The aim of the Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM) is to improve the effectiveness of nursing and midwifery practice and in turn achieve improved health care outcomes. The activities detailed in the annual report for 2000/2001 are designed to achieve these aims. Each activity is linked to others in a concerted strategy.

Evidence Based Research

The process begins with establishing the best available evidence. Systematic Reviews are conducted by JBIEBNM and the focus of these reviews is determined by the needs of the membership. Additional research activities are conducted to examine the processes that are evidence based practice.

Dissemination of the Evidence

Once highlighted the evidence must be disseminated to those that conduct health care. A range of strategies are employed as no one method will meet the access needs of all those who would use the information. JBIEBNM information is disseminated in a variety of print and electronic forms in both a broad and targeted fashion.

Implementation of the Evidence

To simply be exposed to information is not enough to create change. The users of evidence based research require support in developing systems to achieve sustained change in clinical practice. JBIEBNM works directly with health care providers through corporate membership to achieve the aims of the evidence based approach.

The structure of this annual report reflects the nature of evidence based health care and therefore activities are grouped under the headings of research, dissemination and implementation. All the JBIEBNM activities are conducted in partnership between collaborating centres, members of the institute and individuals determined to further the evidence based approach. The annual report is therefore evidence of the achievements of the entire collaboration in meeting the aims of The Joanna Briggs Institute for Evidence Based Nursing and Midwifery.
The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM) is now in its fifth year of operation. The year 2000/2001 has been one of considerable expansion in a number of areas. This is perhaps indicative of the increasing acceptance that health care should be based on the best available evidence of effectiveness. As a result there has been a significant increase in membership in both the corporate and individual sectors. JBIEBNM at June 2001 was providing services to 270 corporate members and 170 individuals.

Naturally the membership represents a diverse range of organisations involved in either directly providing or supporting the provision of health care. These organisations vary considerably in size from remote area hospitals with as few as 4 beds to metropolitan hospitals with in excess of 1200 beds. Focus of care covers the spectrum from general acute care, to residential aged care and community based health care. The membership is culturally diverse with an increasingly global representation. Meeting the specific needs of this diverse group is a constant challenge for the Collaborating Centres of JBIEBNM. In order to meet this challenge a number of initiatives have been put in place over the last year.

The aged care sector has received a significant boost with the establishment of the Australian Centre for Evidence Based Residential Aged Care. Professor Alan Pearson of LaTrobe University heads this Centre based at the Bundoora Extended Care Centre. As the Founding Director of the JBIEBNM Collaboration Professor Pearson’s experience means that the Centre has very quickly developed to meet the needs of the residential aged care sector.

The other major initiative to come to fruition in the last year is the establishment of the New South Wales Centre for Evidence Based Nursing and Midwifery. The State and National Centres provide an important focal point for corporate and individual members. For some time members in New South Wales have not had this focus and Professor Rhonda Griffiths and her team are therefore a very welcome addition to the collaboration. They come to JBIEBNM with an established reputation in all facets of evidence based practice. The success of these initiatives as with all activities of JBIEBNM is reliant on the continued support of the members of the Institute. The increase in support seen in the last year provides strong evidence that this success will continue in the future.

Dr Leslye Long
Chair of the Board of Management
The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM) is governed by a Board of Management appointed by, and accountable to, Royal Adelaide Hospital.

Board membership as at 30 June 2001 was as follows:

**Dr Leslye Long**  
Director of Nursing and Patient Care Services, Royal Adelaide Hospital (Chair)

**Associate Professor Kaye Challinger**  
Chief Executive Officer, Royal Adelaide Hospital

**Ms Rosemary Bryant**  
Executive Director, Royal College of Nursing, Australia

**Mr Rick Wiechula**  
Acting Director, The Joanna Briggs Institute for Evidence Based Nursing and Midwifery

**Dr Mary FitzGerald**  
Acting Head of Department, Department of Clinical Nursing, Adelaide University

**Ms Debra Pratt**  
Principal Nursing Advisor, South Australian Department of Human Services

**Professor Derek Frewin**  
Executive Dean, Faculty of Health Sciences and Dean of Medicine, Adelaide University

**Ms Lee Thomas**  
Australian Nursing Federation

**Professor Brendon Kearney**  
Executive Director, Statewide, Department of Human Services
The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM) is an international research network with headquarters in Adelaide, South Australia.

JBIEBNM operations are a collaboration of individual country or state based Centres for Evidence Based Nursing and Midwifery, with the Adelaide office serving as the state centre for South Australia.

The Aged Care Centre joined The Joanna Briggs Institute collaboration in 2001. This is the first specialist centre, catering specifically to promoting evidence based health care within residential aged care facilities.

Training, consulting and research activities are managed by the collaborating centres, with the Adelaide office acting as the coordinating headquarters.

To facilitate strategic planning and coordination of the Institute’s activities, Directors from all the collaborating centres meet biannually with Lead Centre staff. In the last year the Centre Directors’ meetings were held in November 2000 and April 2001.

Corporately, the JBIEBNM Lead Centre has coordinated symposia aimed at ensuring the ongoing quality of all JBIEBNM systematic reviews and evaluation cycles. Two symposia have been held in Adelaide in 2000/2001, with Centre Directors and affiliates attending from other state and overseas centres to discuss issues related to systematic review methodologies, development of recommendations, and methods of evaluation.
Management

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM) is controlled by the Board of Management. The Director manages daily operations of the collaboration and operations of the collaborating centres are managed by their Centre Directors.
Corporate Membership

The following list details the organisations that were corporate members as at 30 June 2001.

As members of The Joanna Briggs Institute, these organisations have made a commitment to evidence based health care, receiving information, examining their practice and implementing appropriate changes in their setting. The level of evidence based health care information provided and disseminated by The Joanna Briggs Institute is made possible by the support of these members.

The following organisations have been grouped by state or country as appropriate.

Australian Capital Territory

Calvary Hospital
Canberra Hospital Library
John James Memorial Hospital
Mayne Health:
  National Capital Private Hospital

Australia Wide

Australian College of Midwives

Hong Kong

Chinese University of Hong Kong - CENTRE
  Institute of Advanced Nursing Studies

New Zealand

Ascot Hospital
Ashburton & Community Health Services
Auckland Healthcare - CENTRE
  Bay of Plenty District Health Board
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<tr>
<th>Membership</th>
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<tr>
<td>Bowen Hospital Ltd</td>
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<td>Burwood Hospital</td>
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<tr>
<td>Capital and Coast Health Library</td>
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<td>Healthcare Otago</td>
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<td>Healthlink South Pty Ltd</td>
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<tr>
<td>Howick Baptist Healthcare</td>
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<tr>
<td>Lakeland Health</td>
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<tr>
<td>Manukau Institute of Technology Library</td>
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<tr>
<td>Mercy Hospital</td>
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<tr>
<td>Northbridge Hospital</td>
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<tr>
<td>Presbyterian Support Services</td>
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<tr>
<td>Private Life Care</td>
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<tr>
<td>South Auckland Health</td>
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<tr>
<td>UNITEC</td>
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<tr>
<td>Waitemata Health</td>
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<tr>
<td><strong>New South Wales</strong></td>
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<tr>
<td>Albury Wodonga Private Hospital</td>
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<tr>
<td>Aust Catholic University</td>
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<tr>
<td>Bulli District Hospital</td>
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<tr>
<td>Calvary Hospital Wagga Wagga Inc</td>
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<tr>
<td>Community of Lithgow Integrated Health Facility</td>
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<tr>
<td>Greater Murray Area Health Service Library</td>
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<td>Health Support Battalion</td>
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<tr>
<td>Hope Healthcare</td>
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<td>Lewisham Aged Care</td>
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<td>Liverpool Hospital - CENTRE</td>
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<td>Lottie Stewart Hospital</td>
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<td><strong>Mayne Health:</strong></td>
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<td>Armidale Private Hospital</td>
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<td>Castlecrag Private Hospital</td>
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<td>Nepean Private Hospital</td>
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<tr>
<td>North Gosford Private Hospital</td>
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<tr>
<td>Nowra Community Hospital</td>
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<tr>
<td>Port Macquarie Base Hospital</td>
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<td>Port Macquarie Private Hospital</td>
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<td>Prince of Wales Hospital</td>
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<td>St George Private Hospital &amp; Medical Centre</td>
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<td>Strathfield Private Hospital</td>
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<tr>
<td>The Hills Private Hospital</td>
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<td>Warners Bay Private Hospital</td>
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<td><strong>New England Area Health Service:</strong></td>
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<td>Armidale Hospital</td>
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<td>Emmaville Hospital</td>
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<td>Glenn Innes Hostel</td>
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<td>Gunnedah Hospital</td>
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<td>Guyra Hospital</td>
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<td>Inverell Hospital</td>
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<td>Warralda Hospital</td>
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<td>Wee Waa Hospital</td>
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<td>Werris Creek Hospital</td>
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**Northern Territory**

| Alice Springs Hospital                     | Northern Territory Community Care            |
|                                            | The Northern Territory University - CENTRE   |

**Queensland**

<p>| Bayside District Health Service           | Beaudesert Hospital                          |
| Beaudesert Lodge                          | Bindaree Lodge                               |
| Blue Care Library                         | Canossa Care Health and Residential Services |</p>
<table>
<thead>
<tr>
<th>Membership</th>
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<tbody>
<tr>
<td>Centre for Nursing Research, QUT</td>
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<tr>
<td>Cooloola Community Private Hospital</td>
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<tr>
<td>Dalby Health Service District</td>
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<tr>
<td>Good Shepherd Lodge</td>
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<tr>
<td>Gympie Hospital</td>
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<tr>
<td>Health Outcomes Unit Queensland Health</td>
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<tr>
<td>Mater Hospitals Bundaberg</td>
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<tr>
<td>Mater Misericordiae Hospital - CENTRE</td>
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<tr>
<td>Mayne Health:</td>
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<tr>
<td>Belmont Private Hospital</td>
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<tr>
<td>Caboolture Private Hospital</td>
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<tr>
<td>Logan Private Hospital</td>
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<tr>
<td>North West Private Hospital</td>
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<tr>
<td>St Andrews Private Hospital</td>
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<tr>
<td>Sunnybank Private Hospital</td>
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<tr>
<td>Andrea Ahern Private Hospital</td>
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<tr>
<td>Noosa Hospital</td>
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<tr>
<td>Selangor Private Hospital</td>
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<tr>
<td>Hillcrest Private Hospital</td>
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<tr>
<td>John Flynn Hospital &amp; Medical Centre</td>
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<tr>
<td>Miles Health Service District</td>
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<tr>
<td>Moranbah Health Service District</td>
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<tr>
<td>Prince Charles Hospital &amp; District Health Service</td>
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<tr>
<td>Redcliffe-Caboolture Health Service District</td>
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<tr>
<td>Redland Hospital, Bayside District Health</td>
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<tr>
<td>Rockhampton Hospital</td>
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<tr>
<td>Royal Childrens Hospital and District Health Service</td>
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<tr>
<td>St Andrew's War Memorial Hospital</td>
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<tr>
<td>St Lukes Nursing Service</td>
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<tr>
<td>University of Queensland Library</td>
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<tr>
<td>Wahroonga Retirement Village Hostel</td>
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<tr>
<td>Wesley Hospital</td>
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<tr>
<td>West Moreton District Health Services</td>
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<td>Singapore</td>
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<tr>
<td>Singapore General Hospital</td>
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<tr>
<td>South Australia</td>
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<tr>
<td>Adelaide University Barr Smith Library</td>
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<tr>
<td>Aldersgate Village/Nursing Home</td>
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<tr>
<td>Ashford Hospital</td>
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<tr>
<td>Booleroo Centre Hospital</td>
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<tr>
<td>Burnside War Memorial Hospital</td>
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<tr>
<td>Calvary Hospital Adelaide Inc</td>
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<tr>
<td>Campbelltown Nursing Home</td>
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<tr>
<td>Ceduna Hospital Inc</td>
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<tr>
<td>Crystal Brook District Hospital Inc</td>
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<tr>
<td>Eastern Eyre Health &amp; Aged Care</td>
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<tr>
<td>Flinders Medical Centre</td>
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<tr>
<td>Hamley Bridge Hospital</td>
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<td>Julia Farr Centre</td>
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</table>
Karoonda & District Soldiers Memorial Inc
Keith & District Hospital Inc
Kingston Soldiers’ Memorial Hospital Inc
Laura & District Hospital Inc
LHI Retirement Services
Lower Eyre Health Service
Memorial Hospital
Millicent & District Hospital & Health Service Inc
MINDA Incorporated
Modbury Public Hospital
Mt Gambier & Districts Health Service Inc
Noarlunga Health Services and Private Hospital
North Western Adelaide Health Service:
  Lyell McEwin Health Service
  Northern Domiciliary Care
  Northern Mental Health
  Oakden Aged Care Services
  Pregnancy Advisory Service
  Queen Elizabeth Hospital
  Tregenza Avenue Aged Care Service
  Western Domiciliary Care
  Western Mental Health
  Pika Wiya Health Service Inc
  Port Adelaide Central Mission, Wesley House
  Port Augusta Hospital and Health Service Inc

