

Introduction

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery is a collaboration of organisations and individuals committed to the evidence based approach to health care. This collaboration is comprised of health care providers whose aim is to use the best available evidence to improve patient outcomes, along with researchers, who facilitate access to this evidence. The strength of the collaboration is in its ability to draw together the expertise and resources of both these groups.

This annual report for the fiscal year 1999/2000 reflects the collaborative nature of The Joanna Briggs Institute for Evidence Based Nursing and Midwifery. It details not only the achievements of the individual organisations involved but also the accomplishments of the group as a whole.



Chinese University of Hong Kong



*Mater Misericordiae Hospitals,
Queensland*



*Royal Adelaide Hospital,
South Australia*



*Starship Children's Hospital,
New Zealand*



*Adelaide University,
South Australia*



Auckland Hospital, New Zealand



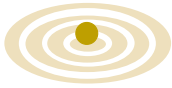
*Princess Margaret Hospital,
Western Australia*



Melbourne University, Victoria



*Curtin University,
Western Australia*



Chairman's Report

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery is now in its fourth year of operation. The year 1999/2000 has been one of transition for the Institute. The establishment phase has now been completed and an exciting period of expansion has commenced. This expansion is only possible through the ongoing commitment of the organisations and individuals that support and participate in the activities of The Joanna Briggs Institute. In the last year membership of the Institute has virtually doubled with over 100 health care organisations now active members of the Institute. Funding bodies have also demonstrated their commitment to the evidence based approach with the Department of Human Services in South Australia providing ongoing funds for the next three years to the Lead Centre in Adelaide.

The last year has also seen the founding Director of the Institute, Professor Alan Pearson, resign his position and move to LaTrobe University as Professor of Nursing. His commitment to evidence based health care however remains strong and Professor Pearson will continue his involvement with The Joanna Briggs Institute for Evidence Based Nursing and Midwifery through the establishment of an Aged Care Collaborative Centre to be based at LaTrobe University. The Centre will commence operations during 2000.

Perhaps the most tangible demonstration of how far evidence based health care has come was with the running of the 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery in Brisbane in February. The Colloquium was conducted, on behalf of the Institute, by the Queensland Centre for Evidence Based Nursing and Midwifery in conjunction with the Queensland University of Technology and was well attended. Where the previous Colloquium had focused on the possibilities of the evidence based approach, presenters at this year's event spoke of what had already been accomplished.

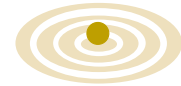
There remains however many challenges both for the Joanna Briggs Institute and others committed to an evidence based approach to health care. There is now a growing body of nursing focused systematic reviews. The Institute has and will continue to support nurses in developing the skills required to conduct these reviews. Additionally it is important to ensure that nurses and other health care professionals are able to access this research output. This is more than simply making the information available. It is essential that those who would use best practice information be equipped to make judgements about the quality and appropriateness of this information. Strategies to implement this information must be determined and evaluated. The Joanna Briggs Institute for Evidence Based Nursing & Midwifery is committed to working with health care professionals in pursuing this next phase in the development of evidence based health care.

Dr Leslye Long

Chair of the Board of Management



Leslye Long



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.

The current membership of the Board (30 June 2000) is as follows:

Dr Leslye Long

Director of Nursing and Patient Care Services, Royal Adelaide Hospital (Chair)

Assoc Prof Kaye Challenger

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 Judi Brown

Acting Principle Nursing Advisor, South Australian Department of Human Services

Prof Derek Frewin

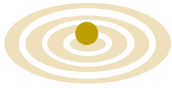
Head, Division of Health Sciences and Dean of Medicine, Adelaide University

Ms Gail Gago

Australian Nurses Federation

Prof Brendon Kearney

Director, Department of Human Services



Organisational & Management Structure

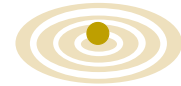
Organisational Structure

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. Training, consulting and research activities are managed by the country/state based Collaborating Centres, with the Adelaide office acting as the coordinating headquarters.

