Health Outcomes 2004: PERSPECTIVES ON POPULATION HEALTH

10th Annual National Health Outcomes Conference

15 - 16 September 2004 RYDGES LAKESIDE, CANBERRA

Convened by:
Australian Health Outcomes Collaboration,
Centre for Health Service Development,
University of Wollongong;
Centre for Advances in Epidemiology and Information Technology,
The Canberra Hospital;
and
The Canberra Clinical School, University of Sydney

This conference is sponsored by:
National Palliative Care Program
Health Priorities and Suicide Prevention Branch
Community Care Branch
Department of Health and Ageing
New Zealand Mental Health Research and Development Strategy
Eli Lilly Australia
The Pharmaceutical Alliance
NSW Health
and
Aged and Community Care Branch
Department of Veterans’ Affairs
**Health Outcomes 2004: Perspectives On Population Health**  
15 - 16 September 2004 Rydges Lakeside, Canberra

### WEDNESDAY 15 September 2004

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>9.00</td>
<td>Welcome <em>(Lake Superior)</em></td>
<td><em>Professor David Ellwood, Canberra Clinical School</em></td>
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<tr>
<td>9.10</td>
<td>Opening Address</td>
<td><em>Ms Janet Sansoni, Australian Health Outcomes Collaboration</em></td>
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<td>Ten years after.</td>
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<tr>
<td>9.35</td>
<td>PLENARY: Health System Performance and Health Outcomes <em>(Lake Superior)</em></td>
<td><em>Chair: Professor David Ellwood, Canberra Clinical School</em></td>
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<tr>
<td>9.35</td>
<td>Prof Alan Lopez</td>
<td>Establishing health priorities to improve population health outcomes: diseases, injuries and risk factors.</td>
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<tr>
<td>10.00</td>
<td>Mr Colin Sindall</td>
<td>Targeting new risks to population health: challenges for health system reform and performance measurement.</td>
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<tr>
<td>10.25</td>
<td>Dr Louisa Jorm</td>
<td>All care but no responsibility - who is accountable for population health outcomes?</td>
</tr>
<tr>
<td>11.00</td>
<td><strong>1A: Population Health Outcomes and Medication Use <em>(Lake Superior)</em></strong></td>
<td>This session is sponsored by The Pharmaceutical Alliance</td>
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<tr>
<td>11.30</td>
<td>Assoc Prof Andrea Mant</td>
<td>Measuring population outcomes from changes in community use of prescribed medicines: a strategic approach.</td>
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<tr>
<td>11.50</td>
<td>Prof Wayne Smith</td>
<td>The Hunter Cohort Study: addressing questions about medication use and outcomes.</td>
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<tr>
<td>12.10</td>
<td>Dr Chris Kelman</td>
<td>Linking PBS data.</td>
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<tr>
<td>12.30</td>
<td>Mr Gawaine Powell Davies</td>
<td>Cardiab: a centralised register recall system developed for Divisions of General Practice.</td>
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<tr>
<td>11.30</td>
<td>**1B: Measuring Outcomes in Palliative Care <em>(Lake Michigan)</em></td>
<td>This session is sponsored by National Palliative Care Program, Department of Health and Ageing</td>
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<tr>
<td>11.30</td>
<td>Prof Kathy Eagar</td>
<td>Blending rigour and realism - challenges in measuring palliative care outcomes.</td>
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<td>11.55</td>
<td>Mr Mick O’Hara</td>
<td>National Palliative Care Strategy quality and effectiveness: information priorities.</td>
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<tr>
<td>12.20</td>
<td>Dr David Woods</td>
<td>Measuring the longitudinal trajectory of quality of life in palliative care - some practical lessons.</td>
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<tr>
<td>12.45</td>
<td>Discussion</td>
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<tr>
<td>11.30</td>
<td>**1C: Hospital Quality and Safety <em>(Lake Huron)</em></td>
<td><em>Chair: Dr Tony Oldfield, The Canberra Hospital</em></td>
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<tr>
<td>11.30</td>
<td>Dr Michael Richards</td>
<td>A state-wide surveillance program for hospital acquired infections in large Victorian public hospitals.</td>
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<tr>
<td>11.50</td>
<td>Ms Trisha Johnston</td>
<td>Methods for analysing routine hospital data to stimulate interest in quality of care: the Queensland experience.</td>
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<tr>
<td>12.10</td>
<td>Dr Yang Guo</td>
<td>Neurological complications of diagnostic cerebral angiography performed at a tertiary/referral hospital.</td>
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<tr>
<td>12.30</td>
<td>Ms Karen Oliver</td>
<td>The Primary Joint Replacement Project.</td>
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11.30 am

**1D: Population Health: Approaches, Issues and Datasets (Lake Nyanza/Geneva)**
*Chair: Dr Bruce Shadbolt, Centre for Advances in Epidemiology and Information Technology*

- **11.30** Mr John Glover  
  Estimates of potentially avoidable mortality in Australia and New Zealand.

