

Health Outcomes 2002: Current Challenges and Future Frontiers

8th Annual National Health Outcomes Conference

17-18 July 2002 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 the:

Community Care Branch

Mental Health and Special Programs Branch

Priorities and Quality Branch

Department of Health and Ageing

NSW Health

Eli Lilly Australia

Health Services Branch,

Department of Veterans' Affairs

The Pharmaceutical Alliance



University of Wollongong



Commonwealth Department of
Health and
Ageing

Health Outcomes 2002: Current Challenges and Future Frontiers

17-18 July 2002 Rydges Lakeside, Canberra

WEDNESDAY 17 July 2002

Opening Address and Welcome: (Lake Superior)

9.00 **Ms Jan Sansoni**, Australian Health Outcomes Collaboration.
Challenges and frontiers: A pot pourri.

Keynote Address:

9.20 **Professor Paul Glasziou**, School of Population Health, University of Queensland.
Navigating best practice in the information deluge.

PLENARY: (Lake Superior)

9.50 **Panel Discussion: Health Outcomes - Current Challenges And Future Frontiers**

Chair: Ms Jan Sansoni, Australian Health Outcomes Collaboration.

Panel Members: Ms Maureen Robinson, NSW Health; Ms Sheryn Nourse, Department of Veterans' Affairs; Dr Bruce Shadbolt, Centre for Advances in Epidemiology and Information Technology; Professor Kathy Eagar, Centre for Health Service Development.

11.00 - 11.30 Morning Tea

11.30 am

1A: **Health Outcomes: Assessing Cost Effectiveness (ACE) (Lake Superior)**

Chair: Prof Kathy Eagar, Centre for Health Service Development, University of Wollongong

11.30 **Dr Theo Vos** The ACE Studies: Helping policy makers choose evidence based health services.

11.50 **Dr Michelle Haby** ACE - Mental Health: Cost effectiveness of drug and psychological interventions for major depression in children and adolescents.

12.10 **Mr Stephen Lim** ACE - Heart Disease: A comparative analysis of the cost effectiveness of aspirin, dietary counselling and HMG-CoA reductase inhibitors.

12.30 **Dr Emma Ashton** ACE - Heart Disease: Cost effectiveness of sitostanols for the primary prevention of coronary heart disease in the Australian population.

11.30 am

1B: **The Clinical Support Systems Program - Safer Systems for Clinicians and Consumers (Lake Michigan)**

Chair: Mr Paul Long, Clinical Support Systems Program, Royal Australasian College of Physicians.

11.30 **Dr Paul Mitchell** The Austin Bowel Cancer Consortium.

11.45 **Dr Jeff Wasserthiel** The Hunter Consortium: Towards a safer culture.

12.00 **Prof Mal Horne** The Monash University Consortium.

12.15 **Dr Alison Mudge** The Brisbane Cardiac Consortium.

12.30 **Discussion**

11.30 am

1C: **Health Outcomes: Issues for Primary and Community Care.**

This session is sponsored by Health Services Branch, Department of Veterans' Affairs

Chair: Mr Robert Peck, Medication Management, Health Services Branch, Department of Veterans' Affairs.

11.30 **Ms Shirley Batho & Elan Chesher** Challenging practices to improve outcomes in wound management

11.50 **Ms Irene Howgego** Trauma and post traumatic stress disorder in patients with serious mental illness: Implications for health outcomes.

12.10 **Mr Peter Lawrinson** Measuring treatment outcomes for clients of alcohol and other drug treatment services.

12.30 **Ms Anne Barnett** Community-based group exercise improves balance and reduces falls in at-risk older people: A randomised trial.

1.00 – 1.45 Lunch

1.00 – 1.45pm Poster Presentations (Lake Hakone)

See Conference Booklet for schedule of poster presentations and poster abstracts.

1.45 pm

2A: Health Outcomes and Osteoporosis (Lake Superior)

This session is sponsored by Eli Lilly Australia

Chair: Mr Bill Montgomery, Eli Lilly Australia.