Port Broughton District Hospital & Health Service Inc
Port Lincoln Health & Hospital Services Inc
Port Pirie Regional Health Service
Quorn & District Memorial Hospital Inc
Repatriation General Hospital
Riverland Health Service:
  Loxton Hospital Complex Inc
  Waikerie Hospital & Health Services Inc
  Renmark Paringa Hospital
Royal Adelaide Hospital - CENTRE
Salvation Army Aged Care Services
St Margaret's Hospital Inc
St Martin's Aged Care Facility
Southern Cross Nursing Home - Lourdes Valley
University of South Australia Library
Western Hospital Inc
Whyalla Hospital & Health Service Inc
Women's and Children's Hospital

Tasmania

Mayne Health:
  Mersey Community Hospital
North West Regional Hospital
West Coast Health & Community Services
Membership

United States of America
Case Western Reserve University

Victoria
Alpine Health
Austin & Repatriation Medical Centre - Library
Ballarat Health Services
Beaufort & Skipton Health Service
Bodalla Aged Care Service
Brighton Rehabilitation Centre
Bundoora Extended Care Centre - SPECIALIST CENTRE
Freemasons Hospital
Hamilton Base Hospital
Hepburn Health Service
Heywood & District Memorial Hospital
Jessie McPherson Private Hospital
Kiverton Park Nursing Home
Management Advantage
Manningham Centre Association Inc
Mayne Health:
  Cotham Private Hospital
  Frances Perry House
  John Fawkner Hospital
  Linacre Private Hospital
  Melbourne Private Hospital
  Shepparton Private Hospital
  Sunbury Private Hospital
The Geelong Private Hospital
Wangaratta Private Hospital
Warringal Private Hospital
Waverley Private Hospital
Mt Alexander Hospital
Murray Valley Private Hospital
Old Colonists' Association Victoria
Portland and District Hospital
Robinvale District Health Service
Royal District Nursing Service - Library
Rural Northwest Health
Smith & Nephew Pty Ltd
Swan Hill District Hospital - Library
Tallangatta District Nursing Service
Tallangatta Hospital
University of Melbourne - STATE CENTRE
Upper Murray Health & Community Services
Wangaratta District Base Hospital
West Gippsland Healthcare Group

Western Australia
Carnarvon Regional Hospital
Central Great Southern Health Service, Katanning Hospital
Curtin University of Technology - CENTRE
Individual Membership

In addition, The Joanna Briggs Institute Lead Centre distributes evidence based health care information direct to 170 individual members from a wide range of countries as listed below.

- Canada
- Denmark
- Indonesia
- Australia
- New Zealand
- Norfolk Island
- Hong Kong
- Saudi Arabia
- Singapore
- Spain
- Sweden
- Switzerland
- United Kingdom
- United States of America
The Collaboration recognises that the implementation of best practice information is reliant on: access to the information, effecting a change in culture that recognises the value of the evidence based health care (EBHC) approach, and provision of mechanisms to facilitate change. To this end the Collaboration is committed to a range of educational and promotional activities highlighting the worth of the approach and equipping clinicians and organisations to effectively participate in the process.

New South Wales Centre

The New South Wales Centre for Evidence Based Nursing and Midwifery, a joint undertaking between JBIEBNM, University of Western Sydney Macarthur and South Western Sydney Area Health Service was successfully launched in March 2001. The New South Wales Centre will provide a local point of contact for corporate and individual members in New South Wales and represents a significant gain in establishing JBIEBNM across Australia.

ACEBRAC

The Australian Centre for Evidence Based Residential Aged Care (ACEBRAC) is based at Bundoora Extended Care Centre and LaTrobe University. ACEBRAC (the first JBIEBNM specialist centre) aims to provide a greater focus on needs within residential aged care, and to this effect have commenced systematic reviews on topics related to quality of life and effectiveness in nursing care. A formal launch is scheduled for early in 2002.
The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM) conducts a range of evidence based research activities designed to provide health professionals with high quality best practice information and to evaluate the impact of that information.

All publications developed through JBIEBNM are subject to widespread peer review and critical appraisal by state and specialist centres throughout the collaboration.
Systematic Reviews

Systematic Reviews are the cornerstone of the evidence based approach to health care. Review topics arise from mechanisms put in place by the Collaboration to ensure that the areas of practice that are reviewed are a priority for health care professionals. The most significant source of review topics is by way of the Professional Advisory Forums that have been put in place by each of the collaborating centres.

Of the six Systematic Reviews published by JBI EBNM during 2000/2001 three were produced in association with the Department of Clinical Nursing Doctoral candidates. These topics reflect each Doctoral candidate’s research agenda.

Suctioning Adults with an Artificial Airway

A Systematic Review, Number 9
ISBN: 0-9577796-5-8

Reviewer
Lorraine Thompson

Review Panel
Dr Randall Morton, Ms Sid Cuthbertson, Mr John McArthur, Dr Les Galler, Ms Stephanie Brown, Ms Vivienne Pearce, Ms Tracy Grant, Ms Charmaine Munro, Ms Johanna Marshall, Ms Mata Forbes
The Effectiveness of Mechanical Compression Devices in Attaining Hemostasis after Removal of a Femoral Sheath following Femoral Artery Cannulation for Cardiac Interventional Procedures

A Systematic Review, Number 10
ISBN: 0-9577796-7-4

Reviewer
Tina Jones

Review Panel
Doctor of Nursing Student, Department of Clinical Nursing, Adelaide University. This Systematic Review was peer reviewed by specialists in the relevant area.

The Effectiveness of Propofol versus Midazolam for the Sedation of Adult Ventilated Patients in Intensive Care Units (ICUs)

A Systematic Review, Number 11
ISBN: 0-9577796-8-2

Reviewer
Judy Magarey

Review Panel
Doctor of Nursing Student, Department of Clinical Nursing, Adelaide University. This Systematic Review was peer reviewed by specialists in the relevant area.
Maintaining Oral Hydration in Older People

A Systematic Review, Number 12

ISBN: 0-9577796-9-0

Reviewers
Brent Hodgkinson, David Evans and Jackie Wood

Review Panel
Ms Bronwyn Jones, Ms Julie Devey, Ms Margaret McLean, Ms Hillary Spacey, Mr Sam Goodes, Ms Viv Turner, Ms Raquel Kneebone

Post Harvest Management of Split Thickness Skin Graft Donor Sites

A Systematic Review, Number 13

ISBN: 0-9578276-0-1

Reviewer
Rick Wiechula

Review Panel
Doctor of Nursing Student, Department of Clinical Nursing, Adelaide University. This Systematic Review was peer reviewed by specialists in the relevant area.

Mr David Evans, Mr Brent Hodgkinson, Dr Mary FitzGerald, Dr Kenneth Walsh, Mr Andrew Jull, Ms Pam Sando, Associate Professor Rodney Cooter
The Nursing Management of Fever in Children

A Systematic Review, Number 14

ISBN: 0-9578276-1-X

Reviewers

Robin Watts, Jeanette Robertson, Gail Thomas and Review Panel

Review Panel

Ms Lorraine Shepherd, Ms Geraldine Carlton, Ms Brenda Simmons, Mr Alan Kuipers-Chan, Ms Shirley Woodger, Ms Elaine Pavlos, Ms Liz Prime, Ms Rebecca Coghla

Clinical Consultants

Dr Paul Carman, Dr P McGonigle
Evaluation Cycles

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM) aims to improve nursing care delivery through the promotion and dissemination of best practice information. JBIEBNM is committed to demonstrate the effectiveness of providing this information by way of multi-site clinical studies known as evaluation cycles.

These cycles are carried out in stages, initially involving the verification of current practice and patient outcomes, specific to the related topic being evaluated. Often this process is established and undertaken at a number of survey sites. The second stage of the evaluation cycle involves the implementation of the recommendations, which are outlined in the Best Practice Information Sheets, to the relevant clinicians and health care team throughout the various survey sites. The final stage, following a thorough implementation and dissemination of the recommendations, requires surveying all sites initially involved, with the objective to measure any changes in practice and with the aim to improve patient outcomes and expand the body of knowledge in nursing.

The following Evaluation Cycles are in progress.
Best Practice in the Management of Peripheral Intravascular Devices

Investigators

Professor Alan Pearson, Mr Rick Wiechula, Ms Ann Mitchell, Mr John McArthur, Professor Judith Parker, Professor Robin Watts, Professor Anne Chang.

Participant Institutions

Lead Centre, Queensland Centre, Victorian Centre, Western Australian Centre, New Zealand Centre
Royal Adelaide Hospital, Mater Misericordiae Health Services (Brisbane) Limited, Royal Melbourne, Royal Perth Hospital, Prince of Wales Hospital, Auckland Hospital, National Women’s Hospital, Greenlane Hospital

Intravenous devices are a common and integral part of hospital practice for the intravenous administration of fluid, nutrients, medications, blood products and to monitor patient’s haemodynamic profiles. The use of the intravenous device can be complicated by a variety of local or systemic infections. Catheter related infections, particularly catheter related blood stream infections, are associated with increased morbidity, mortality and prolonged length of hospital stay.

The study was designed to evaluate the impact of best practice information related to interventions for the management of peripheral intravenous devices. The study will build on previous studies in providing detail about the process of implementing best practice information.
Best Practice in the Management of Falls

Investigators

Professor Alan Pearson, Mr Rick Wiechula, Professor Anne Chang, Mr John McArthur, Ms Karen Lai

Participants

Lead Centre, Western Australian Centre, New Zealand Centre
Royal Adelaide Hospital, Prince of Wales Hospital, Auckland Hospital, Box Hill Hospital

It has been estimated that one third of people over 65 years of age suffer at least one fall per year, and patients in institutions have a higher rate of falls. The high incidence of falls has been attributed to many factors including, trauma, debilitating disease, environmental hazards, age, mental status, length of hospital stay and gender. The problem of falls in acute care has been well recognised but remains a significant problem.