- **11.50** Mr David Banham  
  Health inequalities in the South Australian population: insights from the South Australian Burden of Disease study.

- **12.10** Ms Elise Maher  
  Population study of Victorian children’s health and wellbeing.

- **12.30** Assoc Prof Robert Davis  
  Factors affecting health outcomes in adults with developmental disability.

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**1.00 – 1.45 Lunch**

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**1.45 pm**

**2A: Health Outcomes Report from New Zealand (Lake Superior)**
*This session is sponsored by the New Zealand Mental Health Research and Development Strategy*

- **Chair: Ms Jennifer Chipps, Health Research Council, New Zealand*

- **1.45** Dr Sally Merry  
  New Zealand child and youth outcome measures: examining use and acceptability in mental health services.

- **2.05** Dr Simon Adamson  
  The New Zealand Alcohol and Drug Outcome Project.

- **2.25** Mr Jim Burdett  
  *You must be mad to do this.* Service user participation in the development of an outcomes focused service culture in the New Zealand mental health sector.

- **2.45** Dr Te Kani Kingi & Ms Michelle Levy  
  Maori participation in outcomes research.

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**1.45 pm**

**2B: Issues for Chronic Disease Management (Lake Michigan)**
*Chair: Ms Kerry Markoulli, Community Care Branch, Department of Health and Ageing*

- **1.45** Ms Janet Sansoni & Assoc Prof Graham Hawthorne  
  Incontinence and health-related quality of life in the Australian population: the results of a population survey using multiple-measures.

- **2.05** Dr Michael Bird  
  The national evaluation of Alzheimers Australia’s support groups for people with early stage dementia and their carers.

- **2.25** Prof Christina Lee  
  Family care-giving – how does movement into and out of family caring roles affect women’s health?

- **2.45** Ms Catherine Jones  
  A single-blinded randomised controlled trial of an exercise intervention to reduce functional decline and health service utilisation in the elderly: some measurement issues.

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**1.45 pm**

**2C: Clinical Applications (Lake Huron)**
*Chair: Dr Tony Oldfield, The Canberra Hospital*

- **1.45** Prof Alex Liew  
  A randomised double blind placebo controlled clinical trial to evaluate Chinese herbal medicine in the management of endometriosis: a multi-centre, prospective study.

- **2.05** Dr Geoff Stubbs  
  The safety and cost effectiveness of synchronous bilateral total knee arthroplasty.

- **2.25** Assoc Prof Ian Scott  
  Improving care and outcomes of patients admitted with acute cardiac disease.

- **2.45** Ms Jennifer Lethlean  
  Allied health outcomes following severe stroke: case study presentations.
1.45 pm

**2D: General Practice and Population Health (Lake Nyanza/Geneva)**

*Chair: Rachel Balmanno, Strategic Planning Branch, Department of Health and Ageing*

- **1.45** Assoc Prof Elizabeth Kalucy
  - Divisions of General Practice: the challenge of assessing impact.
- **2.05** Prof Charles Bridges-Webb
  - MOOT – Measuring Outcomes Of Treatment.
- **2.25** Ms Jan Newland
  - Work-Related Acute Back Pain Clinical Guideline GP Education Program.
- **2.45** Ms Carolyn Searle

1.45 pm

**2E: Discussion Group: Population Health Outcomes and Medication Use (Executive Lounge, Ground Floor)**

This session is sponsored by The Pharmaceutical Alliance

*Facilitator: Professor Ric Day, Drug Development Unit, School of Medical Sciences, University of New South Wales*

*Panel: Associate Prof Andrea Mant, UNSW; Prof Wayne Smith, University of Newcastle; Prof Peter Sheehan, Melbourne University; Dr Chris Kelman, Department of Health and Ageing; Mr Gawaine Powell Davies, UNSW.*

3.40 pm

**3A: Health Outcomes – Mental Health (Lake Superior)**

*Chair: Ms Colleen Krestensen, Health Priority and Suicide Prevention Branch, Department of Health and Ageing*

- **3.40** Mr Tim Coombs
  - The Australian Mental Health Outcomes and Classification Network: sharing information to improve outcome.
- **4.00** Ms Gillian Malins & Mr Douglas Holmes
  - MH-CoPES: consumer directed evaluation of mental health services.
- **4.20** Mr Ron Catanzaro
  - Calculating and presenting mental health outcomes change scores.
- **4.40** Ms Jane Adams
  - The impact of schizophrenia on the quality of life of caregivers: a pilot study.