- | | | |
|------|-------------------------|--|
| 1.45 | Ms Judy Stenmark | The burden of brittle bones: Costing osteoporosis in Australia. |
| 2.15 | Dr Munro Neville | Expanding access to diagnostic testing for osteoporosis. |
| 2.35 | To be advised | An overview of the current management of people with osteoporosis. |
| 2.55 | Discussion | |

1.45 pm

2B: Health Outcomes and Mental Health (Lake Michigan)

This session is sponsored by the Mental Health and Special Programs Branch, Department of Health and Ageing

Chair: Professor Kathy Eager, Centre for Health Service Development.

- | | | |
|------|---------------------------|--|
| 1.45 | Ms Lizzie Finn | Mutual help, an important gateway to wellbeing and mental health. |
| 2.05 | Ms Neda Dusevic | A comprehensive framework for the evaluation of a specialist clinical mental health service: A cross-cultural journey. |
| 2.25 | Dr Davina French | Quality of life: A short measure of mental health outcome in cognitive behaviour therapy. |
| 2.45 | Ms Victoria Croker | Valuing different treatments for schizophrenia using the Australian general population. |

1.45 pm

2C: Health Outcomes for Particular Population Groups: Children and Youth (Lake Huron)

Chair: Professor Ulrike Ravens-Sieberer, Robert Koch Institut, Berlin.

- | | | |
|------|-------------------------|--|
| 1.45 | Mr Gerry Cleary | Strategic policy framework: Improving health outcomes for children and young people. |
| 2.05 | Ms Marilyn Chew | The Early Intervention for Safe and Healthy Families Initiative: Improving health outcomes for vulnerable children and families. |
| 2.25 | Ms Louisa Salmon | Paediatric HRQoL tools in Australian clinical and community applications. |
| 2.45 | Mr Robert Tait | Validity of the General Health Questionnaire 12 in Young Adolescents. |

1.45 pm

2D: Discussion Group: The Clinical Support Systems Program – Doctors Driving Change (Lake Nyanza/Geneva)

Chair: Ms Susan Garner, Priorities and Quality Branch, Department of Health and Ageing.

Panel: Mr Paul Long, Director, Clinical Support Systems Program, Royal Australasian College of Physicians; Dr Robin Mortimer, President, Royal Australasian College of Physicians; Ms Jenni Leigh, Principal Evaluator, KPMG Consulting Pty Ltd.

- | | | |
|------|--|---|
| 1.45 | Joint presentation by panel members | Safer systems for clinicians and consumers. |
| 2.30 | Discussion | |

3.15 – 3.40 Afternoon Tea

3.40 pm

3A: Health Outcomes and General Practice (Lake Superior)

Chair: Professor Paul Glasziou, School of Population Health, University of Queensland

- 3.40 **Ms Libby Kalucy** Divisions of General Practice and outcomes-based funding: The challenge of measuring outcomes of organisations.
- 4.00 **Dr Andrew Magennis** The role of clinical software in changing a doctor's behaviour, monitoring population health and improving patient outcomes.
- 4.20 **Ms Joan Burns & Mr Gawaine Powell Davies** Making it better: Using outcomes data for quality improvement in General Practice.
- 4.40 **Assoc Prof Helena Britt** The prevalence of cardiovascular disease in general practice patients.

3.40 pm

3B: Health Outcomes for Particular Population Groups: Women (Lake Michigan)

Chair: Dr Judy Straton, Strategic Planning Branch, Department of Health and Ageing.

- 3.40 **Prof Christina Lee** Women's Health Australia, seven years on: Contributions to the evidence base for health outcome policy and practice.
- 4.00 **Dr Julie Byles** A good night's sleep: Sleeping difficulty and sleeping medication use among older Australian women.
- 4.20 **Prof Wendy Brown** Keeping diabetes under control: Using record linkage to evaluate health care and health outcomes for women with diabetes.
- 4.40 **Ms Jennifer Kelly** Invisible women: Lesbians and the health care system.

3.40 pm

3C: Health Outcomes: Cancer (Lake Huron)

Chair: Dr Bruce Shadbolt, Centre for Advances in Epidemiology and Information Technology.