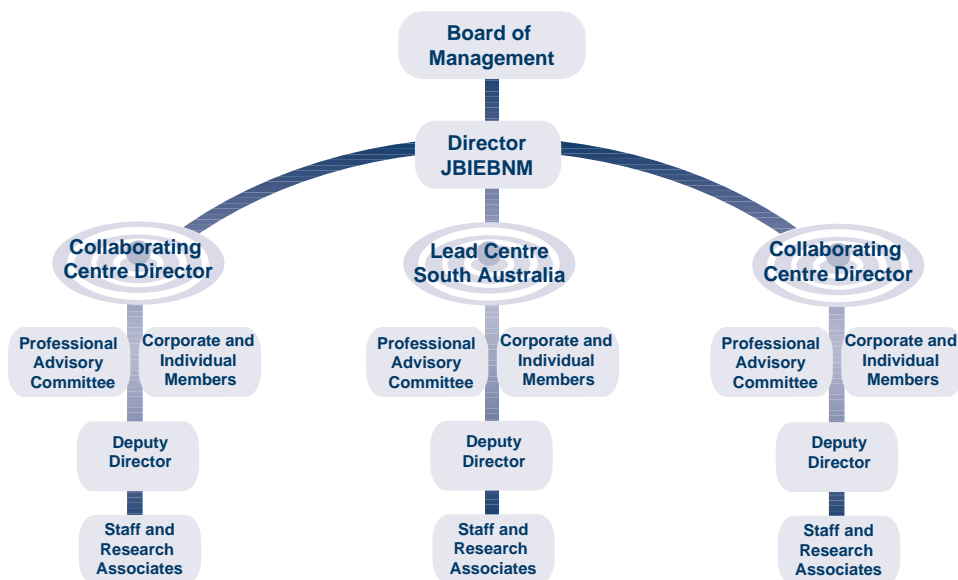
To facilitate strategic planning and coordination of the Institute's activities, Directors from all the Collaborating Centres meet biannually with Lead Centre staff. In the last year the Centre Directors' meetings were held in November 1999 and June 2000.



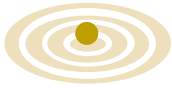


Management Structure

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.



Directors Meeting June 2000, South Australia



Membership

Corporate Membership

The following list details the organisations that were corporate members as at 30th June 2000.

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.

Australia

Australian College of Midwives Inc

Australian Capital Territory

Calvary Hospital

Canberra Hospital Library

John James Memorial Hospital

Hong Kong

Chinese University of Hong Kong

Prince of Wales Hospital

New South Wales

Armidale Health Service

Australian Catholic University

Calvary Hospital Wagga Wagga Inc.

Lewisham Aged Care

Northern Rivers Area Health Service

Alstonville Community Health Centre

Ballina Community Health Centre

Ballina Hospital

Bangalow Community Health Centre

Bonalbo Community Health Centre

Bonalbo District Hospital

Byron Bay Community Health Centre

Byron Bay District Hospital

Cambell Hospital - Coraki

Casino Community Health Centre

Casino Memorial Hospital

Coraki Community Health Centre

Grafton Base Hospital

Grafton Community Health Centre

Kyogle Community Health Centre

Kyogle Memorial Hospital

Lismore Adult Health Community Health Centre

Lismore Base Hospital

Lismore Child & Family Health Community Health Centre

Macleay Community Health Centre

Macleay District Hospital

Mullumbimby & District War Memorial Hospital

Mullumbimby Community Health Centre

Murwillumbah Community Health Centre

Murwillumbah District Hospital

Nimbin Community Health Centre

Nimbin District Hospital

Tweed Heads Community Health Centre

Tweed Heads District Hospital

Urbenville & District MPS Hospital

Urbenville Community Health Centre

Royal Rehabilitation Centre Sydney

Sacred Heart Hospice

New Zealand

Ascot Integrated Hospital

Ashburton & Community Health Services

Burwood Hospital

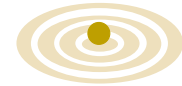
Healthcare Otago

Jervois Hospital and Home

Lakeland Health

Mercy Hospital

Auckland University of Technology



Auckland Healthcare Services Ltd
Northbridge Hospital
Presbyterian Support Services
School of Nursing UNITEC
South Auckland Health
Tauranga Hospital
The Princess Margaret Hospital
Waitemata Health