3.40 pm

**3B: Health Outcomes: Primary and Community Care (Lake Michigan)**

This session is sponsored by Aged and Community Care Branch, Department of Veterans’ Affairs

*Chair: Ms Sheryn Nourse, Aged and Community Care Branch, Department of Veterans’ Affairs*

- **3.40** Mr Mohan Singh
  - Mortality of Australian veterans and war widows.
- **4.00** Mr Stephen Lawton
  - Evaluation of a mental health promotion/suicide prevention initiative with sons and daughters of Vietnam veterans.
- **4.20** Ms Helen Glasgow
  - Unique features of the New Zealand Quitline service.
- **4.40** Dr Ellen McIntyre
  - Improving breastfeeding in Australia.

3.40 pm

**3C: Indigenous Health Outcomes (Lake Huron)**

*Chair: Senior Medical Adviser, Office of Aboriginal and Torres Strait Islander Health*

- **3.40** Ms Dorothy Burton & Ms Christine Sindely
  - Measuring Indigenous health outcomes in chronic disease/aged care – practical and methodological issues.
- **4.00** Ms Fiona Coulthard & Ms Kate Warren
  - The LIFE Program: an integrated model of chronic disease management for a rural Indigenous health service.
- **4.20** Mr Stephen McDonald
  - Outcomes of treatment for end-stage renal disease in contemporary Australia.
- **4.40** Dr Ana Herceg
  - Improving health in Aboriginal and Torres Strait Islander pregnant women, babies and young children: a literature review.

3.40 pm

**3D: Discussion Group: The challenges of measuring outcomes of treatment of people with complex and life threatening conditions (Lake Nyanza/Geneva)**

This session is sponsored by the National Palliative Care Program, Department of Health and Ageing

*Facilitator: Professor Kathy Eagar, Centre for Health Service Development, University of Wollongong.*

*Panel: Prof David Currow, Palliative Care RGH, Flinders University; Dr Frida Cheok, South Australian Department of Human Services; Dr Madeleine King, CHERE, UTS.*
### 11.20 am

**4A: Burden of Illness - Depression (Lake Superior)**

This session is sponsored by Eli Lilly Australia  
*Chair: Mr Bill Montgomery, Eli Lilly Australia*

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<th>Topic</th>
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<tr>
<td>11.20</td>
<td>Prof Ian Hickey</td>
<td>Optimising outcomes for people with depression - beyond beyondblue.</td>
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<tr>
<td>11.40</td>
<td>Dr Chris O’Neil</td>
<td>LIDO (Longitudinal Investigation of Depression Outcomes).</td>
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<tr>
<td>12.00</td>
<td>Dr Frida Cheok</td>
<td>Quality of life for cardiovascular patients with comorbid depression: the Identifying Depression as a Comorbid Condition (IDACC) study.</td>
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### 11.20 am

**4B: Measurement Issues (Lake Michigan)**

*Chair: Dr Kathleen Wyrwich, Saint Louis University, Missouri, USA*

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<tr>
<td>11.20</td>
<td>Dr Madeleine King</td>
<td>Evidence based interpretation guidelines for health related quality of life measures: a novel application of meta-analysis illustrated with the fact-g.</td>
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<tr>
<td>11.40</td>
<td>Dr Cheryl Swanson</td>
<td>Outcome measures used in traumatic brain injury and spinal cord lesions in Australia – can there be a consensus?</td>
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<tr>
<td>12.00</td>
<td>Dr Robert Brooks</td>
<td>Factor structure and interpretation of the K-10.</td>
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<td>12.20</td>
<td>Dr Richard Osborne</td>
<td>The development of the HEI-Q (Health Education Impact Questionnaire).</td>
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11.20 am

4C: National Health Priority Areas – Asthma/COPD (Lake Huron)
This session is sponsored by the Health Priorities and Suicide Prevention Branch, Department of Health and Ageing
Chair: Ms Susan Garner, Health Priorities and Suicide Prevention Branch, Department of Health and Ageing
11.20 Ms Patricia Correll Measuring the impact of asthma on quality of life in the Australian population.
11.40 Ms Leanne Poulos Asthma population monitoring: indicator development and evaluation.
12.00 Ms Amee Morgans Rural community utilisation of emergency health care for asthma.
12.20 Ms Chris Shoemaker Breathe easy: a pulmonary rehabilitation program.