- 3.40 **Ms Margaret Staples** Developing a clinical core data set for cancer.
- 4.00 **Dr Linda Reaby & Ms Jo Cockwill** A model for consumer-scientist collaboration in clinical trials research.
- 4.20 **Dr James Semmens** A review of trends and outcomes for ovarian cancer in WA (1982-1998): A population-based study.
- 4.40 **Assoc Prof Frank May** Towards improvements in outcomes from individual decisions relating to use of the prostate specific antigen test for screening purposes.

5.15 End of Day 1

7.30 CONFERENCE DINNER

THURSDAY 18 JULY 2002

(Lake Superior)

Chair: Professor David Ellwood, Canberra Clinical School.

Keynote Address:

- 8.45 **Dr Ulrike Ravens-Sieberer**, Robert Koch Institut, Berlin (Germany).
The challenge of assessing the health-related quality of life of children.

PLENARY (Lake Superior)

9.20 Health Outcomes: Measurement and Related Issues

Chair: Professor Paul Gatenby, Australian National University Medical School.

- 9.20 **Dr Pim Kuipers & Dr Michele Foster** The incorporation of environmental variables in outcome measurement: A current challenge and future frontier.
- 9.40 **Ms Robin Smith & Dr Peteris Darzins** Measuring outcomes of rehabilitation - a conceptual framework and possible tools.
- 10.00 **Ms Madeleine King** Item Response Theory: Applications to health outcomes measurement.
- 10.20 **Prof Jeff Richardson** Does increasing the doctor supply increase mortality?

10.50 - 11.20 Morning Tea

11.20 am

4A: Health Outcomes and Hospital Quality Issues (Lake Superior)

Chair: Dr Anthony Oldfield, The Canberra Hospital.

- 11.20 Assoc Prof David Fonda** The Bridging Project: Improving staff and patient outcomes for hospitalised older medical patients with psychiatric comorbidity.
- 11.40 Mr Robert Cook** Research in action: Bridging the gap between policy and practice in aggression management.
- 12.00 Prof George Rubin & Mr William Schofield** Appropriateness criteria and platelet, fresh frozen plasma and cryoprecipitate transfusions in NSW public hospitals.
- 12.20 Dr John Gowardman** Early removal of central venous catheters in a general and cardio-thoracic ICU to reduce intravenous catheter sepsis.

11.20 am

4B: Health Outcomes and the Evaluation and Management of Continence Conditions (Lake Michigan)

This session is sponsored by the Community Care Branch, Department of Health and Ageing.

Chair: Ms Anne McNeill, Community Care Branch, Department of Health and Ageing.

- 11.20 Prof John McCallum** Improved continence services and outcomes through evaluation.
- 11.40 Ms Janette Green** The effect of incontinence on outcomes in sub-acute care.
- 12.00 Assoc Prof Kate Moore** Development of a framework for economic and cost evaluation for continence conditions.
- 12.20 Prof Wendy Brown** Women's waterworks: Evidence base for the development of continence management programs in Australia.

11.20 am

4C: Health Outcomes: CVD/Stroke and Asthma (Lake Huron)

This session is sponsored by The Pharmaceutical Alliance.

Chair: Mr Bill Montgomery, Eli Lilly Australia.

- 11.20 Dr Velandai Srikanth** Dementia one year after first ever stroke: A longitudinal comparison of community based cases and matched controls.
- 11.40 Dr Megan Passey** Can we do it to? Evaluating 'best practice' in cardiac rehabilitation in rural Australia.
- 12.00 Ms Joan Henderson** Asthma management in general practice in Australia.
- 12.20 Dr Rod O'Connor** Changing from passive to dynamic measures: Future tests representing the models of health related behaviour that might prevent disease.

11.20 am

4D: Data Analysis and Measurement Issues (Lake Nyanza/Geneva)

Chair: Ms Sally Rubenach, Population Health Research Centre, ACT Department of Health, Housing and Community Care.