This study, the third in the series examined the impact of best practice information on the prevention of falls.
Oral mucositis, also called stomatitis, is a common, debilitating complication of cancer chemotherapy and radiotherapy, occurring in about 40% of patients. It results from the systematic effects of cytotoxic chemotherapeutic agents and from the local effects of radiation to the oral mucosa. Oral mucositis is inflammation of the mucosa or the mouth and ranges from redness to severe ulceration. Symptoms of mucositis vary from pain and discomfort to an inability to tolerate food or fluids. Mucositis may also limit the patient’s ability to tolerate either chemotherapy or radiotherapy. Mucositis may be so severe as to delay treatment and so limit the effectiveness of cancer therapy. Patients with damaged oral mucosa and a reduced immunity resulting from chemotherapy and radiotherapy are also prone to opportunistic infection in the mouth. The mucositis may affect the patient’s gum and dental condition, speech and self esteem may also be reduced, further compromising patients’ responses to treatment and/or palliative care. It is therefore extremely important that mucositis be prevented whenever possible, or at least treated to reduce its severity and possible complications.

This study is the fourth in a series of multi-site projects examining the impact of best practice information and investigating the implementation process.
**Best Practice in the Management of Tracheal Suctioning of Adults with an Artificial Airway**

**Investigators**

Ms Ann McKillop, Ms Sidney Cuthbertson, Mr Rick Wiechula, Ms Marion Eckert, Professor Jennifer Watson, Ms Sue Mann

**Participants**

New Zealand Centre, Lead Centre, Northern Territory Centre

Auckland Hospital, Royal Adelaide Hospital, Royal Darwin Hospital, Middlemore Hospital, Greenlane Hospital

Tracheostomy and endo-tracheal intubation are major procedures that some patients undergo as part of their stay in hospital. Managing such artificial airways can have a direct impact upon the outcomes experienced by the patient. Tracheostomy or endo-tracheal intubation, unless managed appropriately, can have direct implications for the patients' length of stay, complication development, mortality and morbidity rates. There has been to date very little research evidence to guide practitioners in the effectiveness of the care provided for patients with an artificial airway (endo-tracheal tube or tracheostomy) and much care has been influenced by rituals or trial and error experience.

One of the major procedures in caring for a patient who has an artificial airway (endo-tracheal tube or tracheostomy) is suctioning the airway to maintain its patency and to clear the tracheo-bronchial tree of secretions. Patients who have an artificial airway frequently have difficulty in being able to cough effectively as the presence of an artificial airway can interfere with the normal mechanisms for removing respiratory tract secretions. This procedure is not without risk, as it has the potential to create further complications in already critically ill patients. Tracheal suctioning is therefore an important intervention in caring for patient with an artificial airway, yet the practice surrounding suctioning of artificial airways can vary widely between institutions and practitioners, with much of the practice based on anecdotal and routine rather than research.

This survey seeks to evaluate the use of best practice information and investigate the implementation process.
Best Practice Information Sheets

Best Practice: Evidence Based Practice Information Sheets for Health Professionals is published by Blackwell Science-Asia. The series compliments the systematic reviews published by The Joanna Briggs Institute and others and is aimed at base level clinicians. The series is distributed widely throughout Australia, New Zealand and Hong Kong via high circulation journals:

- Australian Journal of Rural Health
- The Australian Nursing Journal
- The Collegian
- Health & Community Services Union
- International Journal of Nursing Practice
- Kai Tiaki – Nursing New Zealand
- nursing.aust

Circulation via journal inserts has increased from quarterly to bi-monthly in 2001.

In addition, Best Practice Information Sheets along with the source Systematic Review, if published by the Institute, are provided directly to health care institutions and individuals who are members of the Institute.

The following Best Practice Information Sheets have been released from July 2000 to June 2001.
Dissemination

Tracheal Suctioning of Adults with an Artificial Airway
Volume 4 Issue 4, 2000
ISSN 1329-1874
Released August 2000
Printed 102,000

Information Source
Thomson L. 2000, Suctioning Adults with an Artificial Airway, A Systematic Review No. 9, JBI EBNM, Adelaide.

The Administration and Supply of Medications by Registered Nurses in Rural and Remote Areas
Volume 4 Issue 5, 2000
ISSN 1329-1874
Released November 2000
Printed 10,000

Information Source
The following sources were used to guide panel opinion:
Queensland Nursing Council, 1998, Final report of the Scope of Nursing Practice Project, Brisbane
Queensland Health & Royal Flying Doctor service of Australia (Qld), 1998, Primary Clinical Care Manual, Queensland Health, Brisbane
Queensland Health, 1997, Drug Therapy Protocols, Isolated Practice
Queensland Health, 1997, Health (Drugs and Poisons) regulation 1996
Dissemination

Knowledge Retention from Pre-operative Patient Information

Volume 4 Issue 6, 2000
ISSN 1329-1874
Released November 2000
Printed 102,000

Information Source

Maintaining Oral Hydration in Older People

Volume 5 Issue 1, 2001
ISSN 1329-1874
Released March 2001
Printed 102,000

Information Source
Graduated Compression Stockings for the Prevention of Post-operative Venous Thromboembolism

Volume 5 Issue 2, 2001
ISSN 1329-1874
Released May 2001
Printed 100,000

Information Source


Smoking Cessation Interventions and Strategies

Volume 5 Issue 3, 2001
ISSN 1329-1874
Released July 2001
Printed 110,000

Information Source

Wiechula R and Lockwood C. 2000, Smoking Cessation Interventions and Strategies for Hospitalised Patients: *An Evidence Based Integrative Review* commissioned by Mr Andrew Zoerner, Director, Health Promotion Unit, Royal Adelaide Hospital with initial funding from the Anti-Tobacco Ministerial Advisory Taskforce.
Changing Practice

The Series *Changing Practice* has been designed to support health professionals wishing to implement evidence based practice and to complement The Joanna Briggs Institute series *Best Practice*.

Two issues of *Changing Practice* have been made available to the public and members on the JBIEBNM web site.

This series has been designed to be available in an electronic format only.

Appraising Systematic Reviews

**Volume 1 Issue 1, 2000**


Developed by Mr David Evans, JBIEBNM, Adelaide and Professor Anne Chang of The Hong Kong Centre for Evidence Based Nursing and Midwifery (A Collaborating Centre of The Joanna Briggs Institute).

An Introduction to Systematic Reviews

**Volume 2 Issue 1, 2001**


Developed by Mr David Evans, JBIEBNM, Adelaide and peer reviewed by The Joanna Briggs Institute Collaborating Centres.
Web Site

http://www.joannabriggs.edu.au

Staff at the Lead Centre in Adelaide maintain The Joanna Briggs Institute web site.

The Joanna Briggs Institute web site at http://www.joannabriggs.edu.au operates as both the international public face of JBIEBNM and as a valuable electronic archive of JBIEBNM publications available to members.

The public area allows free access to electronic copies of our Best Practice Information Sheets, Systematic Review extracts and protocols, the Changing Practice series, membership information, links, and two popular public bulletin boards - the "Notice Board" and "Research Room".

Collaborating Centres of the Institute have their own pages through which newsletters and items of local interest are published.

Corporate and Individual Members of the Institute can also access the password protected Member’s area which includes full electronic copies of all Systematic Reviews produced by JBIEBNM and completed Best Practice Information Sheets not yet published by Blackwell Science-Asia. New to the member’s area are the on line clinical practice manuals and integrative literature reviews.

Firmly adhering to the aims and objectives of The Joanna Briggs Institute, the http://www.joannabriggs.edu.au web service provides a platform for the wide scale dissemination of Evidence Based Health Care information on an international scale.

The web site has seen a steady increase in pages downloaded, with access to pages peaking near 29,000 per month during university semesters. The JBIEBNM web site has now hosted over 54,000 distinct hosts (separate computers) and is receiving more than 1000 new visitors each week from over 125 different domains.
Implementation

Practice Manuals

The practice manual service continues to generate a significant volume of output, and attract a high level of interest around Australia and New Zealand. The Coordinator Clinical Information has revised both the JBIEBNM Acute and Aged Care Practice Manuals, and provided copies of the relevant manual to all corporate members. A number of which have undertaken internal staff evaluations on the service with favourable results (Calvary SA, Western SA).

The practice manual service has examined the feasibility of developing a practice manual for mental health, in association with the Department of Clinical Nursing (Adelaide University), and the State Wide Mental Health Service. Furthermore, the Midwifery Practice Manual interventions have undergone a major review in association with the King Edward Hospital (WA). On completion of the integrative reviews of the relevant midwifery clinical interventions, the manual will be disseminated across JBIEBNM for wider critique.

The primary changes in the practice manual service have been the increase in personnel working on providing the service through Ms Zoe Jordan (Research Assistant), and Karen Smith (RN, Royal Adelaide Hospital Intensive Care Unit) and upgrading of computing software to desktop publishing tools.

Integrative reviews generated for the practice manual service are now being placed on the JBIEBNM web site. Work has begun on developing a database of reviews as a quality control exercise to manage the annual collation and revision process associated with maintaining the currency of each review. To date, 110 reviews have been developed this year on topics which span the range of clinical specialties associated with nursing practice.
Promotional CD ROM

A multi-platform promotional CD ROM was developed in time for the New South Wales Centre launch. The CD was designed to provide a multimedia perspective on JBIEBNM activities, and facilitate the dissemination of JBIEBNM materials in forms reflective of advances in Information Technology.

The promotional CD ROM was designed to provide information able to be integrated with internet and intranet access to research based information, as electronic means of dissemination generates increasing levels of interest from corporate members. Practice manuals provided on CD ROM to corporate members and collaborating centres, and Integrative reviews e-mailed to corporate members in New South Wales for use on intranet, demonstrate the demand for up to date information. Use of fluid technologies is an emerging method of dissemination. JBIEBNM has capitalised on this trend by providing integrative reviews on a frequent basis, with the option to regularly update and receive feedback through frequent internet communication with corporate members.

Workshops


Introduction to Evidence Based Practice for New Graduates, Repatriation General Hospital, 12 December 2000.

Presentation on issues and plans for development of single regional practice manual with Area Directors of Nursing, Renmark Hospital (SA), 21 December 2000.

Introduction to Evidence Based Practice and JBIEBNM Membership services, Women’s and Children’s Hospital Adelaide, 20 March 2001.

Refresher Course Students, an introduction to evidence based practice, Royal Adelaide Hospital, 14 May 2001.

Best Practice Group versus Individual Therapy for the Treatment of Depression, Child and Adolescent Mental Heath Services (Women’s and Children’s Hospital), 29 May 2001.

Systematic Review workshops, to corporate members in collaboration with ACEBRAC and the Northern Territory Centre, provided by David Evans and Brent Hodgkinson.
The Joanna Briggs Institute for Evidence Based Nursing and Midwifery

Royal Adelaide Hospital and Adelaide University

The Lead Centre is the headquarters and coordinating site for the Collaboration.