11.20 am

4D: Economic Evaluation and Cost Effectiveness (Lake Nyanza/Geneva)
Chair: Mr Roy Harvey, Centre for Health Service Development
11.20 Dr Jane Hall The evaluation of genetic testing: what is the right outcome measure?
11.40 Ms Rosalie Viney QALYs: achieving comparability at the cost of interpretability
12.00 Assoc Prof Jim Pearse Estimating health needs for the purpose of funding health services in NSW
12.20 Dr Leonie Segal Priority setting across the care continuum and across modalities - application to osteoarthritis.

12.45 - 1.30 Lunch

12.45 - 1.30 Poster Presentations (Lake Hakone)

1.30 pm

5A: Clinical Applications, Benchmarks and Other Issues (Lake Superior)
Chair: Mr Roy Harvey, Centre for Health Service Development
1.30 Ms Janette Green The Australasian Rehabilitation Outcomes Centre - discovering the story hidden in the data.
1.50 Assoc Prof Peter Baghurst A risk-adjusted comparison of the caesarean section rates of consultant obstetricians.
2.10 Ms Emma Warren Costs and treatment outcomes for patients with Stage I and II non-small cell lung cancer.
2.30 Mr Sean Lybrand An evaluation of the ICD-10 as an epidemiological tool for rheumatology practice audit.

1.30 pm

5B: National Health Priority Areas: Health Outcomes and Cancer (Lake Michigan)
This session is sponsored by the Health Priorities and Suicide Prevention Branch, Department of Health and Ageing
Chair: Ms Susan Garner, Health Priorities and Suicide Prevention Branch, Department of Health and Ageing
1.30 Assoc Prof Afaf Girgis A 4-step model to facilitate the provision of more integrated, coordinated and patient-focused psychosocial care for cancer patients.
1.50 Mr Chris Willcox Group interventions for women with breast cancer and their partners.
2.10 Prof Richard Taylor Mammography screening and breast cancer mortality in New South Wales, Australia.
2.30 Ms Patsy Kenny Quality of life in the two years after surgery for non-small cell lung cancer.

1.30 pm

5C: Health Outcomes – New Presenters’ Session (Lake Huron)
This session is sponsored by the National Palliative Care Program, Department of Health and Ageing
Chair: Professor Kathy Eagar, Centre for Health Service Development, University of Wollongong
1.30 Dr Kate Senior, Ms Lynde Schubert, Ms Wendy Scott, Ms Libby Morgan & Ms Gayangala Lalara Caring Communities in Northern Australia: local understanding and national strategies.
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<tr>
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<tr>
<td>1.30</td>
<td>Mr Daniel Pilbrow</td>
<td>An integrated model of care helping consumers managing chronic diseases – how can we measure it?</td>
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<tr>
<td>1.50</td>
<td>Ms Libby Holden</td>
<td>Evaluation of a new chronic disease management model from the health care providers’ perspective.</td>
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<tr>
<td>2.10</td>
<td>Dr Megan Passey</td>
<td>Patient and carer perspectives on a new chronic disease management program.</td>
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<tr>
<td>2.30</td>
<td>Dr Peter Harvey</td>
<td>The application of the Partners in Health (PIH) patient self-management assessment scale in Sharing Health Care SA project.</td>
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**3.00 - 3.20 Afternoon Tea**

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<tr>
<td>3.20</td>
<td>Mr Ron Catanzaro</td>
<td>Comparison of clinician-rated and consumer self-rated outcomes.</td>
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<tr>
<td>3.40</td>
<td>Mr Tim Coombs &amp; Ms Michelle Hudoba</td>
<td>Comparing mental health units using the Health of the Nation Outcomes Scales - the Illawarra experience.</td>
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<tr>
<td>4.00</td>
<td>Ms Doris Rembicki</td>
<td>Can the effectiveness of community care be measured by outcomes? A trial of the OPUS-SC.</td>
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<td>4.20</td>
<td>Ms Rachel Rossiter</td>
<td>The outcomes of staff training in the use of dialectical behaviour therapy for borderline personality disorder.</td>
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**3.20 pm**