Northern Territory

Alice Springs Hospital
Royal Darwin Hospital
Northern Territory University

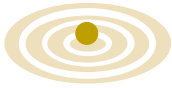
Queensland

Bayside District Health Service
Beaudesert Hospital
Bindaree Lodge
Bundaberg Base Hospital
Canossa Care Health and Residential Services
Centre for Nursing Research, QUT
Dalby Health Service District
Good Shepherd Lodge
Gympie Hospital
Health Outcomes Unit Queensland Health
Mater Misericordiae Hospitals
Mater Hospitals Bundaberg
Miles Health Service District
Prince Charles Hospital & District Health Service
Redcliffe Hospital
Rockhampton Hospital
Royal Childrens Hospital and District Health Service
St Lukes Nursing Service
University of Queensland Library
Wahroonga Retirement Village Hostel

Wesley Hospital
West Moreton District Health Services

South Australia

Ashford Hospital
Barr Smith Library
Burnside War Memorial Hospital
Calvary Hospital Adelaide Inc
Ceduna Hospital Inc
Crystal Brook District Hospital Inc.
Eastern Eyre Health & Aged Care
Flinders Medical Centre
Hamley Bridge Memorial Hospital Inc
Julia Farr Centre
Karoonda & District Soldiers Memorial Inc
Kingston Soldiers' Memorial Hospital Inc
Laura & District Hospital Inc.
Lower Eyre Health Service
Lutheran Nursing Homes Inc
Memorial Hospital
MINDA Incorporated
Modbury Public Hospital
Mt Gambier & Districts Health Service Inc.
Noarlunga Health Services and Private Hospital
Port Adelaide Central Mission
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 Regional Health Service Inc
Renmark Paringa District Hospital
Waikerie Hospital & Health Service
Loxton Hospital Complex
Riverland Private Hospital



Adelaide University
Royal Adelaide Hospital
The Salvation Army
Edenfield Hostel
Linsell Lodge
Parklyn Nursing Home
Aged Care Services Network - Sunset Lodge
Southern Cross Care - Lourdes Valley Nursing Home
St Margaret's Hospital Inc
Tregenza Avenue Aged Care Service
Western Hospital Inc
Whyalla Hospital & Health Service Inc.

United States of America

Case Western Reserve University

Victoria

Alpine Health
Austin & Repatriation Medical Centre
Ballarat Health Services
Brighton Hospital Holdings Pty Ltd
Hepburn Health Service
Jessie McPherson Private Hospital
Kiverton Park Nursing Home
Mt Alexander Hospital
Rural Northwest Health
Tallangatta District Nursing Service
Tallangatta Hospital
The University of Melbourne
Wangaratta District Base Hospital
West Gippsland Healthcare Group

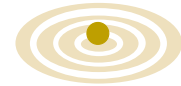
Western Australia

Curtin University of Technology
King Edward Hospital for Women
Princess Margaret Hospital for Children
Carnarvon Regional Hospital

Individual Membership

In addition to corporate membership at the 30th June 2000 there were 142 individual members from a wide range of countries as listed below. The individual members are serviced directly from the Lead Centre.

Canada
Denmark
Australia
Indonesia
New Zealand
Norfolk Island
Hong Kong
Saudi Arabia
Singapore
Spain
Sweden
Switzerland
United Kingdom
United States of America



Evidence Based Research Activities

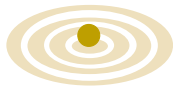
The Joanna Briggs Institute for Evidence Based Nursing and Midwifery conducts a range of evidence based research activities designed to provide health professionals with high quality best practice information and to evaluate the impact of that information.

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. The Systematic Reviews published by the Institute for the 1999/2000 period are listed on the following pages.



Adelaide University, South Australia



Vital Signs

A Systematic Review, Number 4.

ISBN: 0-9586131-4-1

Reviewers

Evans, D., Hodgkinson, B. and Berry, J.

Review Panel

Ms Heidi Silverston, Ms Deb Henrys, Ms Kathy Read, Ms Lee Hussie, Mr Peter Le-Gallou, Ms Sue Edwards, Ms Annette Heinmann, Ms Hazel Morrison, Mr Lyell Brougham.

Abstract

The objective of this review was to present the best available information related to the monitoring of patient vital signs with regard to their purpose, limitations, optimal frequency of measurements, and what measures should constitute vital signs. The review also sought to identify issues of importance related to the individual parameters.

While a variety of measures may be useful additions to the traditional four vital sign parameters, only pulse oximetry and smoking status have been shown to change patient care and outcomes. While there has been considerable research undertaken on many specific aspects of vital sign measurement, there is an urgent need for further research into the more general issues such as what parameters should be measured, the optimal frequency of measurements and the role of new technology in patient monitoring.