Lead Centre staff are involved in a range of service activities within Royal Adelaide Hospital and are active members of the Department of Clinical Nursing, Adelaide University. Staff hold clinical titles with the department and are involved in teaching and supervision of post graduate students.

The following reports detail activities specific to the Lead Centre and its staff in addition to activities that have been undertaken in conjunction with other JBI EBNM Centres. This reflects the dual role of the Adelaide office as Lead Centre for the Collaboration and Centre for the state of South Australia.
Staff

Acting Director and Coordinator Evaluation
Rick Wiechula, RN, OrthoNursCert, BA(Flinders), BN(UniSA), MNSc(Adelaide), MRCNA

Acting Deputy Director and Coordinator Reviews
David Evans, RN, CritCareCert, DipN(Flinders), BN(Flinders), MNS(Flinders), MRCNA

Core Team/Management Committee

Coordinator Education and Implementation
Craig Lockwood, RN, BN(UniSA), GradDipClinNurs(Adelaide), MNSc(Adelaide), MRCNA

Coordinator Clinical Information (until March 2001)
Astrid Hall, RN, OH&SCert, DipAppSc(NursStudies)(SCAE), GradDipAnaesNurs(Adelaide)

Coordinator Clinical Information (from March 2001)
Amanda Roneberg, RN, CardiacCareCert, GradDipCardiacNurs(Adelaide)

Coordinator Primary Research (until April 2001)
Kenneth Walsh, RPN, RGN, BNurs(UNE) PhD(Adelaide)

Coordinator Primary Research (from April 2001)
Judy Magarey, RN, CritCareCert, DipNurs(SCAE), BNurs(Flinders), MNurs(Research)(Flinders)

Project Officer - Evaluations (from October 2000)
Marion Eckert, RN DipAppSc(Nurs)(Flinders), HyperbNursCert, Card.CareCert, GradDipCardNurs, MNSc(Adelaide), MRCNA

Research Officer Evaluation & Reviews
Brent Hodgkinson BSc(Hons)(Ottawa), MSc(Ottawa)

Research Assistant
Zoe Jordan, BA

Communications Officer
Anthea Court

Manager Administration
Roy Sneddon

Secretary
Annette Hoffrichter
Research Associates

The Research Associates participate in a range of activities for the Lead Centre. Principally they participate in review groups for Systematic Reviews providing an invaluable link to clinical practice and the organisations that utilise the best practice information provided by the collaboration.

Mary FitzGerald, RN, DipNurs(London), MNurs(Wales), PhD(UNE), FRCNA
Helen McCutcheon, RN, RM, BA(Adelaide), MPH(Adelaide), PhD(UNISA)
John Field, RN, BLegSt(Maquarie), ADNE(Cumberland), GradCertManag(UNE), FCN(NSW), FRCNA
Andrea Averis, RN, RM, BSc(Adelaide), MSc(PHC)(Flinders), PhD(Flinders), FRCNA, FCN(NSW), FGLF
Judith Berry, RN, BNurs, MNSc(Deakin), MRCNA
Marg Cattonar, RN, BNurs, MNSc(Adelaide)
Barry Dudley, RN, BNurs
Helen Jeffrey, RN, BNurs, MNSc(Adelaide)
Tina Jones, RN, CritCareCert, BNurs(UniSA), MNSc(Adelaide), MRCNA
Leonnie Lambert RN, DipAppSc(Nurs), DipAppSc(NursManag), BNurs(SACAE)
Leslye Long, RN, CritCareCert, CorCareCert, DipAppSc(Nurs)(SACAE), BAppSc(Nurs)(SACAE), MHA(UNSW), PhD(Flinders), MRCNA
Judy Magarey, RN, CritCareCert, DipNurs(SACAE), BNurs(Flinders), MNurs(Research)(Flinders)
Lorraine Maguire, RN, BBus(HAdmin)
Ann O’Donnell RN, RPN, DipAppSc(Nurs)(Flinders), BNurs(Flinders), Grad Dip HCouns(UniSA), ANZCHN, AFCHSE, CPE
Sue O’Neill, RN, BNurs, MNSc(Adelaide)
Robyn Parkes, RN, BNurs
Kathleen Read, RN, CritCareCert, IntCareCert, DipAppSc(NursManag)(SACAE), BNurs(SACAE), MNSc(Adelaide)
Heidi Silverston, RN, OncNursCert, BNurs(Flinders), MHA(UNSW)
Kenneth Walsh, RPN, RGN, BNurs(UNE) PhD(Adelaide)
Jackie Wood, RN, BNurs
Notable Professional and Community Activities

Staff of the Institute are involved in a wide range of professional health care activities. Staff also provide representation specifically as experts in evidence based health care with the following organisations.

Mr Rick Wiechula
Member, Australian Wound Management Association, Pressure Ulcer Interest Sub Committee

Mr David Evans
Member, Australian Patient Safety Foundation
Member, National Falls Task Force
Significant Events

The Professional Advisory Forum (PAF) is South Australia’s primary annual event for ensuring the review topics and research directions chosen by the Adelaide Centre reflect the information needs of South Australian members. The 4th PAF meeting was held at the Women’s and Children’s Hospital during March 2001. Those present were updated on all aspects of JBIEBNM activities, and nominated topics to be considered for Systematic Review during the year. The following topics were prioritised for research:

- Nurse Led Clinics
- Nursing Management of Lower Leg Oedema
- Peritoneal Dialysis Exit Site Care
- Management of Diabetes

The JBIEBNM was involved in the organisation and presentation of the SA Nursing Excellence Awards, and Co-sponsored the award for research with the Department of Clinical Nursing, Adelaide University.

Ms Judy Magarey was awarded the winner of Best Nursing Review Paper ACCN presented at the 25th Australian and New Zealand Annual Scientific Meeting on Intensive Care
Notable Visitors

Yee Kew Lee, National University Hospital, Singapore

Yoke Lan Lee, KK Women's & Children's Hospital, Singapore

Juang Fong Boon, Ministry of Health, Singapore

Guok Choo Han, Ministry of Health Singapore

Professor Yasuko Takahashi, PhD RN, Department of Advanced Clinical Nursing, The Graduate School of Medicine, The University of Tokyo

Professor Shigeyo Okuno, Department of Fundamental Nursing, The University of Tokyo

Miyoko Endo, RN, Department of Fundamental Nursing, The University of Tokyo

Professor Anne Marie Rafferty, Scotland

Professor Alison Tierney, Professor of Nursing, Head of Department, Department of Nursing Studies, Edinburgh University

Professor David Thompson, Professor of Nursing, York University, Professor of Nursing Research and Development at the Department of Health, UK

Professor Alison Kitson, Director, Royal College of Nursing Institute, UK

Professor Michael Clinton, Division of Health Sciences, Curtin University of Technology, Western Australia.
Research

Systematic Reviews

The Management of Acute Confusion in Hospital

Reviewer: Hodgkinson B, Evans D and Lambert L

Review Panel

Carol Moore, Ms Jackie Wood, Ms Mandy Glover, Ms Bronwyn Langman, Mr Craig Rawson, Ms Anne Hill, Mrs Paula Butterworth, Ms Julie Mead, Ms Angela Little and Dr Phillipa Hay

Temperature Management During the Peri-operative Period

Evaluation Cycles

The Lead Centre is coordinating the following Evaluation Cycles with other Collaborating Centres. For more detail please refer to pages 19-23.

Best Practice in the Management of Peripheral Intravascular Devices

Best Practice in the Management of Falls

Best Practice in the Prevention and Management of Mucositis

Best Practice in the Management of Tracheal Suctioning of Adults with an Artificial Airway
Consultancies

The expertise of the research staff of the Lead Centre is now well recognised. As a result the Centre has been approached by a number of individuals and organisations to conduct consultancies of research projects relating to Evidence Based Health Care (EBHC). The following are reports of consultancies undertaken during 2000/2001.

Smoking Cessation Interventions and Strategies for Hospitalised Patients: An Evidence Based Integrative Review

Consultant Reviewers/Researchers
Mr Rick Wiechula, Mr Craig Lockwood

This consultancy for an evidence based integrative review was commissioned by Mr Andrew Zoerner, Director, Health Promotion Unit, Royal Adelaide Hospital with initial funding from the Anti-Tobacco Ministerial Advisory Taskforce.

An Integrative Systematic Review of Nursing Curricula, Undergraduate Clinical Education & Transition Support for New Graduates

Consultant Reviewers/Researchers
Dr Mary FitzGerald, Professor Jan Pincombe, Dr Helen McCutcheon, Mr David Evans, Mr Rick Wiechula, Ms Zoe Jordan

This consultancy for a systematic review was commissioned by the Queensland Nursing Council and was conducted by the Department of Clinical Nursing and The Joanna Briggs Institute for Evidence Based Nursing and Midwifery. The consultancy was completed in February of 2001.

A Systematic Review of Indicators of Competence for Practice & Protocol for Validation of Indicators of Competence

Consultant Reviewers/Researchers
Dr Mary FitzGerald, Dr Ken Walsh, Dr Helen McCutcheon, Mr Brent Hodgkinson, Mr Craig Lockwood, Professor Jan Pincombe, Ms Zoe Jordan

This consultancy for a systematic review was commissioned by the Queensland Nursing Council and was conducted by the Department of Clinical Nursing and The Joanna Briggs Institute for Evidence Based Nursing and Midwifery. The consultancy was completed in May of 2001.
Primary Research

The Institute seeks to undertake primary research in areas where its systematic reviews indicate a lack of high quality research evidence and in areas of strategic value to the Institute. Following on from the systematic reviews that have been completed to date, the Institute has identified several areas needing further research. Proposals related to these areas were submitted for funding to a variety of sources in 2000/2001.

Pilot studies in progress include:

A comparative study to determine the efficacy of using a dietary fibre supplement to manage constipation in post cardiac surgery patients

Investigators: Dr H McCutcheon, Dr L Long, Ms J Magarey, Mr S Billinghurst, Mr P Hill

A comparative study to determine the efficacy of using routine versus nurse determined vital signs monitoring in post operative patients

Investigators: Dr M FitzGerald, Dr H McCutcheon, Ms K Athanasiadis

Research Grants


Dissemination

Publications

Systematic Reviews


Best Practice Information Sheets


JBIEBNM. 2000, Knowledge Retention from Pre-operative Patient Information Best Practice Vol 4, Iss 6, Blackwell Science-Asia, Australia.

JBIEBNM. 2001, Maintaining Oral Hydration in Older People Best Practice Vol 5, Iss 1, Blackwell Science-Asia, Australia.


Journal Articles


Borbasi S, Cameron K, Quested B, Olver I, To B and Evans D. (Accepted for Publication). More than a sore mouth: patients’ experience of mucositis, *Nursing Oncology Forum*.

Charnock Y and Evans D. (Accepted for Publication). Nursing management of chest drains: a systematic review, *Australian Critical Care*.

Evans D and Pearson A. (Accepted for Publication). Systematic reviews of qualitative research, *Clinical Effectiveness in Nursing*.


Newsletters

The Joanna Briggs Institute *Bulletin* is published quarterly and is disseminated to Corporate and Individual Members as well as being used as a promotional tool.

The *Bulletin* highlights significant achievements, promotes the centres across Australia and overseas and keeps members up to date on the progress of the Institute.