- 11.20 Mr David Banham** Identifying Depression as a Comorbid Condition (IDACC) Study: Depressive symptoms three months after admission for a cardiac condition.
- 11.40 Prof Mark Harris & Ms Susie Purcell** Illicit Drug Shared Care Project: Methods used for evaluating illicit drug shared care.
- 12.00 Dr Peter Christen** High-performance computing techniques for record linkage.
- 12.20 Dr Colleen Norris (Canada)** Dealing with missing data in observational health care outcome analysis.

12.45 - 1.30 Lunch

12.45 - 1.30 Poster Presentations (Lake Hakone)

PLENARY (Lake Superior)

1.30 Health Outcomes and Health System Perspectives and Issues

Chair: Dr George van der Heide, Priorities and Quality Branch, Department of Health and Ageing.

- 1.30 Ms Natalie Baig & Ms Margaret Bright** Social determinants, indicators, data sets and organisational change: A snapshot of current initiatives in Queensland Health.
- 1.50 Dr Charles Pain** From health outcomes to clinical governance: Delivering the goods?
- 2.10 Dr Chinna Kannapiran** Strategic Investment and Resource Allocation Model (SIRAM): Preventing and managing preventable chronic diseases in the Northern Territory.
- 2.30 Ms Mary McDonald** Better health care for Aboriginal and Torres Strait Islander Australians.

3.00 - 3.20 Afternoon Tea

3.20 pm

5A: Challenges: Achieving Better Health Outcomes in Policy and Practice (Lake Superior)

Chair: Ms Jonette McDonnell, Priorities and Quality Branch, Department of Health and Ageing.

- 3.20 Ms Cecily Barrack & Ms Libby Holden** A rural perspective on clinical indicators.
- 3.40 Ms Jesia Berry** Consumers' perceptions of safety in hospitals and general practice: A South Australian survey.
- 4.00 Ms Lorna MacLellan** Improving outcomes with a new level of healthcare.
- 4.20 Ms Carmel Edwards** A project to improve the scientific review of multi-centre clinical drug trials by NSW Health Human Research Ethics Committees.

3.20 pm

5B: Health Outcomes, Diabetes and Chronic Disease Management (Lake Michigan)

Chair: Mr Roy Harvey, Centre for Health Service Development, University of Wollongong.

- 3.20 Dr Peter Lewis** Central Coast Diabetes Evaluation Study.
- 3.40 Dr Farideh Tahbaz (Iran)** Quality of life of adult patients with Type 1 diabetes in relation to their diabetes history and anthropometric measurements.
- 4.00 Ms Mignon Markwick & Ms Marion Reece** The development and use of a generic assessment tool for chronic disease self management.
- 4.20 Dr Anne-Marie Feyer** Frameworks for service evaluation in the context of the National Evaluation of the Sharing Health Care Initiative - a pragmatic approach.

3.20 pm

5C: Data Sets and Analysis (Lake Huron)

Chair: Dr Bruce Shadbolt, Centre for Advances in Epidemiology and Information Technology.

- 3.20 Ms Lorna Rosenwax** Prevalence of low back pain in relation to demographic, physiological and lifestyle factors.
- 3.40 Ms Elizabeth Lew** Patient profiling: Risk management and resource allocation.
- 4.00 Mr Linc Thurecht & Ms Agnes Walker** Socioeconomic, distributional, health and spatial characteristics of NSW hospital users: 1998-1999.
- 4.20 Dr Mahnaz Fanaian** The impact of comorbidity on the hospitalisation cost for a private health fund in Australia.

4.55 END OF CONFERENCE

Pre Conference Workshops

Tuesday, 16 July 2002 Rydges Lakeside, Canberra

MORNING

1. Health Outcomes: An Introduction and Overview

Presenters:

Ms Jan Sansoni, Australian Health Outcomes Collaboration.

Dr Bruce Shadbolt, Centre for Advances in Epidemiology and Information Technology.


Target: For those not so familiar with health outcomes evaluation. The workshop also provides a useful background to the workshops to 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. Dr Bruce Shadbolt will provide some examples of health outcomes assessment in clinical practice.