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<tr>
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<td>Ms Gael Traa</td>
<td>Is satisfaction a reliable indicator of best practice?</td>
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<tr>
<td>3.40</td>
<td>Ms Sophie Yahui Hsieh</td>
<td>Rethinking quality and safety of care in the context of patient complaints: an evaluation study.</td>
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<tr>
<td>4.00</td>
<td>Dr David Bomba</td>
<td>Helping patients to help themselves: the rhetoric versus the reality.</td>
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<tr>
<td>4.20</td>
<td>Ms Amee Morgans</td>
<td>Patient decision making processes that lead to inappropriate emergency department and ambulance use.</td>
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**3.20 pm**

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<tr>
<td>3.20</td>
<td>Ms Ying Zhang</td>
<td>The tertiary prevention effectiveness of community intervention on outpatients with Type 2 Diabetes Mellitus.</td>
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<tr>
<td>3.40</td>
<td>Ms Judy Reinhardt &amp; Ms Robyn Martin</td>
<td>Development and implementation of a process to collect diabetes clinical indicator information, from a rural based Area Health Service perspective.</td>
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<tr>
<td>4.00</td>
<td>Ms Margo Moore &amp; Ms Anne Lawrence</td>
<td>The Villawood Icebreaker Project 2001-2003.</td>
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<tr>
<td>4.20</td>
<td>Ms Linda Marshall &amp; Ms Patricia Norman</td>
<td>A follow-up study on Effective Primary Care planning and hospital admission.</td>
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**4.45 END OF CONFERENCE**

Collect your voucher for a complimentary drink and meet in Cahoots for an informal conference farewell.
Pre Conference Workshops
Tuesday, 14 September 2004 Rydges Lakeside, Canberra

MORNING

1. Health Outcomes: An Introduction and Overview
Presenter:
Ms Jan Sansoni, Director, Australian Health Outcomes Collaboration
Target: For those not so familiar with health outcomes evaluation. The workshop also provides a useful background to the workshops be held in the afternoon.

The Health Outcomes Jigsaw
This section will provide an overview of both the Australian and international focus on health outcomes. Definitions and a health outcomes framework will be explored. The health outcomes focus will be discussed in relation to population health and health gain, quality improvement activities, best practice guideline development and benchmarking activities that may be undertaken by health and community care organisations. The consumer/client focus of health outcomes will be discussed, as will the constructs of well being, quality of life and health related quality of life. Issues concerning the linking of health outcomes to resource allocation will be briefly examined.

Selecting Instruments and Measures: Some Practical Examples
Participants will be asked to complete some health related quality of life measures in order to discuss some of the practical and research issues that arise when using such instruments for patient/client based assessments. The typology of measures and indicators will be examined and the group will discuss issues that are relevant to the selection of measures and instruments used to ascertain health outcomes within the context of quality improvement and health service evaluation.

Cost: ($170+GST) $187 Time: Tuesday, 14 September 2004, 9.15am-12.30pm

2. Internet-Based Chronic Disease Management Systems: Application to the Measurement of Health System and Population-Based Outcomes
Presenters:
Dr Dennis Tannenbaum and Dr Lucy Robertson, InfraPsych Australia
Target: This workshop is aimed at those who are interested in improving the management of chronic diseases and collecting outcomes data using internet-based clinical systems.

E-health disease management systems follow managed care as the next major move in health restructure. Chronic disease management systems appeal to clinicians and administrators alike, as they improve the clinical management of populations, prevent unnecessary hospitalisation and reduce costs. They allow outcomes systems and benchmarking to occur to the level of a disorder and to monitor patient progress across the continuum of care. Preliminary studies show cost reductions of up to 30% per disorder. The implementation of such systems involves a rethink of our current use of technology and organisational systems.

This workshop aims to increase your understanding of: (1) the future role of e-health and chronic disease management in the delivery of care; (2) how e-health and disease management systems offer opportunities for health system restructure; (3) how you can conceptualise the use of e-health and disease management systems for your services and capitalise on its benefits; (4) how such systems can be conceptualised and implemented to ensure optimal benefit from outcomes systems; (5) how e-health, outcomes and disease management are related and interface with each other; and (6) the benefit of wider collaborations versus competition in the building and development of systems to enhance the management of chronic illness.