Newsletters were printed and disseminated in:

- September & December 2000
- March & June 2001
Conferences/Presentations

Charnock Y and Evans D. 2001, A systematic review into the management of chest drains, Research Seminar Series, Adelaide University, Adelaide.

Eckert M. 2001, Presented to the Graduate Nurse Program, Registered Nurses at the Repatriation Hospital, promoting The Joanna Briggs Institute for Evidence Based Nursing and Midwifery in collaboration with the Department of Clinical Nursing, 9 February.

Eckert M. 2000, Invited Speaker, South Australian Cardiac Nurses Research Forum. Presented: How does living with an implantable cardioverter defibrillator affect the lives of patients and their families?


Evans D. 2000, A systematic review on the effectiveness of music as a diversion for hospital patients, Sixth Nursing Practice Conference, Adelaide.

Evans D. 2000, Falls in acute hospitals, National Falls Prevention for Older People Initiative Forum, Commonwealth Department of Health and Aged Care, Canberra.

Evans D. 2000, Falls in the hospital setting, Falls Prevention in Older People: South Australian Forum, Department of Human Services, Adelaide.


Hodgkinson B. 2000, Systematic Reviews of Nursing Research, Alice Springs Hospital.

Hodgkinson B. 2000, Systematic Reviews of Nursing Research, Darwin, Northern Territory.

Lockwood C. 2000, Development of an Evidence Based Practice Manual Across a Health Service, Riverland Health Units, Renmark Hospital.

Magarey J. 2000, The Practicalities of Conducting A Systematic Review joint paper presented with Ms Tina Jones, Sixth Nursing Practice Conference.

Magarey J. 2000, Propofol or Midazolam? Which is Best for the Sedation of Adult Ventilated Patients in Intensive Care Units (ICUs)? A Systematic Review, Canberra.


Centre Promotion and Exhibits

The Joanna Briggs Institute display was present at the following events.

- Continuum of Care: Across the Health Terrain ‘From the Bush to the Big Smoke’, Darwin, August 2000
- Medical and Surgical Conference Broadening our Boundaries: Excellence in Medical/Surgical Nursing, Brisbane, August 2000
- Sixth Nursing Practice Conference Nursing: Charting a New Course, Adelaide, November 2000
- Launch of The New South Wales Centre for Evidence Based Nursing and Midwifery, Liverpool, March 2001
- RCNA Nursing Careers, Education & Employment Expo, Adelaide, May 2001

Additionally promotional information was placed in conference bags at the following events:

- RCNA, Australian National Forum, 10-11 May 2001
- ICN Congress, Copenhagen, 10-16 June 2001
Implementation

Teaching and promotion are maintained as combined activities of the Institute, with a range of workshops offered in association with corporate membership. During this year, JBIEBNM staff have maintained involvement in postgraduate education by coordinating and teaching on behalf of the Department of Clinical Nursing.

Workshops/Courses

Lockwood C. Workshops on the following Best Practice Information Sheets, Royal Adelaide Hospital, 18 May 2001.
- Tracheal Suctioning of Adults with an Artificial Airway
- Knowledge Retention from Pre-operative Patient Information
- Maintaining Oral Hydration in Older People
- Graduated Compression Stockings for the Prevention of Post-operative Venous Thromboembolism

Lockwood C. An Introduction to Evidence Based Practice, CAMHS, Enfield, South Australia, 2001.
Financial Statement

The Joanna Briggs Institute for Evidence Based Nursing & Midwifery
Profit and Loss Statement Year Ending 30 June 2001

Revenue

Carried forward
Opening Balance $26,226 $26,226

Revenue Raised
Dept of Human Services Grant $250,000
Membership & Other Revenue $381,922 $631,922
Total Revenue Raised $658,148

Less Operating Expenses

Salaries and Wages
Salaries and Wages $323,552 $323,552

Goods and Services
Printing $121,677
Photocopying $8,654
Telephone $346
Office & General Expenses $8,793
Advertising $3,668
Stationary Issues and Supplies $22,626
Postage $29,598
Fees & Charges $25,098
Equipment $25,098
Repairs $2,963
Computer $11,921
Travel $15,638
Consultants Fees $20,860
Course/Conference Fees $2,957 $299,999
Total Operating Expenses $623,551

Operating Profit (Loss) $34,597
Hong Kong Centre

The Hong Kong Centre for Evidence Based Nursing and Midwifery

The Chinese University of Hong Kong

Staff

Director
Professor Anne Chang

Deputy Director
Professor Janita Chau

Core Team/Management Committee

Professor Anne Chang, Professor, Department of Nursing, The Chinese University of Hong Kong (CUHK)

Ms Peggy Chan, Ward Manager, Department of Medicine and Therapeutics, Prince of Wales Hospital (PWH)

Professor Sally Chan, Department of Nursing, CUHK

Professor Janita Chau, Department of Nursing, CUHK

Ms Karen Cheung, Nurse Specialist, NICU, Prince of Wales Hospital

Professor Lam Lai Wah, Department of Nursing, CUHK

Ms Rossini Lam, Nursing Officer, Department of Surgery, Prince of Wales Hospital

Ms Idy Lee, Nurse Specialist, Oncology Unit, Prince of Wales Hospital

Professor Valerie Levy, Department of Nursing, CUHK
Advisory Panel

Professor Anne Chang, Professor, Department of Nursing, CUHK

Dr Dickson Chang, Deputy Director, Hospital Authority

Mr Victor Chow, Principal, School of Nursing, Prince of Wales Hospital

Professor T F Fok, Associate Dean, Faculty of Medicine, CUHK

Dr Clarke Hazlett, Director of Educational Services, Faculty of Medicine, CUHK

Ms Hermia Ho, General Manager (Nursing), Prince of Wales Hospital

Mr Michael Ho, Chairman, Association of Hong Kong Nursing Staff

Dr Susie Lum, Senior Executive Manager (Nursing), Hospital Authority

Professor Ann Mackenzie, Chairman & Head of Dept, Department of Nursing, CUHK

Dr William Wong, Clinical Coordinator, Prince of Wales Hospital

Ms Betty Woo, Chief Nursing Officer, Department of Health, Hong Kong Special Administrative Region
Significant Events

There have been 2 meetings of the Management Committee of the Hong Kong Centre for Evidence Based Nursing and Midwifery (HKCEBNM). The main activities have been concerned with education of nurses in Hong Kong and in our partner hospital – Prince of Wales Hospital (PWH) and in the wider Hong Kong nursing community.

The evidence based nursing and midwifery seminar "Application of Psychotherapeutic Interventions to the Care of Depressed Clients" held in December 2000 was well received by the participants with a good attendance of 72. The participants commented that the seminar helped them to gain more insight into evidence based practice in caring for depressed clients. The panel discussion was rated very positive with lots of participation from the audiences. The participants also expressed their interest in learning more about the application of evidence based nursing and midwifery to nursing practice and wanted more evidence based nursing and midwifery workshops and seminars organized periodically.

The Institute for Advanced Nursing has joined JBIEBNM as an educational institution and discussions continue with the Hospital Authority regarding membership of their hospitals.

Notable Visitors

Professor Wang Wenru, Professor Zhou Yuling, Professor Yue Yafei, from Xian JiaoTong University

17 delegates from Hua Xia Foundation

Visitors from The Capital University of Medical Sciences of Beijing

19 Master of Nursing students from Programme of Higher Nursing Education (POHNED), China

23 nurses from Taipei City Nurses Association
Research

Systematic Reviews

The Effects of Deep Breathing & Coughing Exercises on Post-operative Outcomes

Continuing Research Projects

Chang A, Molassiotis A, Chan CWH and Lee YM. 2000, Nursing management of oral mucositis in cancer patients. The 2nd phase of this study, a quasi-experimental study, on patients receiving chemotherapy is nearing completion.

Completed Research Projects

Publications

Callaghan P, Eves FF, Norman P, Chang AM and Cheung YL. (Accepted for Publication). Applying the Transtheoretical Model of Change to Exercise in Young Chinese People. British Journal of Health Psychology.

Chan CWH and Chang AM. 2000, Experience of Palliative Home Care According to Caregiver's and Patients' Ages in Hong Kong Chinese People. Oncology Nursing Forum, 27(10), 1601-1605.


Holroyd E. (Accepted for Publication). Filipino domestic workers in Hong Kong: Health related behaviours, health locus of control and social support. Women & Health.

Holroyd E. (Accepted for Publication). Hong Kong Chinese daughters' caregiving obligations towards their elderly dependant parents: a cultural model approach. Social Science & Medicine.


Holroyd E, Twinn S and Shiu ATY. (Accepted for Publication). Evaluating Psychosocial Nursing Interventions for Cardiac Clients and Their Caregivers: A Case Study of the Community Rehabilitation Network in Hong Kong. *Journal of Advanced Nursing*.


Lee TFD. (Accepted for Publication). Perceptions of Hong Kong Chinese elders on adjustment to residential care. *Journal of Interprofessional Care*.


Leung MY, Molassiotis A and Chau JPC. (Accepted for Publication). Coping and Adjustment in Chinese Patients with Chronic Obstructive Pulmonary Disease. *International Journal of Nursing Studies*.


Molassiotis A. and Chan CWH. (Accepted for Publication). Fatigue Patterns in Chinese patients receiving chemotherapy. *European Journal of Oncology Nursing*. 


Molassiotis A, Chan CWH, Yam B and Chan SJ. 2000, Quality of life in Chinese women with gynaecological cancers. Supportive Care in Cancer, 8(5), 414-422.


Ng DTF, Chan S and Mackenzie AE. 2000, Case Management in the Community Psychiatric Nursing Service in Hong Kong: Describing the Process. Perspectives in Psychiatric Care, 36(2), 59-66.


Shiu ATY. (Accepted for Publication). The threat of hypoglycaemia among Hong Kong Chinese patients: Implications for clinical nursing practice. Journal of Clinical Nursing.


Newsletter

Conference Presentation


Chang AM. 2001,  Evidence for the Promotion of Health. Abstracts of the International Conference "Improving Life Through Health Promotion: Nurses Making a Difference" (p. 67). Chiang Mai, Thailand: Chiang Mai University Faculty of Nursing / University of Hawaii at Manoa School of Nursing and Dental Hygiene / University of Michigan at Ann Arbor School of Nursing / University of Western Sydney.


Shiu ATY. 2000, An Application of the Worry Scale to a Sample of Hong Kong Chinese People. Abstracts of the 2nd HK Diabetes & Cardiovascular Risk Factors: East Meets West Symposium (p. 43). Hong Kong: Department of Medicine & Therapeutics, The Chinese University of Hong Kong / The Hong Kong Foundation for Research and Development in Diabetes.


Poster Presentations


Yam B and Cheung K. 2001, Palliative care nursing in a curative environment: experiences of neonatal intensive care nurses in Hong Kong. Poster presented at the 3rd Hong Kong Nursing Symposium on Cancer Care 2001 - Nurses’ impact on cancer care: initiatives in clinical practice. Hong Kong: Department of Nursing, The Chinese University of Hong Kong / Department of Clinical Oncology, Prince of Wales Hospital.