The Effectiveness of Individual Therapy and Group Therapy in the Treatment of Schizophrenia

A Systematic Review, Number 5.

ISBN: 0-9577796-0-7

Reviewers

Hodgkinson, B. Evans, D., O'Donnell, A., Nicholson, J. and Walsh, K.

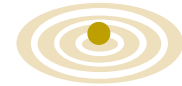
Review Panel

Ms Samantha Jolly, Ms Dene Iwanicki, Mr Nick Robilliard, Ms Sandra Mata, Ms Ralli Tanska, Ms Irene Henley, Ms Mellanie Fernandez, Professor Robert Barrett, Ms Carol Turnbull, Mr Tony Halczuk.

Abstract

The objective of this review was to present the best available information on the use of group therapy and individual therapy in the treatment of schizophrenia. Twenty randomised controlled trials were identified addressing some component of this topic. These studies suggest that individual cognitive behavioural therapy, long term group psychotherapy or modular therapy, and activities groups may be effective in achieving specific outcomes.





Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infections

A Systematic Review, Number 6.

ISBN: 0-9577796-1-5

Reviewers

Dunn, S., Pretty, L., Reid, H., Evans, D. and Silverston, H.

Review Panel

Mr Brent Hodgkinson, Ms Siew Lee, Ms Jacqui McLean, Ms Barbara Parker, Dr Jan Paterson, Ms Margaret Southwell, Ms Irene Wilkinson.

Abstract

The objective of this review is to evaluate the effectiveness of interventions used to prevent urinary catheter associated urinary tract infections. The findings of this review suggest that; catheter care should consist of good personal hygiene, sealed catheter connections should be used, and catheters should be removed as soon as possible post-operatively. The review also found that sterile surgical catheterisation procedures and the addition of antibacterial solutions to the drainage bag offer no additional protection against infection. There is some suggestion that silver-coated catheters offer some protection against catheter associated urinary tract infections, however the results are contradictory and so further research is needed.



Knowledge Retention from Pre-Operative Patient Information

A Systematic Review, Number 7.

ISBN: 0-9577796-2-3

Reviewer

Hodgkinson, B., Evans, D. and O'Neill, S.

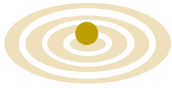
Review Panel

Ms Cathy Davy, Ms Lyn Mercer, Ms Lee Maddern, Ms Annemarie Roche, Ms Elizabeth Williamson.

Abstract

The objective of this review was to present the best available evidence related to knowledge retention following pre-operative patient education. The findings of this review support the use of pamphlets to inform patients and to improve their skills. The use of videos as a pre-operative instruction tool has been rarely evaluated. However, existing studies suggest that videos may have a role as a component of a larger teaching method. The data suggests that the instructional method is useful for improving patient knowledge of their treatment and in improving the ability to perform and comply with required exercises. However, instruction is likely to be more effective if provided prior to admission. If teaching is to be done after admission, using a group format has been shown to be equally as effective as individual instruction.





Identification and Nursing Management of Dysphagia in Individuals with Neurological Impairment

A Systematic Review, Number 8.

ISBN: 0-9577796-3-1

Reviewers

Ramritu, P., Finlayson, K., Mitchell, A. and Croft, G.

Review Panel

Ms June Adams, Ms Cate Barrett, Ms Meagan Bell, Ms Coralle Buchanan, Ms Wendy Chaboyer, Ms Teresa Cummins, Ms Gail Dacey, Ms Mary-Kim Davidson, Ms Leigh Davis, Ms Joy Denne, Ms Vivienne Devine, Prof Glenn Gardner, Ms Sheila Grant, Ms Lee Anne Grosvener, Ms Susan Hall, Ms Helen Kearney, Ms Catherine Kilgour, Ms Michelle Lawton, Ms Majella Leary, Ms Christine Lostroh, Ms Sally McPhee, Ms Mary Mackinnon, Ms Kate Masel, Ms Karen Mason, Ms Suzanne Morrison, Ms Karen New, Mr Tim O'Maley, Ms Judy Perrin, Mr Noel Saines, Ms Janet Sheehy, Ms Julie Shepherd, Ms Penny Simmons, Mr Geoffrey Wallace, Ms Judy Wollin.