An internet-based disease management system for depression (Recovery Road) will be demonstrated. Recovery Road links consumers and carers, hospitals, treatment teams, specialists and GPs. The system provides pre-doctor and pre-hospital assessment, e-health records, patient progress monitoring, patient reminders, online diary, online therapy, online discussion groups, e-consultations and patient progress reports. The clinician system provides patient progress monitoring, symptom severity flags and patient treatment plans. These features enable clinical workflow management, e-second opinions, population monitoring, medication monitoring, benchmarking of services and an investigation of cost-effectiveness of medications. In addition, the system produces datasets of value to the PBS and MBS. Recovery Road is currently being implemented in both the private and public mental health sector in Western Australia. Issues associated with implementation will be discussed.

Cost: ($170+GST) $187 Time: Tuesday, 14 September 2004, 9.15am-12.30pm
3. Developments in Using Mental Health Outcomes Data

Presenters:
Professor Graham Mellsopp, Auckland University, New Zealand
Allen Morris Yates, Strategic Planning Group for Private Psychiatric Services
Jennifer Chipps, Health Research Council, New Zealand
Associate Professor Thomas Trauer, Department of Psychiatry, The University of Melbourne; Department of Psychological Medicine, Monash University

Target: This workshop is open to anyone with an interest in current developments in the collection and use of outcomes data in mental health, aimed at improving services. It will be of particular interest to staff working in mental health who want to develop a better understanding of the implications of using aggregated mental health outcome data for service monitoring and development in either the public or private sectors.

This workshop will provide an overview of the developments in the analysis of data from outcomes measurement in Australian and New Zealand mental health services. It will present examples of aggregated mental health outcome data and discussion around the implications for practice. Finally, the workshop will focus on the use of outcomes information by clinicians and managers for service development and encourage exploratory and informative discussion.

Cost: ($170+GST) $187  Time: Tuesday, 14 September 2004, 9.15am-12.30pm

4. Interpreting Health Related Quality of Life (HRQoL) Outcomes

Presenter:
Dr Madeleine King, Centre for Health Economics, Research & Evaluation (CHERE)

Target: For people who are doing or using research that includes health-related quality of life (HRQoL) as an outcome.

Interpreting the clinical significance of effects observed on health-related quality of life (HRQoL) scales is problematic because their units of measurement are unfamiliar to policy makers, clinical researchers, health services researchers, quality assurance assessment teams and clinicians alike. A number of approaches may be used to find meaning in HRQoL scores and to determine what is a clinically meaningful difference or change in scores. Some methods are appropriate for understanding an individual patient’s scores, and others are appropriate for the interpretation of group-based research results. This course will review, critique and compare these methods.

The first half of the workshop is introductory, motivating the topic and presenting the various approaches to developing interpretations. The second half of the workshop covers more advanced topics including how to develop a priori expectations of the minimum clinically important change in a given clinical context, differentiating clinical importance and statistical significance, and response shift. Examples and exercises will be used throughout to illustrate and reinforce the concepts and methods.

Cost: ($170+GST) $187  Time: Tuesday, 14 September 2004, 9.15am-12.30pm

5. Designing Measurement Suites: Screening, Assessment, Outcomes Evaluation and Service Benchmarking

Presenters:
Professor Kathy Eager, Ms Jan Sansoni, Mr Nick Marosszeky, Mr Roy Harvey and Ms Janette Green, Centre for Health Service Development, University of Wollongong

Target: Those interested in assessing needs and outcomes for a range of health conditions.

Growing out of work on client classification and a series of evaluation studies, the CHSD has developed measurement suites for screening, assessment and outcomes evaluation for a range of government programs, including projects on Functional Screening; Initial Needs Identification for Primary and Community Care (Victoria and SA); and Ongoing Needs Identification (HACC in NSW and Qld, as well as a Coordinated Care Trial). Other applications of common and standardized screening tools have been in priority rating for NSW Home Care, assessing need and priority for aids and appliances, and screening of young adults with disabilities. When information on the costs of services can be linked to reliable estimates of client need, then there is a classification basis that will give more powerful applications of the same routinely collected data. The CHSD has been involved in establishing and operating the Australasian Rehabilitation Outcomes Centre, and this has allowed benchmarking for facilities in ways that control for patient variation. This workshop will focus on the process CHSD has undertaken in developing suitable measurement suites for these purposes.