Centre Promotion and Exhibits


**Implementation**

These activities are focused on collaboration with our partner hospital, Prince of Wales Hospital (PWH)

**Prevention and Management of Pressure Sores**

A series of seminars have been organized to staff working in the Intensive Care, Medicine and Therapeutics, Oncology, Surgical as well as Orthopedic and Traumatic Departments regarding strategies used in the implementation of best practice in the prevention and management of pressure sores. Both the pre-implementation audit on current practice on the prevention and management of pressure sores, and the post implementation audit (after the introduction of the evidence based practice protocol designed by the workgroup in pilot wards) have been completed. The workgroup has planned to roll out the plan of this evidence based practice protocol to all surgical, medical, orthopedic, oncology wards and intensive care unit in June 2001. Disseminating strategies include identifying department and ward coordinators to disseminate the information to all staff as well as education. Audit on compliance will be carried out every three months. Incidence of hospital acquired pressure ulcers will be recorded and analyzed to guide practice.

**Vital Signs**

The pre and post implementation audits of the current practice of blood pressure measurement have also been completed. The evidence based practice vital signs protocol has been disseminated to all wards in the Medicine and Therapeutics, Paediatrics and Obstetrics & Gynecology Departments.

**Management of Short Term Indwelling Urinary Catheters**

This workgroup is at final stage of drafting the protocol for implementation. The Departments of Medicine & Therapeutics, Surgery, Oncology, Obstetrics & Gynecology as well as Orthopedics & Traumatology will be involved in the pilot project for evaluating the implementation of the evidence based practice protocol.

**Tracheal Suctioning**

Staff from the Infection Control Unit of PWH are part of a workgroup involved in designing the evidence based nursing protocol for Tracheal Suctioning for adults with artificial airway.

**Evaluation of Dissemination and Implementation Strategies**

The evidence based practice subcommittee planned to conduct a survey to identity topics for systematic review. The survey also intended to examine staff perception of the usefulness of the Best Practice Information Sheets and evidence based practice protocols.
Workshops/Courses

Dissemination Seminars for Nursing Staff at partner hospital (PWH) on Implementing Best Practice in the Prevention of Pressure Sore (62 attendants) 13 - 14 June 2000.

Seminar on Implementing Best Practice in the Management of Peripheral Intravascular Devices for nurses in Hong Kong (47 attendants) 17 June 2000.

Workshops on Evidence Based Nursing Practice organized by Hospital Authority and Faculty of Medicine, CUHK (100 attendants) 4 - 9 September 2000.

Dissemination Seminar for Nursing Staff at partner hospital (PWH) on Implementing Best Practice in the Prevention and Management of Pressure Sore (49 attendants) 15 - 16 November 2000.

Seminar on Application of Psychotherapeutic Interventions to the Care of Depressed Clients (72 attendants) 2 December 2000.
New South Wales Centre

The New South Wales Centre for Evidence Based Nursing and Midwifery

University of Western Sydney Macarthur and South Western Sydney Area Health Service

Staff

Director
Professor Rhonda Griffiths

Deputy Directors
Ms Ritin Fernandez
Professor Maree Johnson

Core Team/Management Committee

Ms Sushila Agnihotri
Mr Soufianne Boufous
Dr Josephine Chow
Professor John Daly
Ms Venita Devi
Ms Elizabeth Halcomb
Ms Rachel Langdon
Ms Jenny Morris
Ms Penelope Murie
Ms Cheryl Ussia
New South Wales Centre

Advisory Committee

Ms Rosemary Chester
Dr Jane Cioffi
Ms Jan Dent
Ms Donna Lennon
Ms Jennie West
Ms Debbie Young

Advisory Panel

Ms Jennie West, Hunter Area Health Service
Dr Jane Cioffi, University of Western Sydney
Ms Rosemary Chester, South West Sydney Area Health Service
Ms Jan Dent, Nurses Registration Board of NSW
Ms Donna Lennon, Greater Murray Health Service
Ms Debbie Young, North Eastern Area Health Service

Management Committee

Professor John Daly, University of Western Sydney
Ms Jenny Morris, South Western Sydney Area Health Service
Dr Josephine Chow, Liverpool Health Service
Ms Sandy Eagar, Macarthur Health Service
Significant Events

The New South Wales Centre announced its arrival with a colloquium and official launch on 30 March 2001. Around 150 people attended the colloquium, with Adjunct Professor Joan Englert AM launching the Centre in the afternoon.

Advisory and Management Committees have been established and the first joint meeting was held on 28 May.

The South Western Sydney Area Health Service has provided funding to second two clinicians to the Centre this year. One RN has commenced a secondment and an allied health clinician will be appointed.
Systematic Reviews

The Efficacy of Patient Isolation for the Control of Nosocomial MRSA in Acute Hospitals

Identification of Staphylococcal Aureus Reservoirs in the Acute Hospital Setting

The Infection Control Management of MRSA within the Acute Care Hospital

The Effectiveness of Solutions, Techniques and Pressure in Wound Cleansing

Research Projects

A double blind randomised control trial was completed comparing the healing and infection rates for wounds irrigated with tap water with wounds irrigated with normal saline. The paper is nearing completion.
Dissemination

Conferences/Presentations


Griffiths R. 2000, Facts need not spoil a good story. Mental Health Nurses Conference.


Fernandez R, Griffiths R. 2000, Use of evidence in palliative care. NSW Palliative Care Nursing Conference.
Implementation

Workshops/Courses

During 2000 three research methods workshops of 3 days duration were held to prepare South Western Sydney Area Health Service (SWSAHS) clinicians to function as reviewers for the systematic reviews.

Members from the Centre also spoke at a range of professional development sessions across the health service, addressing various topics relating to evidence based research.
New Zealand Centre

Centre for Evidence Based Nursing - Aotearoa

Auckland District Health Board

Staff

Director (until November 2000)
Mr John McArthur

Director (Acting) (from November 2000)
Ms Catherine Tracy

Core Team/Management Committee

Ms Heather Baker
Ms Jane Brosnahan
Ms Jackie Chapman
Mrs Sidney Cuthbertson
Mrs Samantha Heath
Mr Andrew Jull
Ms Maria Matthews
Ms Anne McKillop
Ms Ann O’Loughlin
Ms Lesley Powell

Changes

In April 2001 the collaborating Centre in New Zealand became “Centre for Evidence Based Nursing - Aotearoa”. This was the result of changes in the partnership team for the Centre. Auckland University of Technology (AUT) discontinued their involvement and the Auckland District Health Board reconfirmed their commitment to the Centre. As a consequence of these changes a number of staff from University of Auckland have returned to the New Zealand Centre.
New Zealand
Centre

Significant Events

Andrew Jull has been appointed an Associate Editor with Evidence Based Nursing and will participate in one of the Evidence Based Nursing courses at McMaster University as a trainee tutor in June. He will also gather information on problem-based learning, research into nurse practitioners, and visiting research centres at McMaster University.

The Joanna Briggs Institute 3rd Australasian colloquium is planned for 4 - 5 March 2002 with workshops on the preceding day. The venue is the Centra Hotel in the heart of Auckland's CBD.

Notable Visitors

Associate Professor Donna Ciliska, McMaster University, Canada.

Donna visited the Centre in New Zealand in August 2000, following her visit to Australia. The Centre ran a seminar in association with the New Zealand Guidelines Group called “Teaching and Learning Evidence Based Healthcare” which was attended by 100 delegates from throughout New Zealand. Donna also met with Centre staff during her brief visit, and has provided us with a copy of the workshop “How to Teach Evidence-based Nursing”. Donna may visit New Zealand again on sabbatical.

Mr Khoon Kiat Tan, Alexandra Hospital, Singapore.

Khoon Kiat had a six week (18/9/00-27/10/00) attachment to the Centre in New Zealand and to Auckland Healthcare looking at Evidence Based Nursing and Quality Management processes. Khoon Kiat returns to a new role in Singapore with the Ministry of Health, focusing on evidence based health care. Following Khoon Kiat’s visit, a group of senior nurses from Singapore also visited, they included Mrs Guek Choo Han, Chief Nursing Officer and Registrar, Singapore Nursing Board; Ms Juag Fong Boon, Executive Secretary, Singapore Nursing Board; Ms Yee Kew Lee, Director of Nursing, National University Hospital; Ms Yoke Lan Lee, Director of Nursing, KK Women’s and Children’s Hospital.

Karen Jones, Senior Public Health Specialist, Newcastle & North Tyneside Health Authority visited University of Auckland and the Centre in New Zealand in December 2000. She gave presentations on “Clinical Governance and Evidence Based Practice- Why do we need critical appraisal skills?” and “Clinical Governance and Evidence Based Practice” to both the Centre members and all of Auckland Healthcare.
Research

Systematic Reviews

Suctioning Patients with an Artificial Airway

A Systematic Review - No. 9
ISBN: 0 9577796-5-8
Lorraine Thompson

Instillation of 0.9% Sodium Chloride into an Artificial Airway
This review is in progress.

Evaluation Cycles

Best Practice in the Management of Tracheal Suctioning of Adults with an Artificial Airway

Research Projects

Andrew Jull and team have completed an evidence-based national clinical practice guideline on chronic leg ulcers. The Centre in New Zealand will fund the printing of the guideline in its complete form, it has already been disseminated in a summary form to General Practitioners, Practice Nurses and District Nurses. The Centre will also provide further funding to support completion of the Economic Model for Management of Venous Leg Ulcers.

Subject to funding grants, a consumer information adjunct to the leg ulcer guideline will be developed.

Tracy C. Supporting clinical decision making: Eliminating unnecessary specimen collection and subsequent cost.


New Zealand Centre

Dissemination

Publications


Cuthbertson, S., Margetts, M., & Streat, S, 2000, Bereavement follow-up after critical illness. Critical Care Medicine, 28 (4), 1196-1201.


Conferences/Presentations

Baker H and McKillop A. 2000, JBI EBN New Zealand: Supporting a Culture of EBP in Nursing, Teaching and Learning Evidence Based Healthcare, Bruce Mason Centre, Takapuna, Auckland, 17 August.

Brosnahan J. 2000, Management of Discharge is a Demand Driven Acute Service, Sixth Nursing Practice Conference, Stamford Grand Hotel, Adelaide, Australia, November 2000.


Cuthbertson S. 2000, Effective High Dependency Care Can be Provided in the Wards, Australian and New Zealand Scientific Meeting on Intensive Care, October.


Jull A. 2001, Evidence for Clinical Pathways, Seminar on Evidence Based Practice, Waikato Hospital, Hamilton, New Zealand, February.


Tracy C. 2000, Supporting clinical decision making: Eliminating unnecessary urine cultures to reduce costs, Sixth Nursing Practice Conference, Stamford Grand Hotel, Adelaide, Australia, November.
Tracy C. 2001, Supporting clinical decision making: Eliminating unnecessary specimen collection and subsequent cost. Nursing Research Section, New Zealand Nurses Organisation Conference- Advancing Nursing through Research, Bryant Education Centre, Waikato Hospital, Hamilton, New Zealand, March.

Implementation

Andrew Jull is leading a paper in Evidence Based Nursing at the University of Auckland Division of Nursing. The paper is compulsory for all postgraduate nursing students and is taught using a workshop approach. The content covers searching skills, critical appraisal of randomised controlled trials (RCTs), systematic reviews of RCTs, qualitative evidence and studies of case-finding/diagnostic tests, and application of evidence to decision-making. Andrew has previously run this course twice within Auckland Healthcare for senior nurses not currently undertaking postgraduate studies.