Abstract

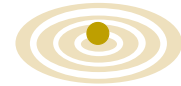
The objective of this review was to present the best available evidence on the nurse's role in the identification and management of dysphagia in individuals with neurological impairment. Nurses have an important role in identifying individuals at risk of dysphagia and referring these individuals to medical and allied health professionals. In addition nurses implement therapies to maintain safe oral nutrition and hydration.

The literature on identification and management of dysphagia in children acknowledged the nurse as a member of the multi-disciplinary team and briefly mentioned a few aspects of the nursing role in management of dysphagia. Evidence from medical and allied health literature (level III and IV) was used to make recommendations

for interventions in the identification and management of dysphagia. Most of the nursing literature concerning adults with dysphagia provided level III and IV evidence on many nursing interventions in the early recognition, assessment and management of dysphagia.

This systematic review identified an urgent need for primary research into the nurse's role in the identification and management of dysphagia in children and adults. Well designed research is needed to provide high quality evidence on the most effective nursing interventions in the identification and management of dysphagia in both adults and children.





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

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.

2000 saw an increase in *Best Practice* Information Sheets published. The *Best Practice* Information Sheet, *Identification and Management of Dysphagia in Children with Neurological Impairment*, was released as an additional 'limited issue' for members only. This information sheet can also found in the members' section on The Joanna Briggs Institute web site (www.joannabriggs.edu.au).

In April 2000 the *Best Practice* Information Sheet, *Knowledge Retention from Pre-operative Patient Information*, was completed and made available only in an electronic format on our web site in the members' section. It is intended that this information sheet will be published in a hard copy format and distributed widely through journals later in 2000.

The following *Best Practice* Information Sheets have been released from July 1999 to June 2000.

Vital Signs

Best Practice Volume 3, Issue 3, 1999

ISSN 1329-1874

Released July 1999

Printed: 98,650

Source review: Evans, D., Hodgkinson, B. and Berry, J. 1999 *Vital Signs*, JBIEBNM, Adelaide



The Effectiveness of Individual Therapy and Group Therapy in the Treatment of Schizophrenia

Best Practice Volume 3, Issue 4, 1999

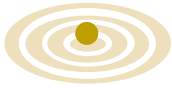
ISSN 1329-1874

Released October 1999

Printed: 99,150

Source review: Hodgkinson, B., Evans, D., O'Donnell, A., Nicholson, J. and Walsh, K. 2000 *The Effectiveness of Individual Therapy and Group Therapy in the Treatment of Schizophrenia*, JBIEBNM, Adelaide.





Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infection

Best Practice Volume 4, Issue 1, 2000
ISSN 1329-1874
Released March 2000
Printed: 99,150

Source review: Dunn, S., Pretty, L., Reid, H. and Evans, D. 2000 *Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infections*, JBIEBNM, Adelaide.



Identification and Management of Dysphagia in Children with Neurological Impairment

Best Practice Volume 4, Issue 3, 2000
ISSN 1329-1874
Released May 2000
Printed: 10,000

Source review: Ramritu, P., Finlayson, K., Mitchell, A. and Croft, G. 2000 *Identification and Nursing Management of Dysphagia in Individuals with Neurological Impairment*, JBIEBNM, Adelaide.

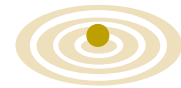


Identification and Nursing Management of Dysphagia in Adults with Neurological Impairment

Best Practice Volume 4, Issue 2, 2000
ISSN 1329-1874
Released May 2000
Printed: 102,000

Source review: Ramritu, P., Finlayson, K., Mitchell, A. and Croft, G. 2000 *Identification and Nursing Management of Dysphagia in Individuals with Neurological Impairment*, JBIEBNM, Adelaide.





Best Practice Impact Survey

The series, *Best Practice: Evidence Based Practice Information Sheets for Health Professionals*, is widely disseminated in print and electronic form. The series has been targeted toward clinicians with the content and format designed for use where health care occurs. To maximise the benefit of these information sheets it is important that the Institute receives feedback about the series in order to best meet the needs of those providing health care. Toward the end of 1999 the Institute conducted an Australia wide survey of Registered Nurses seeking their views about the first six information sheets from the *Best Practice* series.

The Impact of *Best Practice* Information Sheets on Australian Registered Nurses

Investigators

Professor Alan Pearson, Mr Rick Wiechula, Mr Brent Hodgkinson.