Kathy Eager describes a range of recent projects, address the different purposes of measurement suites and discuss key issues that have arisen in their development. Nick Marosszeky and Jan Sansoni will provide an interactive exercise around the criteria for selecting standardised measures and discuss the selection of measures in relation to the purpose of measurement. Janette Green will cover the inclusion of standard socio-demographic, diagnostic and service utilisation items in measurement batteries and raise some practical issues related to understanding data on costs. Janette will also demonstrate benchmarking.
applications from the AROC reporting environment and address maintenance of data quality. Roy Harvey discusses applications for outcomes evaluation and benchmarking in developing service networks, promoting information sharing and improving services. Finally, Kathy Eagar leads discussion on lessons learnt in developing measurement suites and on ways of avoiding problems when introducing standardised tools into routine practice.

Cost: ($170+GST) $187  Time: Tuesday, 14 September 2004, 1.30-5.00pm

6. Evaluating Change in Health-Related Quality of Life Measures

Presenter:
Dr Kathleen Wyrwich, Saint Louis University, Saint Louis, Missouri, USA

Target: Researchers, policy analysts, health care product analysts, practitioners and other stakeholders evaluating health outcomes assessments so that relevant assessments of change can be benchmarked for improved interpretation and applied in decision making processes.

Participants should have had some exposure to the data collected from either a health-related quality of life questionnaire such as the generic SF-36 or a disease specific instrument such as the Asthma Quality of Life Questionnaire. The workshop will be divided between 60% lecture/seminar, 20% interactive exercises, and 20% discussion and answer periods.

Workshop Outline:
1. What are health-related quality of life (HRQoL) measures and how are they used?
2. Who are the stakeholders in HRQoL change evaluations?
3. Review and critique of evaluation methods to date - (a) anchor-based methods, (b) distribution-based methods.
4. Relationships between evaluation methods.
5. Controversies associated with these methods.
6. Other practical approaches.
7. Challenges ahead.
8. Additional questions and discussion.

Cost: ($170+GST) $187  Time: Tuesday, 14 September 2004, 1.30-5.00pm

7. Developing Questionnaires to Measure Health Outcomes from First Principles: Meeting the Needs of Lay Practitioners, Health Care Professionals, Researchers, Funders and Policy Makers

Presenter:
Dr Richard Osborne, Centre for Rheumatic Diseases, Department of Medicine, Royal Melbourne Hospital, The University of Melbourne

Target: Funding agencies, health program providers, individual practitioners, educators and trainers, and program directors.

The field of psychometrics has matured in recent years, with an increasing number of researchers using sophisticated techniques to assist in the development and validation of measures. Questionnaires and reporting requirements are being streamlined to make it easier to assess the outcomes of health treatments and programs for clinician and policy maker alike, and population norms are increasingly available to provide benchmark data. With the advent of evidence-based medicine and evidence-based health policy there is growing pressure across all sectors of the healthcare system to justify activities and resource expenditures. There are methods and processes available that assist questionnaire developers to construct an outcomes questionnaire that meets the needs of health care professionals, researchers and policy makers. The development of the HEI-Q (Health Education Impact Questionnaire) will be used as a practical example.

The workshop will cover methodological options for questionnaire design, and provide insights into the difficult decision nodes that occur during questionnaire development and validation phases.

The following stages in questionnaire design and development will be discussed:
Stage 1. Putting together the right team with the right expertise.
Stage 2. Interviewing stakeholders to identify the important indicators of program success.
Stage 3. Development of a clear construct of what is to be measured (including scoping what is to be measured and estimating the ‘causal chain’ – i.e. impacts on individuals).
Stage 4. Defining outcomes for your program from the participant’s perspective.
Stage 5. Defining outcomes for your program from other stakeholders’ perspectives.
Stage 6. Defining the constructs you wish to measure.
Stage 7. Writing the item pool.
Stage 8. Scale construction and item reduction; use of common sense, IRT (Rasch), factor analysis, structural equation modelling.
Stage 9. Scale validation.
Stage 10. Scale presentation.

Cost: ($170+GST) $187  Time: Tuesday, 14 September 2004, 1.30-5.00pm

Note: The discounted cost for two workshops is $308.00 ($280+GST). Workshop registration includes lunch, which is served between 12.30pm and 1.30pm.
**Conference Venue**
Ry whole Lakeside, London Circuit, Canberra, ACT 2600
Tel: 02 6247 6244, Fax: 02 6257 3071

**Conference Dinner**
The Conference Dinner will be held at the Conference Venue at 7.30 pm Wednesday, 15th September. The cost of the dinner is $66.00 ($60+GST), and is not included in the registration fee.