Workshops/Courses

Workshops for the Centre have been reviewed by the Core Team, and advanced workshops are now being offered. Workshops include two consecutive workshops of one day each on "Evaluating randomised controlled trials as evidence" and "Implementing evidence into practice" in April, May, September and December.
Northern Territory Centre

The Northern Territory Centre for Evidence Based Nursing and Midwifery

Northern Territory University

Staff

Director
Professor Jennifer Watson
Deputy Director
Ms Beryl McEwan

Core Team/Management Committee
Ms Helen Baldwin
Ms Maureen Britten
Ms Kath Charlwood
Ms Clare Fenwick
Ms Denby Kitchener
Ms Annie Mills
Professor Kay Roberts
Ms Sharon Sykes
Ms Bev Turnbull
Ms Karen Were
Advisory Panel

Ms Dana Dabrowska
Mr John Heslop
Ms Gabrielle Hickey
Ms Marie Hughes
Ms Melanie Van Haaren
Ms Virginia Martin
Mr Ged Williams

Changes

Ms Anne-Marie Dawson (CCNR/CNC 2B RDH Darwin)
Ms Jutta Edler (CCNR/RDH)
Significant Events

Conference: Continuum of Care: Across the health terrain ‘from the bush to the big smoke’ convened in Darwin 8-11 August 2000 was well attended. The Northern Territory Centre for Evidence Based Nursing and Midwifery hosted an evidence based nursing and midwifery workshop prior to the Conference. This was also well attended.
Research

Systematic Reviews

Acute Pain Assessment in Adult Patients (over 12 years) Experiencing an Episode of Acute Pain

Research Team: Professor Jenny Watson, Ms Annie Mills

The aim of this project is to conduct a systematic review of published literature and other existing reports and documents on acute pain assessment. The review will then be used to develop best practice protocols to enhance the assessment of acute pain and ensure appropriate pain management and outcomes.

A search strategy has been developed along with criteria to assess quality of the methodology and statistical analysis. A national review panel has been established to review the search protocol, provide advice and critique drafts. Two reviewers will review each included article, based on the prepared criteria, with a third reviewer available in the case of disputes. A final systematic review document will be drafted and by the national review panel prior to finalisation. A summary will be developed into a Best Practice Information Sheet.

The Management of Post Partum Haemorrhage for the Prevention of Primary Post Partum Haemorrhage

Research Team: Professor Jenny Watson, Ms Beryl McEwan (RDH), Ms Jessica May, Ms Annie Mills

The aim of this project is to conduct a systematic review of published literature and other existing reports and documents on post partum haemorrhage. The review will then be used to develop best practice protocols to reduce the risk of post partum haemorrhage in the third stage of labour during child birth.

A search strategy has been developed along with criteria to assess the quality of the methodology and statistical analysis. A national review panel has been established to review the search protocol, provide advice and critique drafts. Two reviewers will review each included article, based on the prepared criteria, with a third reviewer available in the case of disputes. A final systematic review document will be drafted and reviewed by the national review panel prior to finalisation. A summary of the review will be developed into a Best Practice Information Sheet.
Research

Evaluation Cycles

*Best Practice in the Management of Tracheal Suctioning of Adults with an Artificial Airway*

Research Projects

- Extended role of the Midwife (Professor Jennifer Watson)
- Client attitudes to being terminally ill (Professor Kay Roberts)
- Darwin parent’s attitudes to Kangaroo Care (Professor Kay Roberts)
- Nurse-Academics’ Scholarly Productivity (Professor Kay Roberts)
- Health Promoting Hospitals (Professor Jennifer Watson)
- The Queensland rural and remote area nurses medication study (Professor Desley Hegney)
- Pain assessment and management in children at Royal Darwin Hospital (Professor Jennifer Watson)
- Student attitudes and perceptions relating to body image, eating and exercising (Professor Jennifer Watson)
Queensland Centre

The Queensland Centre for Evidence Based Nursing and Midwifery

Mater Misericordiae Health Services (Brisbane) Limited

Staff

Director
Dr Grace Croft

Deputy Director
Ms Irene Lake

Core Team/Management Committee
Ms Ann Mitchell
Ms Prabha Ramritu
Ms Jane Jacobs (until January 2001)

Advisory Panel
Mr Jim O’Dempsey, Chairman
Ms Kym Barry
Dr Debra Creedy
Dr Elizabeth Davies
Mr Brad Elms
Ms Elizabeth Emmanuel
Ms Marjorie Henderson
Ms Catherine James
Ms Deb Nizette
Ms Sue Norrie
Ms Yvonne Osborne
Ms Liz Rossmuller
Significant Events

The Clinical Advisory Forum met in November 2000 with representatives from hospitals, community health, domiciliary nursing present. The purpose of the meeting was to identify clinical issues requiring evidence as topics for future systematic review. A total of forty-seven possible topics were identified. Further consultation with clinicians suggested the management of central venous access devices (CAVD) as an area in which best practice information is needed. The entire list of topics identified by the group will be shared with universities in Queensland and the Queensland Nursing Council.

Meetings of the Advisory Committee were held on 6 December, 2000 and 9 May 2001. The Committee was advised of continued growth in individual and corporate membership in Queensland. As a result of Mayne Health national membership, ten additional health facilities in Queensland are now corporate members.

The Executive Director of Nursing at the Princess Alexandra Hospital was invited to address the Advisory Committee at its May meeting to discuss the plan for the establishment of a Queensland Health state-wide initiative in nursing research and evidence based practice. Her delegate, Dr Sarah Winch, informed the committee that a proposal had been forwarded to Queensland Health at the request of the Director General. We anticipate receiving further information about this initiative.
Research

Systematic Reviews

Following the recommendation of the Clinical Practice Forum that evidence to inform nursing practice in relation to Central Venous Access devices (CVAD), was needed, we investigated issues related to the management of CVADs through the conduct of focus groups with nurse clinicians and educators. Two major problems were identified: prevention of infection and prevention and management of obstruction. Discussions indicated that the problem of infection was being addressed by other groups, but that prevention and management of obstruction in CVADs was an area requiring evidence for practice. A search of the literature in preparation of a draft protocol for a systematic review on the topic of prevention and/or obstruction in CVADs is underway.

Evaluation Cycles

*Best Practice in the Prevention and Management of Mucositis*
Queensland Centre

Research

Current Projects


Education Support for Carers (ACU/Mater Collaborative Project) D Prior, M Foster, A Mitchell, A O'Malia, C Boyd, S Miles.

Effective post discharge pain management for those having hip or knee surgery. A Mitchell, R Annand, V Caithness, T Hall, F Crittenden.

Nurses experience of Vancomycin Resistant Enterococcus (VRE) A Mitchell, T Cummins, N Spearing, J Adams, L Gilroy.

Pre-operative anxiety in day surgery and the use of music therapy. J Esposito. (Mentoring Project)


Parental and family participation in care during hospitalisation C Keyte, P Ramritu, J Hudson-Collins and C Sparks.

Pain and vomiting in children having tonsillectomy and adeno-tonsillectomy P Denton, Z Gilbride (mentored project)

Identification of strategies to optimise nursing care to adolescents with mental health problems P Ramritu, T Stanley, M Courtney.

Pre-post implementation study into nurses' perceptions of a Clinical Information Systems program in PICU. L O' Maley.
Dissemination

Publications


Jacobs J, Soong B. (Accepted for Publication). Midwifery Management of the perineum in 2nd Stage Labour, Birth Issues


Papers presented

Croft G and Edwards H. 2001, Steaming ahead with evidence based practice, Ausmed conference The times they are ’a changing, Brisbane, February.


Ramritu P. 2001, Role of the clinical setting in development of competence of new nurse graduate, at The dawn of a new era in children's health, conference hosted by the Australian and New Zealand Confederation of Child Health Nurses. Brisbane, Queensland, 24-26 May.

Posters presented


Centre Promotion and Exhibits

The Queensland Centre developed and manned a booth promoting the Joanna Briggs Institute at the Directors of Nursing Queensland (DoNA Inc.), annual conference August, 2000 Brisbane and at the "Celebration of Nursing" exhibition sponsored by the Institute of Practising Nurses, King George Square, Brisbane, 12 May 2001.
Implementation

Workshops/Courses

K Finlayson, J Jacobs, A Mitchell and P Ramritu have developed a continuing education unit "Establishing Evidence in Nursing" in collaboration with Queensland Institute of Technology School of Nursing. This unit has subsequently been approved for post-graduate credit.

G Croft, Introduction to Evidence Based Nursing - to senior staff Redlands Hospital, November 2000.

G Croft, What's Happening in Evidence Based Nursing, to Directors of Nursing, Southern Zone, Queensland Health 11 May 2001

G Croft, Evidence Based Nursing, Rockhampton Health Services District, October 2000.

A Mitchell, Evidence Based Nursing, St Andrew's War Memorial Hospital, Brisbane, June 2001.

A Mitchell, Evidence Based Practice, MAH staff education program (ongoing)

P Ramritu , Evidence Based Practice, to clinical nursing staff, Mater Children's Hospital, June-December 2000.
The Victorian Centre for Evidence Based Nursing

The University of Melbourne

Staff

Director
Professor Judith Parker

Executive Director
Dr Tracey Bucknall

Associate Director
Associate Professor Linda Johnston

Core Team/Management Committee

Associate Professor Sanchia Aranda, Research Associate

Ms Robyn Faulkner, Research Fellow

Ms Donna Mline, Research Fellow

Ms Felicity Osmond, Research Assistant

Ms Alison Hutchinson, PhD Candidate

Ms Joan Ostaszkiewicz, Masters Candidate

Ms Alison Sidebotham, Administration Officer (until August 2000)

Ms Linda Devilee, Administration Officer (from September 2000 - February 2001)

Ms Stephanie White, Administration Officer (from May 2001)
Advisory Panel (Coordinating Council)

Dr Christine Beanland
Ms Elizabeth Eadie
Ms Jennifer Gale
Associate Professor Brenda Happell
Ms Fiona Hearn
Professor Megan-Jane Johnstone
Ms Jill Linklater
Ms Ella Lowe
Ms Faye Marles
Ms Maria Miller
Ms Belinda Moyes
Dr Jennifer Newton
Ms Suzanne Petterson
Ms Anne Marie Scully
Mrs Maria Stickland
Associate Professor Jill Teschendorff
Dr Sue Turale

Changes

Alison Sidebotham, Administrative Officer, resigned to take up a full time position in the Centre for Psychiatric Nursing Research and Practice and Linda Devilee was appointed as a replacement.

Felicity Osmond was appointed as research assistant to work on the breast care nurse workforce study and other projects.

Linda Johnston, Associate Director, was appointed Associate Professor in a joint position between the Royal Children’s Hospital and the School of Postgraduate Nursing.
Significant Events

Professor Judith Parker’s achievements in nursing education were recognised in the inaugural Victorian Honour Roll of Women, May 2001.

Associate Professor Sanchia Aranda was awarded the Oncology Nursing Society International Award for Contribution to Cancer Care in May 2001 at the Oncology Nursing Society Conference in San Diego.

Coordinating Council meeting 23 November 2000.

Executive Committee meeting 13 November 2000.

Notable Visitors

Professor Margaret Horsburgh from the University of Auckland visited the Centre on 15 March 2001.

Associate Professor MaryAlice Jordan-Marsh, RN, PhD, FAAN from the University of Southern California visited 3 March 2001.