Aims and significance of the study

The purpose of this study is to determine what impact *Best Practice* Information Sheets have had on registered nurses and their practice. In particular the following four questions were pursued:

1. What is the degree to which registered nurses in Australia are aware of the Joanna Briggs Institute for Evidence

Based Nursing and Midwifery *Best Practice* series?

2. How relevant do Australian nurses consider the information contained in the *Best Practice* Information Sheets in regard to contemporary clinical nursing practice?
3. Have the *Best Practice* Information Sheets had a positive impact on clinical nursing practice in Australia?
4. How might the *Best Practice* Information Sheets be modified to enhance the dissemination of best practice information to Australian nurses?

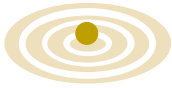
Although this project targeted the *Best Practice* series the results have wider implications about the way best practice information is disseminated to health care professionals.

Progress:

The survey was conducted with the assistance of the nursing registering bodies in each state and territory except the ACT. A sample of 1% of all registered nurses in Australia was surveyed for their knowledge and opinions of the *Best Practice* series. Analysis has been completed and the results were presented at the 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery held in Brisbane this year. The results indicate that the first six issues in the series have been well received by clinicians in Australia. Specific feedback about the content and format of the series will allow fine tuning of the series to better meet the needs of nurses in clinical practice.

If you are aware of any of the following *Best Practice* Information Sheets please complete the questions below.

	Best Practice EVIDENCE BASED PRACTICE INFORMATION SHEET 1	Best Practice EVIDENCE BASED PRACTICE INFORMATION SHEET 2	Best Practice EVIDENCE BASED PRACTICE INFORMATION SHEET 3	Best Practice EVIDENCE BASED PRACTICE INFORMATION SHEET 4	Best Practice EVIDENCE BASED PRACTICE INFORMATION SHEET 5	Best Practice EVIDENCE BASED PRACTICE INFORMATION SHEET 6
Have you read this sheet?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Please rate each of the following categories on a scale of 1 to 5 in which 5 is highest and 1 is lowest	Easy to read Q1 Q2 Q3 Q4 Q5	Easy to read Q1 Q2 Q3 Q4 Q5	Easy to read Q1 Q2 Q3 Q4 Q5	Easy to read Q1 Q2 Q3 Q4 Q5	Easy to read Q1 Q2 Q3 Q4 Q5	Easy to read Q1 Q2 Q3 Q4 Q5
Applicable to your practice	Q1 Q2 Q3 Q4 Q5	Q1 Q2 Q3 Q4 Q5	Q1 Q2 Q3 Q4 Q5	Q1 Q2 Q3 Q4 Q5	Q1 Q2 Q3 Q4 Q5	Q1 Q2 Q3 Q4 Q5
Do you regard this as the best method of delivery?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No



Evaluation Cycles

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery is committed to reducing variability in practice and achieving improvements in patient outcomes through an evidence based approach to health care. To assess the effectiveness of the evidence based approach to health care The Joanna Briggs Institute for Evidence Based Nursing and Midwifery has undertaken a series of multi-site studies known as Evaluation Cycles.

The Evaluation Cycle is a staged process. In the first instance, current practice and patient outcomes relating to a given area of practice are established and documented at a number of survey sites. The second stage involves the implementation of recommendations embodied in a *Best Practice* Information Sheet through the various survey sites. The final stage, following implementation of the recommendations, involves again surveying all sites with the objective of measuring any changes in practice and hopefully improved patient outcomes.

Promoting *Best Practice* in the Prevention and Treatment of Pressure Ulcers

Evaluation Cycle Report, Number 1

ISBN: 0-9577796-4-X

Investigators

Professor Alan Pearson, Mr Rick Wiechula, Professor Rhonda Nay, Ms Ann Mitchell, Mr Brent Hodgkinson

Participant Institutions

Royal Adelaide Hospital, Mater Misericordiae Public Hospital, North West Hospital.

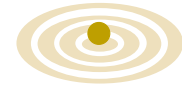
The prevention of pressure ulcers is a major nursing activity in all areas of health care, and the treatment of pressure sores, is largely seen as the province of the nurse in partnership with medical and paramedical workers. It remains an enduring problem made more difficult by problems of inconstant and conflicting information provided to clinicians and carers.

