceira D.
Income distribution and the public-private mix in health care provision: the Latin-American case

R26 Perrin H.
Reducing inequity in health care access: Research of possible health policy actions through a demand analysis of households from abidjan (Ivory Coast)

R27 Pokineier W., Volker U.
The demand for health care over the life cycle: theory and empirical evidence from German panel data

R28 Tiford J.M., Zhang M.
Modelling health care demand with the inverse hyperbolic sine transformation

R29 Ulrich V., Erbsland M.
Short-run dynamics and long-run effects of demographic variables on the demand for health care

R30 Vera A.
Duplicate coverage and demand for health care

R31 Wilson P.
Estimating counts of related events with endogenous switching

R32 Ray S.
Two-component expenditure models of health risk assessment

R33 Waittice T.
Demand for care by the elderly: a random utility model

R34 Stuart B., Fotherman C., Zacker C.
Medicaid copays hit elderly in frail health

R35 Persson B., Ekeland M.
Pharmaceutical prices in a regulated market

R36 Paraponaris A., Moatti J.P.
Macro-financing mechanisms, micro-innovation incentives and resources (re-) allocation in anti-cancer treatments

R37 Pinto C., Barros P., Machado A.
A signalling theory of excessive technology adoption

R38 Zanola R.
Public provision of private goods: the case of health care

R39 Magnussen J.
Variation in efficient input and capacity utilization with ownership and market conditions: Implications for the cost of an empty hospital bed

R40 Shaw R., Hull S.
Waiting for surgery- using waiting times for elective surgery as a measure of changes in the delivery of health care following the implementation of an alternative funding plan

R41 Peacock S.
Patient characteristics and technical efficiency in health care: A multilevel model of dialysis services

R42 Yasukawa F.
An empirical study on the determinants of nurse’s workplace. Shiftfiting from hospital to home-health care

R43 Wen Y.
Hospital response to case payment

R44 Linna M.
The impact of health care financing reform on the productivity change in Finnish hospitals

R45 Sales A.
Is there evidence of segmentation in the U.S. RN labor market?

R46 Rossiter L.
The impact of disease management on outcomes and cost of care

R47 Tai-Scale M., Freund D.A., LoSasso A.T.
Medicaid managed care: maternal health care in California
**Programme**

**PRIVATE AND PUBLIC CHOICES IN HEALTH AND HEALTH CARE**

**Wednesday, June 9**

R48  **Wong H.**
Receipt of preventive services: do HMOs make a difference?

R49  **Polton D.**
Managed care: is competition a necessary condition?

R50  **Vermaas A.**
Agency and managed care

R51  **Melhues M.**
Liability, litigation, insurance, and incentives

R52  **Thabrany H.**
Prepaid health care (capitation payment system) in Indonesia

R53  **Bitran R., Ubilla G.**
The impact of capitation payment on market structure and internal organization of providers in Argentina

R54  **Yip W.**
The impact of capitation payment on market structure and internal organization of providers in Thailand

R55  **Meenan R.**
Using administrative data to forecast high-cost users of medical care

R56  **Navarra P., Limosani M.**
The precautionary motives for saving: The effects of self-insuring on optimal intertemporal consumption behaviour

R57  **Tang-Liang C.**
Do different population groups respond to health insurance differently?

R58  **Roy T., Späth H.M., Carrere M.O.**
Is production of health care compliant with guidelines: The effect of patient, physician and treatment characteristics in breast cancer follow-up

R59  **Serow W.J., Cowart M.**
Distributional changes in the American aged population, 1995 - 2025: Implications for publicly funded health insurance

R60  **Terza J.**
Estimating two-part models of health services demand with health insurance as an endogenous binary regressor

R61  **Sommer J.**
Economic analysis of the effects of the inclusion of complementary and alternative medicine in health insurance funds in Switzerland

R62  **Torche A., Sapelli C.**
Public insurance for the poor and private insurance for the rich? A study of the determinants of the choice between public and private health insurance in Chile