Cost: (\$170+GST) \$187  **Time: Tuesday, 16 July 2002, 9.00-12.30pm***

*Please note earlier start time

2. Improving Outcomes through Self Management Initiatives: The Chronic Condition Self Management Education Module.

(An overview of the training program for General Practitioners, Nurses, Allied Health Professionals and Aboriginal Health Workers)

Presenters:

Ms Marion Reece; Dr Malcolm Battersby and Ms Mignon Markwick, Flinders University Coordinated Care Training Unit, South Australia.

The Sharing Health Care Chronic Condition Self-Management Module has been a project of the Sharing Health Care Initiative. Components of the Module were developed from the lessons of the first round of Coordinated Care Trials, where it was noted that whilst some individuals were good

self-managers (despite the severity of their condition) there were others who were not able to self-manage well. The Coordinated Care Training Unit developed the Education Module, which can be presented in a number of formats including a three hour overview. The overview will be the focus for this workshop.

The overview describes how patients can be assessed for their self-management status and how this is translated into a Care Plan, based on a patient-centred approach in partnership with the GP, the patient and other health professionals.

To identify their self-management status the patient completes the Partners in Health 9-point scale (using the six principles of self-management, which will be described in detail during the workshop) whilst the health professional, with the patient, uses the 'Cue & Response' interview to identify the self-management issues. Patients then identify what they see as their main problem (using a Problems and Goals Assessment). Medium term, realistic and achievable goals are set, leading into the development of a Care Plan (utilising the EPC item numbers).

The use of a service coordinator in this process (including the monitoring of the Care Plan) has been shown to improve the effectiveness of behaviourally-based interventions. This results in making access to interventions or strategies more cohesive, leading to improved health outcomes, better management of the patient's condition and improved collaboration with the health system for individuals with long standing chronic conditions.

An overview of the Sharing Health Care Education Module will be demonstrated, using the tools described above.

Cost: (\$170+GST) \$187  **Time: Tuesday, 16 July 2002, 9.15-12.30pm**

3. Health-related Quality of Life in Children and Youth

Presenter:

Dr Ulrike Ravens-Sieberer, Head Child & Adolescent Health
Robert Koch Institut, Berlin.

While quality of life research in adults has progressed substantially over the past fifteen years, health-related quality of life in children has only recently been addressed. QOL research in children is necessary because children, as well as adults, can be confronted with disease and treatment. It is important to know how children feel and how treatment can be optimised. Children can also experience substantial stress when other family members suffer from disease, and this needs to be assessed. Lastly, epidemiological research has so far neglected living conditions that might be detrimental to the health-related quality of life of children; exceptions are a few studies published in the area of public health and clinical psychology.

Reflections on how to assess quality of life in children also bear on the focus of such assessment. Basically, there are three dimensions to quality of life assessment in children. The first concerns the specificity of assessment intended. Disease specific assessments aim at substantial and comprehensive

analyses of the health-related quality of life of children suffering from specific chronic conditions. In contrast, generic assessment focuses on relevant aspects of children's perceived health independent of the actual medical condition of the child. A second dimension concerns the type of assessment intended, i.e. the use of questionnaires or interviews or of observational methods. The questionnaire method is usually favoured for the economy of its use, as well as the psychometric quality criteria, which include reliability, validity and sensitivity. Finally, and most critically, is the dimension of who assesses the quality of life of children. In general, expert ratings (that is, the external observation of children's quality of life) have been favoured; however, the essence of quality of life assessment is the self rating method. The question of whether and at what age children are able to report on their feelings has been intensively discussed, and in principal self report has been deemed attainable under the condition that an instrument corresponding to the child's comprehension abilities can be chosen.