This study in the first instance provides valuable benchmarking data relating to the prevalence of pressure ulcers in a contemporary Australian context. Changes in patient outcomes were modest with best results achieved where a structured and responsive clinical review system was in place.

Progress

The report has been completed and distributed to members of the Institute.





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

Royal Adelaide Hospital, Mater Misericordiae Public Hospital, Royal Melbourne Hospital, Royal Perth Hospital, Prince of Wales Hospital, Auckland Hospital, National Women's Hospital, Greenlane Hospital.

Intravenous devices are a common and important part of hospital practice for the administration of fluid, nutrients, medications, blood products and to monitor haemodynamic status of a person. The use of intravascular devices can be complicated by a variety of local or systemic infectious complications. Catheter related infections, particularly catheter related blood stream infections, are associated with increased morbidity, mortality and prolonged hospitalisation.

The study is designed to evaluate the impact of best practice information relating to interventions for the management of peripheral intravascular devices. The study will build on previous studies in providing detail about the process of implementing best practice information.

Progress

The return survey was conducted in March 1999. Analysis has been completed.

Best Practice in the Prevention of Falls

Investigators

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

Participants

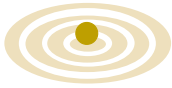
Royal Adelaide Hospital, Prince of Wales Hospital, Auckland Hospital, Box Hill Hospital.

It has been estimated that one third of people aged over 65 years suffer at least one fall per year, and that 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 will examine the impact of best practice information relating to the prevention of falls.

Progress

Data entry has been completed and analysis is currently being conducted.



Best Practice in the Prevention and Management of Mucositis

Investigators

Professor Alan Pearson, Mr Rick Wiechula,
Ms Ann Mitchell

Participants

Royal Adelaide Hospital, Mater Misericordiae
Public Hospital.

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 systemic effects of cytotoxic chemotherapeutic agents and from the local effects of radiation to the oral mucosa. Oral mucositis is inflammation of the mucosa of 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 infections in the mouth. The mucositis may affect patient's gum and dental condition, speech and self esteem may also be reduced, further compromising patients' response 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.

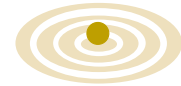
This study is the fourth in a series of multi-site projects examining the impact of best practice information and investigating the implementation process.

Progress

The initial survey was conducted at two sites in August/September of 1999. The return survey will be conducted in late 2000.



Royal Adelaide Hospital, South Australia



Practice Manuals

The practice manual service has continued to generate significant interest and activity for the Institute. The primary areas of activity have been in the dissemination of generic manuals, the commencement of new corporate member practice manual revision, and completion of the process for members who began in the previous financial year.

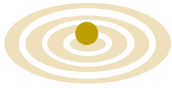
This includes the provision of 59 generic manuals in the areas of aged and acute care, the delivery of final copy manuals to 14 corporate members who have completed the revision process, and the commencement of 14 new manuals for more recent corporate members. There has also been increased interest stimulated among long term members by the provision of generic manuals, resulting in increased activity.

Midwifery Practice Manual

A manual has been procured, and research on integrative reviews for the first chapter is complete, the review panel is nearing closure. Development of the generic midwifery practice manual has been delayed due to the level of activity generated in the areas of aged and acute care.

All of the reviews generated in the last financial year have been revisited. An explicit approach to developing an integrative review of the literature has been developed and published on the Joanna Briggs Institute web site. New reviews have been developed according to this process based on changes in the contents of practice manuals, and the overall level of evidence many reviews contain has been improved as increasing numbers of systematic reviews specific to nursing become available.





Web Site

<http://www.joannabriggs.edu.au>.

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

From the main menu, guests may access a wide variety of information relevant to evidence based health care and health care in general.

Full text of *Best Practice* Information Sheets, links to 90 relevant Health Care sites, copies of JBIEBNM Systematic Review Protocols, contact details for the Collaboration and updates on JBIEBNM activities are available from the main menu. Additionally a free notice board, research posting facility and bookshop are available via the web site.

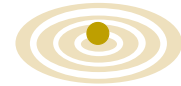
Collaborating Centres of the Institute have their own pages through which newsletters and items of local interest are published.

Corporate and Individual Members of the Institute can also access the password protected Member's area. This area includes full text copies of all Systematic Reviews produced by JBIEBNM and completed *Best Practice* Information Sheets not yet published by Blackwell Science-Asia.