**Poster displays**
Delegates are invited to present a poster of any relevant work recently undertaken or currently underway. The intention to display a poster should be indicated on the registration form or verbally to the Conference Secretariat by 1 August 2004.

**Cancellation Policy**
Cancellation of registration before close of business Friday 15 August 2004 will attract full refund of monies paid minus a $55.00 fee (includes GST) to cover administration costs. After this date, refund on cancellation will be limited to a maximum of 50% of total monies paid for registration. There will be no refund on cancellation of registration after close of business Monday 6 September 2004. Registrations are transferable to others.

**Stands**
A limited number of stands are available for display of health outcomes related products and/or services. Please contact the Conference Secretariat for further details.

**Conference Secretariat**
Lorna Tilley or Jan Sansoni
Tel: 02 6205 0869 or 02 6291 7271
Fax: 02 6244 4201 or 02 6291 7271
Email: lorna.tilley@act.gov.au jansan@netspeed.com.au
Postal Address: Health Outcomes Conference Secretariat
Bldg 8, The Canberra Hospital, PO Box 11, WODEN ACT 2606
Website: www.uow.edu.au/commerce/ahoc

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**Conference Travel & Accommodation Packages**

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<thead>
<tr>
<th>Conference Agent</th>
<th>Contact Details</th>
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<tbody>
<tr>
<td>Flight Centre Groups,</td>
<td></td>
</tr>
<tr>
<td>Shop 9, 431 St Kilda Rd, Melbourne, VIC 3004</td>
<td></td>
</tr>
<tr>
<td>Tel: (03) 9865 4240  Fax: (03) 9865 4250  Toll Free: 1300 301 900</td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:jennifer.johnson@flightcentre.com.au">jennifer.johnson@flightcentre.com.au</a></td>
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Flights are with Qantas Airways.
Prices are subject to change due to availability of the time of booking. Please see some options below.

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<tr>
<th>Airfares</th>
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**Travel Insurance**
We are an authorised representative of the Licensee, CoverMore Travel Insurance, License No. 241713. The quotation is an indicative price only and there are various cover options and plans, which you should consider. Please refer to the CoverMore Product Disclosure Statement before making a decision on whether to purchase.

Cost for Cover more domestic policies start from $17.00 per person for $400.00 cancellation fee

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Terms & Conditions: All airfares are subject to availability at time of reservation and these prices are subject to change at any time without notice. Airport, ticket taxes and GST are compulsory and not negotiable. Final payable airport and ticket taxes will vary depending on flights itinerary and currency fluctuations. All prices are quoted per person.
# REGISTRATION FORM

**DELEGATE DETAILS**

Name and Title: 
Organisation (to be used on delegate badge): 
Mail Address: 
Telephone: 
Fax: 
Email: 

**Half-Day Workshops (14 September 2004)**

Please circle your preferred workshop(s).

Morning: 1 2 3 4  
Afternoon: 5 6 7  

**CONFERENCE DINNER**

(To be held at Rydges Lakeside, 15 September)

No. of people attending 
No. vegetarian meals required 

**POSTERS**

Please note that poster displays do not attract subsidised registration. 
I wish to display a poster on the topic of: 

Title of poster: 

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**Conference Attendance**

- Both days  
- 15 Sept only  
- 16 Sept only  

**REGISTRATION DETAILS**

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**TOTAL AMOUNT OWING** 

**METHOD OF PAYMENT (in Australian dollars)**

- **CHEQUE** 
- **CREDIT CARD**  
  - Bankcard  
  - Mastercard  
  - Visa  

Payable to: Health Outcomes Conference 2004 and send to Health Outcomes Conference Secretariat, Bldg 8, The Canberra Hospital, PO Box 11, WODEN, ACT 2606, AUSTRALIA 

Name as appearing on card:  
Signature: 

Enquiries: The Health Outcomes Conference Secretariat, att: Lorna Tilley, Bldg 8, PO Box 11, WODEN ACT 2606 AUSTRALIA 
Tel: +61 (0)2 6205 0869  
Fax: +61 (0)2 6244 4201  
Email: lorna.tilley@act.gov.au  
Website: www.uow.edu.au/commerce/ahoc  

* Corporate/Multiple Applicants Discounts  

A discount on bulk bookings will apply for organisations sending more than five, two-day delegates to the conference. Prices available on application. 

Please note: This is a Tax Invoice for GST Input Credit purposes ABN 89 049 056 234