This workshop reviews the state of the art of quality of life assessment in children/adolescents as it relates to the underlying concepts; the instruments available; and application in research and practice. Presentation will include a comprehensive literature review, demonstration of instruments as well as their computer assisted versions, and a thorough evaluation of the evidence of their use in clinical studies and patient care. Generic as well as disease-specific measures (e.g. asthma, diabetes, epilepsy, rheumatoid arthritis) will be focussed on. The material presented will profit from results of recent discussions within an international expert group, collaborating in two large European Community funded projects on "Quality of Life of Children with Disabilities (DISABKIDS)" and "Assessing Health Related Quality of Life in Representative Samples of European Children (KIDSCREEN)."

Cost: (\$170+GST) \$187  Time: Tuesday, 16 July 2002, 9.15-12.30pm

AFTERNOON

4. National Health Performance Framework: Consumer Perspectives

Presenters:

Ms Susan Garner and Mr George van der Heide, Priorities and Quality Branch, Department of Health and Ageing.

Target: People working in areas of policy and program development, health care providers and managers, health consumers.

This workshop will be a highly interactive session for participants. Key performance measures against the domains of third tier of the National Health Performance Framework - "Health Sector Performance" - will be explored, with a particular emphasis on national health priority areas and consumer issues. The overarching issues of quality and equity, as well as consideration of the domains of access, responsiveness, safety and so on, will be examined with the aim of working out how to develop a set of useful performance measures against this tier of the framework.

Cost: (\$170+GST) \$187  Time: Tuesday, 16 July 2002, 1.30-5.00pm

5. Measuring Health Outcomes in General Practice: Applications to Chronic and Acute Care.

Presenters:

Mr Gawaine Powell Davies and Ms Joan Burns, Centre for GP Integration Studies, University of NSW.

Professor Justin Beilby, Department of General Practice, University of Adelaide.

There is considerable interest in measuring outcomes in general practice for a number of disease and treatment categories and in using these findings for a number of purposes, including quality improvement for GP care and developing effective policy and programs. There is now enough experience to know that this is a promising approach, but there are many practical and conceptual difficulties in implementing this approach in practice. This workshop will draw on the experience of the presenters in using health outcomes data in the areas of diabetes care and antibiotic use to work through some of the critical issues which arise in measuring and using outcomes in general practice.

The workshop will explore problems relating to defining data items and developing the systems to collect the data. It will look at ways of engaging GPs, practices and Divisions as well as methods of dealing with questions of ethics and privacy. It will also explore the final challenge: having collected the data, how can these be used for practical benefit?

The workshop will provide insights from both acute care (anti-biotic prescribing) and chronic care (diabetes).

Cost: (\$170+GST) \$187  **Time: Tuesday, 16 July 2002, 1.30-5.00pm**

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

Presenter:

Ms Madeleine King, Centre for Health Economics Research and Evaluation (CHERE).

Interpreting the clinical significance of outcomes observed on health-related quality of life (HR-QoL) scales is problematic because their units of measurement are unfamiliar to policy makers, quality assurance assessment teams, clinicians and researchers alike. A number of approaches may be used to invest HR-QoL scores with meaning, and to determine the size of a clinically meaningful difference or change in scores. Some methods are appropriate for understanding an individual patient's scores, and others are appropriate for interpreting group-based research results. This workshop will review, critique and compare the methods.

Cost: (\$170+GST) \$187  **Time: Tuesday, 16 July 2002, 1.30-5.00pm**

Note:

The discounted cost for two workshops is \$308.00 (\$280+GST). Workshop registration includes lunch, served between 12.30 and 1.30.

Conference Details

CONFERENCE VENUE

Rydges Lakeside,
London Circuit, Canberra, ACT 2600
Tel: 02 6247 6244
Fax: 02 6257 3071

CANCELLATION POLICY

Cancellation of registration before close of business 17 June 2002 will attract full refund of monies paid minus a \$55.00 penalty 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.**

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 3 June 2002.*

CONFERENCE DINNER

The Conference Dinner will be held at 7.30 pm Wednesday, 17 July. The cost of the dinner is \$66.00 (\$60+GST), and is not included in the registration fee.