R63  **Wang Y.**
The interaction between socioeconomic status and health insurance types on the use of preventive care

R64  **Anis A., Wang X., Hector I.**
The cost-effectiveness of propofol in sedating patients admitted to intensive care units

R65  **Polder J., Meerdink W.J., Bonneur J.**
A cross-national perspective on cost-of-illness

R66  **Späth H., Ferdjoumi N., Carrere M.O.**
Using economic evaluations in health care decision-making

R67  **Thomassen H.**
Costs of using better health as personal capital

R68  **Tolley K., Finkelstein S., Barnett A.**
Acute renal failure, renal impairment and hospital costs: Implications for the development of preventive drugs

R69  **Ullerup K., Poulsen P.B., Kidholm K.**
Cost-utility analysis of donepezil (aricept) for the treatment of Alzheimer's disease

R70  **Van den Boom G., Van Schaik O., Rutten-van Mölken M.**
Active detection of asthma and chronic obstructive pulmonary disease (COPD): economic consequences of the dimca program

R71  **Vondeling H., Van der Windt D., Koes B.**
Corticosteroid injections of physiotherapy for the painful stiff shoulder: an economic evaluation alongside a randomised trial in primary care
R72 Spetz J.
Do multi-hospital corporations stop the over-diffusion of technology?

R73 Ramsey S., Higashi M.
An economic evaluation of genetic screening for hereditary nonpolyposis colon cancer

R74 Searns S.
Longitudinal analysis of the cost-benefit of a preventive service within a public insurance program

R75 Tang Z., Chen Y., Chen Y.
Cost-analysis of China's new vaccine production programme: case of fluid oral poliomyelitis vaccine

R76 Weaver M.
Influenza and pneumococcal vaccines: cost-effectiveness analysis of a combined community-based campaign

R77 Richardson J.
Rationalism and its methodological legacy in cost utility analysis

R78 Severens J., Mulder J., Lahey R.
Precision and accuracy in measuring absence from work retrospectively as a basis for calculating productivity costs

R79 Stevens W.
Optimisation versus certainty. What use subgroup analysis in economic evaluation?

R80 Ozsseg O.
Health expenditures and their impact on the economic growth and social well-being of Turkey

R81 Sandberg G.
Working conditions and health differences by gender

R82 Vincent R., Hall J.
Making PBMA a success: understanding planners and providers

R83 Wang B.
The effect of private choices of managed care on hospital vertical integration.

R84 Yang B.
Policy on drug distribution in Korea; a challenge to the welfare state
Concurrent Sessions M

M1: The (non) equivalence between cost effectiveness analysis and cost benefit analysis

Chair: Han Bleichrodt
Room: Rotterdam Hall
Magnus Johansson
Cost-effectiveness analysis from a societal perspective
David Melzer
Accounting for future costs from a societal perspective in medical cost-effectiveness analysis
Han Bleichrodt, John Quiggin
Life cycle preferences for consumption and health: when is cost effectiveness analysis equivalent to cost benefit analysis?

M2: Generalization in economic evaluation

Chair: Mike Drummond
Room: Oscar Auditorium
R. Griere
Can we generalise from costs measured in one country to another?
M. Ruten-Van Möhlen
Pooling data from multinational cost-effectiveness analysis: illustrations from a CEA of two long-acting bronchodilators in asthma
G. Hutton
Can the costs of antenatal care (ANC) be generalised across countries?
R. Meenan, M.J. Goodman, M.C. Horbrook
Implications of pooled administrative data for cost-effectiveness analysis

M3: The optimal insurance mix

Chair: Louis-André Gérard Varet
Room: Townhall Room
Dominique Henriët and Jean-Charles Rochet
Is public insurance an appropriate instrument for redistribution?
William Jack
Controlling risk selection incentives when health insurance contracts are endogenous