Professor Brendan McCormack from the University of Ulster/Royal Group of Hospitals Trust presented a seminar on the creation of nursing development units in the UK on 20 February 2001.

Ms Catherine Tracy and Ms Jane Brosnahan from the New Zealand Centre for Evidence Based Nursing visited the Centre on 27-28 November 2000.

Professor Christine Moffat and Dr Peter Franks, Directors of The Centre for Research and Implementation of Clinical Practice (CRICP) London, visited the Centre and presented a seminar on 11 September 2000.

Associate Professor Donna Ciliska, co-Director of the Canadian Centre for Evidence Based Nursing, McMaster University, Canada, visited the Centre in August 2000.
Research

Systematic Reviews


A Master of Nursing (Research) scholarship for 2001 is currently being advertised. The research topic is "Acute confusion in the medically ill".


Changing Practice Information Sheet

Getting Research into Practice and Implementing Clinical Practice Guidelines in progress.

Research Projects

‘An evidence-based approach to nursing management of the breastfeeding infant with failure to thrive admitted to a paediatric hospital’. Supported by the School of Postgraduate Nursing-Victorian Centre for Nursing Practice Research Joint Initiative Grant and the Royal Children's Hospital Nursing Research Fund.

‘Development and initial testing of a structured intervention to enhance the care of women with advanced breast cancer.’ Research commissioned by the Inner and Eastern Healthcare Network Breast Services Enhancement Project Consortium.

Funding Applications

The VCNPR/VCEBN was successful in obtaining a SPIRT scholarship in collaboration with the Royal Children's Hospital. Alison Hutchinson has commenced a full time PhD on the project titled: "The role of the nurse in the development of evidence-based clinical pathways: the impact of interdisciplinary collaboration on health care."


Johnston L, Wharrad H, Bucknall T, Cox K and Wright R. "Using the Internet for evidence based practice in nursing." Telematics Trust, Victoria ($22,000).
Publications

The first of quarterly newsletters was produced and disseminated in September 2000. The newsletter aims to provide Victorian nurses with information on the Centre’s activities, summaries of selected projects undertaken in the Clinical Research Fellowship program, citations of relevant research publications, conference announcements, as well as the activities of JBIEBNM and collaborating Centres.

Conferences/Presentations

Johnston L and Faulkner R. 2000, Evidence Based Practice and the Clinical Research Fellowship Program, Victoria University of Technology Staff Seminar, July.

Johnston L. 2000, Research in Clinical Practice. The St Vincents Hospital Research Week Nursing Workshop, August.


Dr Tracey Bucknall attended a five day workshop from 2-7 July at the Royal College of Nursing Institute, Oxford titled “Fostering an Organisational Culture of Practice Development: A Programme for Leaders of Nursing and Health Care”. She also spent a week at the RCN Institute meeting with researchers involved in the implementation of evidence-based practice where collaborative research options were identified and discussed.


Tracey Bucknall was invited to attend an International Colloquium on knowledge/ research utilization in Edmonton Alberta Canada on 30 April and 1 May 2001. The meeting was organized by the Canadian Working Group on research utilization, now known as CCoRUS (Canadian Consortium of Research Utilization Studies) led by Carole Estabrooks, and the UK group led by Alison Kitson at the RCNI (PARIHS project).
Clinical Research Fellowship Program – The CRFs are designed to support nurses based in clinical settings to identify, appraise and utilise research as an evidential base for daily nursing practice. Within their own work environment, Fellowship holders identify an area of practice, a procedure or policy that needs an evidential base. During 2000/2001 thirty nurses from nineteen clinical agencies completed the program.

A one-day workshop titled ‘Evidence based practice: a workshop’ was conducted on 17 November at Ballarat Health Services. Twenty-eight managers, educators and clinicians from rural Victoria attended.

*Best Practice* Information Sheets (‘Vital Signs’ and ‘Group and Individual Therapy in the Treatment of Depression’) continue to be utilised in the curriculum of the Postgraduate Diploma of Advanced Clinical Nursing.

*Best Practice* Information Sheets are utilised in the Continuing Education Program conducted at the Royal Children’s Hospital.

Systematic Reviews produced by JBIEBNM are available from the Centre’s resource library for the benefit of all members of the School of Postgraduate Nursing.
Western Australian Centre

The Western Australian Centre for Evidence Based Nursing and Midwifery

Curtin University of Technology and King Edward Memorial and Princess Margaret Hospitals

Staff

Director
Professor Robin Watts

Deputy Director
Ms Jeanette Robertson

Core Team/Management Committee

Ms Ann Callaghan
Ms Robyn Collins
Ms Lorraine Shepherd
Advisory Panel

Ms Ann Callaghan
Ms Elaine Daniels
Ms Bronwyn Davies
Mr Phillip Della
Ms Judith Finn
Mr Michael Finn
Ms W Gardiner
Ms Heather Gluyas
Ms Hannah Herod
Ms D Le Cornu
Dr Gavin Leslie
Ms Liz Manley
Dr Sue Nikoletti
Ms Annette O’Mahoney
Ms Jaynie Sands
Significant Events

Advisory Panel meeting 1 December 2000.


Workshop - Generic Midwifery Manual

Craig Lockwood worked with a group of Western Australian midwives over a two day period (16-17 November) to draft a generic midwifery manual. King Edward Memorial Hospital is continuing work on identifying evidence for the midwifery manual.


The Director was invited to attend 2 meetings of this group and subsequently invited to attend the national meeting on 9 December in Canberra.
Research

Systematic Reviews

The Nursing Management of Fever in Children

A Systematic Review - No. 14
ISBN: 0 9578276 1 X

Robin Watts, Jeanette Robertson, Gail Thomas and Review Panel members

Pacifier Non-nutritive Sucking in Infancy and Early Childhood

The Nurses Network from the Child Health Research Institute is leading this review together with five sub panels of community nurses. The submission to the Nurses Memorial Trust Fund was successful with a grant of $9,000 being approved. These funds will support a part-time project officer who has been seconded from Community Health. The Western Australian Centre staff are assisting with research advice and administrative support plus funding consumables. The literature search is well under way and quality assessment of relevant studies is about to commence.

Post-partum Bladder Management

Hypoglycaemia in Neonates

Mental Health

Evaluation Cycles

A protocol is currently being drafted to evaluate the effectiveness of the Nursing Management of Fever in Children Best Practice Information Sheet.

Research Projects

The Systematic Review of Infantile Colic highlighted the need for further primary research on the use of herbal teas as treatment for infantile colic and this opportunity is being pursued collaboratively by the Fremantle Health Service and the School of Nursing, Curtin University of Technology.
Dissemination

Best Practice Information Sheets

The Best Practice Information Sheet The Nursing Management of Fever in Children is under review.

Permission is being sought from the Cochrane Group to develop a Best Practice Information Sheet based on their Infantile Colic Review.

Conferences/Presentations

Workshop – Nuffield Centre, Oxford.

Three members of the core team, on the invitation of the Health Department of Western Australia, attended a two day workshop on 25-26 February, presented by the Director and another member of the Nuffield International Centre for Evidence Based Clinical Practice, Oxford.

Facilitating Change in the Clinical Setting, Seminar, The Chinese University, Hong Kong, 29 May 2001.
Workshops/Courses

All corporate members were offered a one day workshop this year with the costs covered by membership fees and the Centre’s funding grant from the WA Health Department. The major focus of the workshop is on assisting health services apply current evidence to practice i.e. review their policies and practices and revise if necessary. Each health service is asked to identify a topic that is of relevance to them. This topic is then researched by the Centre and the most current evidence identified. Following an introduction to evidence based practice, the current health services practices related to the topic are reviewed and needed changes identified and modified as necessary for the context of care. The workshop concludes with a discussion of implementation issues.

The offer of a workshop was immediately taken up by several health services in the far north of the State. Prior to conducting the workshops, the format was piloted in March for the Geraldton Health Service with the assistance of the Combined Universities Centre for Rural Health. The selected topic was intravenous therapy. Fifteen participants from both the regional and private hospitals attended. Evaluations were very positive. An impact evaluation is to be conducted in August to determine to what extent the planned modifications to the hospital procedure have been implemented.

The second workshop was conducted in Port Hedland (with a video link to Mount Newman) in early May on traumatic wound care. Twenty staff participated, drawn from both the hospital and the community nursing services. A third workshop will be held in Derby in early July. Although very resource intensive in terms of preparation, as each health service’s workshop is individualised, the very positive response from rural participants makes this work worthwhile.

Two ‘Reading Research’ workshops were held in April and July for new Review Panels. Twenty two community nurses attended the first one prior to commencing the systematic review on non-nutritive sucking. Twelve midwives attended the second workshop.

Presentations introducing evidence based practice and systematic reviews to student nurses have continued with 1 to 2 sessions held each semester at Curtin and Edith Cowan Universities.
Aged Care Centre

Australian Centre for Evidence Based Residential Aged Care (ACEBRAC)

La Trobe University and Bundoora Extended Care Centre

Staff

Director
Professor Alan Pearson

Deputy Director
Professor Rhonda Nay

Core Team

Research Coordinator
Ms Susan Koch

Coordinator of Reviews
Miss Catherine Ward

Research Officers
Mr Matthew Lewis
Mr Anthony Lyons

Administrative Officer
Ms Ellersley Both
Board of Management

Professor Alan Pearson, Director of the Centre, Head of School of Nursing, La Trobe University

Professor Rhonda Nay, The Professor of Gerontic Nursing, La Trobe University

Ms Mary Barry, Chief Executive Officer, Victorian Association of Health & Extended Care

Ms Rosemary Bryant, Executive Director, Royal College of Nursing Australia

Mr Ben Chodziesner, Carers Association of Victoria

Mr Mark Cormack, National Director, Australian Healthcare Association

Dr Michael Dorevitch, The Director, Centre of Applied Gerontology

Professor Stephen Duckett, The Dean, Faculty of Health Sciences, La Trobe University

Ms Mandy Heather, The Director, Bundoora Extended Care Centre

Ms Jill Iliffe, Federal Secretary, Australian Nursing Federation

Ms Meigan Lefebure, Industry Development Officer, Aged Care Association of Victoria

Ms Lynette Moore, Executive Director, Alzheimer’s Association of Victoria

Mr Greg Mundy, President, Aged Care and Community Services Australia

Ms Anne Patterson, President, Geriation

Ms Barbara Squires, President, Australian Association of Gerontology

Ms Jenny Theisinger, Director, Office of the Commissioner for Complaints

Significant Events

Opening of the Centre- February 2001.

Research

Systematic Reviews

The Effect of Documentation on Quality of Care in Residential Aged Care Facilities

Skills Mix in an Aged Care Facility

The Aspects of Mealtimes which Impact on the Satisfaction of Residents in Aged Care Settings

Oral Hygiene of Adults with Dementia in Residential Care Facilities

Do Kegel Exercises Reduce the Frequency of Urinary Incontinence in Older Asian Women?  
In collaboration with Fudan University, Shanghai, China.

Effective Preventive Intervention on Pressure Sores for Paralytic Patients being Cared for at Home  
In collaboration with Chiang Mai University, Thailand.

Research Projects

Healthy Ageing Project in collaboration with the City of Whittlesea
Implementation

Workshops


3 day Systematic Review Workshop, June 2001.

1 day Qualitative Analysis Workshop, June 2001.

Pearson A. Yangon, Myanmar.