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

Email: lorna.tilley@act.gov.au

Postal Address: Health Outcomes Conference Secretariat,
Bldg 8, The Canberra Hospital, PO Box 11, WODEN ACT
2606 AUSTRALIA

Website: www.health.act.gov.au/ahoc

Conference Travel & Accommodation Packages

Conference Agent:



Contact Details: Dana Farran & Jodie McIntyre, Flight Centre Groups,
Shop 9, 451 St Kilda Rd, Melbourne, VIC 3004
Tel: (03) 9865 4240 Fax: (03) 9865 4250 Toll Free: 1300 301 900
Email: dana_farran.vic@flightcentre.com

Accommodation packages at Rydges Lakeside (Conference Venue) - * Single Room, including breakfast, \$147 per night. Twin Room, including breakfast, \$162 per night. We will book the best airfare on the day depending on your requirements. Please see some options below.

Airfares	For 3 or more nights/14 day advance purchase						
From	Perth	Adelaide	Sydney	Melbourne	Darwin	Brisbane	Hobart
To Canberra	\$764.21	\$435.10	\$236.71	\$254.22	\$759.70	\$474.36	\$470.67

*Conditions: Non-refundable or transferable. Travel restrictions and conditions apply. Instant purchase airfare. Three nights or a Saturday night min. stay away.

Airfares	For 1 or 2 nights stay						
From	Perth	Adelaide	Sydney	Melbourne	Darwin	Brisbane	Hobart
To Canberra	\$1112.96	\$764.88	\$313.49	\$408.00	\$1284.75	\$628.14	\$690.23

*Conditions: No advance purchase on airfare. Non-transferable. Travel restrictions & special conditions apply. Instant purchase airfare, electronic tickets only.

Travel Insurance - We highly recommend travel insurance for all travel. Cost for Cover More Plan F single policy is \$26.00 per person.

*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 flight itinerary and currency fluctuations. All prices are quoted per person.

CALL 1300 301 900

 **FLIGHT CENTRE**
WORLD'S NO. 1 DISCOUNT FLIGHT SPECIALISTS

Health Outcomes 2002: Current Challenges and Future Frontiers

8th Annual National Conference on Health Outcomes

17-18 July 2002, Rydges Lakeside, Canberra
Convened by the Australian Health Outcomes Collaboration

REGISTRATION FORM

DELEGATE DETAILS

Name
 and Title:

Organisation:

Mail Address:

Telephone:

Fax:

Email:

PRE CONFERENCE WORKSHOPS (16 July 2002)

Please circle your preferred workshop(s).

Morning: 1 2 3

Afternoon: 4 5 6

CONFERENCE DINNER

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:

Corporate/Multiple Applicants Discounts *

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

Conference Attendance

Both days 17 July only 18 July only

REGISTRATION DETAILS Amount Owing

Please write amount due in boxes on right

Early Bird Registration (prior to 15 June 2002)

Two days (\$520 + GST)	\$572.00	<input type="text"/>
One day (\$290 + GST)	\$319.00	<input type="text"/>

Standard Registration

Two days (\$550 + GST)	\$605.00	<input type="text"/>
One day (\$310 + GST)	\$341.00	<input type="text"/>

Corporate Discounts*

Number attending POA

Full time Students

Two days (\$260 + GST)	\$308.00	<input type="text"/>
------------------------	----------	----------------------

Workshops

1 workshop (\$170 + GST)	\$187.00	<input type="text"/>
2 workshops (\$280 + GST)	\$308.00	<input type="text"/>

Conference Dinner

Per person (\$60 + GST)	\$66.00	<input type="text"/>
-------------------------	---------	----------------------

TOTAL AMOUNT OWING

Invoice Required? Yes No

Cheques should be made payable to: Health Outcomes Conference 2002 and addressed to Health Outcomes Conference Secretariat, Bldg 8, The Canberra Hospital, PO BOX 11, WODEN ACT 2606, AUSTRALIA

Enquiries : The Health Outcomes Conference Secretariat, att: Lorna Tilley, Bldg 8, PO Box 11, WODEN ACT 2606 AUSTRALIA **Tel:** 02 6205 0869 **Fax:** 02 6244 4201 **Email:** lorna.tilley@act.gov.au