M4: Antitrust in health care

Chair: Warren Greenberg
Room: Van Oldenbarnewelt Room
Lee Mobley, Ted Frech
Managed Care, distance traveled, and hospital market definition
Warren Greenberg
Vertical integration in health care and its implications for antitrust
R. Arnoold, G. Bazzoit, H. Radach
The impact of hospital mergers on economic and allocative efficiency

M5: Vertical equity

Chair: Gavin Mooney
Room: Van Leeuwen Room
Gavin Mooney
Vertical equity in health care resource allocation
D. McIntyre, L. Gilson
Redressing dis-advantage: promoting vertical equity within South Africa
Y. Wiseman, J. Stephen
The practical application of the principle of vertical equity in the funding of aboriginal and Torres Strait Islander health care services

M6: Health Insurance

Chair: René van Vliet
Room: Diamond Room I
P.O. Johansson
Properties of actuarially-fair and pay-as-you-go health insurance schemes for the elderly. An OLG model approach
H. Levy
Who pays for health insurance? Employee contributions to health insurance premiums
M. Kjëmann
Community rating in health insurance and different benefit packages
T. Philipson, G. Zanjani
The production and regulation of health insurance
M7: Health labour

**Chair:** Owen O'Donnell  
**Room:** Diamond Room II  
**Maarten Lindeboom and Marcel Kerkhofs**  
Health development and work: measurement and endogeneity  
**Brent Kreider**  
Self-reported work limitation and applications for disability benefits  
**Owen O’Donnell**  
The effect of disability on employment allowing for work incapacity

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M8: Cancer prevention and control in the U.S.

**Chair:** Sajal Chattopadhyay  
**Discussant:** Martin Brown  
**Room:** Goudriaan Room  
**Sandra Decker, C. Rapaport**  
Can social policy improve breast cancer outcomes?  
**Edward C. Mansley, D.O. Duñet, D.S. May,**  
**S.K. Chattopadhyay**  
The behavior of average costs across output levels in CDC sponsored statewide cancer detection programs  
**Nancy Breen, R. Menil, M. Wesley**  
Race, class and use of breast cancer treatment services in the U.S.

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M9: Demand for health care

**Chair:** Albert Okunade  
**Room:** Blue Room  
**P. Rissanen, M. Nordberg, A. Aalto**  
Regional and patient related variation in demand and use of asthma rehabilitation- A multilevel approach  
**E. Norton**  
Heteroscedasticity and the retransformation of skewed health expenditures  
**L.C. Baker, C. Phipps, D. Supina**  
Examining hospital demand variability and hospital costs using panel data on daily occupancy  
**J. Mathonnat**  
The determinants of health care demand amongst the Senoufo of Ivory Coast

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M10: Health economics in developing countries

**Chair:** Jacques van der Gaag  
**Room:** Van Walsum Room  
**L. Bijlmakers, C. Sundaran**  
Integration of leprosy control services into general primary health care - Experiences from India  
**W. Dow**  
Mortality effects of private health insurance in a low-income population  
**M. Mariko**  
Quality of care supply and demand for health services in Bamako town, Mali: an econometric analysis  
**D. Hotchkiss, J.J. Rous**  
Household health expenditure in Nepal

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**Programme**

**PRIVATE AND PUBLIC CHOICES IN HEALTH AND HEALTH CARE**

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16:00 - 17:30

Plenary session
Rotterdam Hall

Arrow Award Presentation

Presentation of Award: Richard J. Arnould

Award recipient: Donna B. Gilleskie

A dynamic stochastic model of medical care use and work absence

The future of health economics

Speaker: Victor R. Fuchs

(Henry J. Kaiser Jr. Professor Emeritus, Stanford University, USA)

Closing Remarks

Mark V. Pauly (incoming iHEA-president)

Invitation to the third iHEA-conference, York 2001

Mike Drummond

Chair: Wynand van de Ven
Room: Rotterdam Hall

17:30 - 18:30

Farewell Drinks
Main Lounge