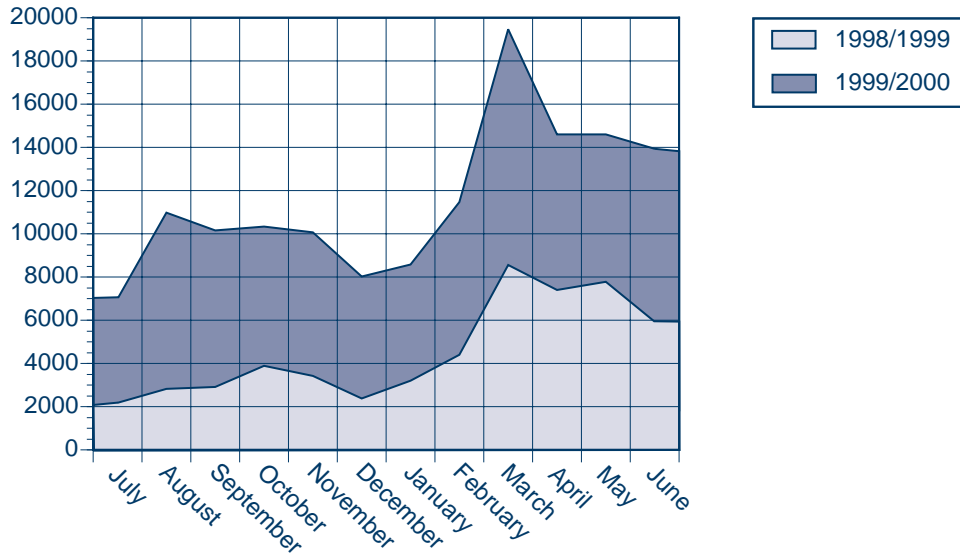
Firmly adhering to the aims and objectives of The Joanna Briggs Institute, the <http://www.joannabriggs.edu.au> web service provides a platform for the wide scale dissemination of Evidence Based Health Care information on an international scale.

The busiest month to date was March 2000 with (19,477 requests for pages).

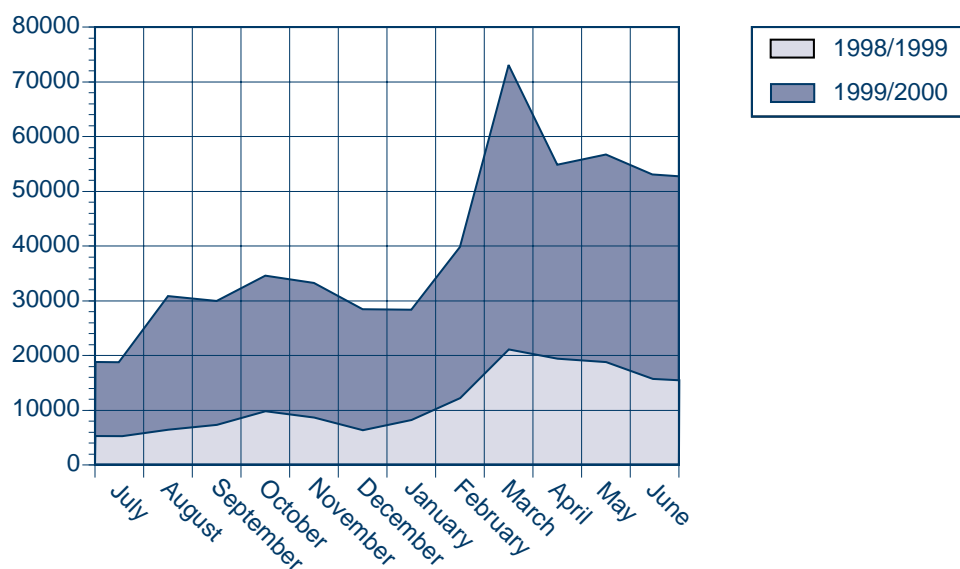


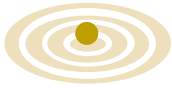


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Requests Made





Promotion of Evidence Based Practice

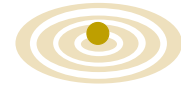
The Collaboration recognises that the implementation of best practice information is reliant on; access to the information, effecting a change in culture that recognises the value of the evidence based health care (EBHC) approach, and provision of mechanisms to facilitate change. To this end the Collaboration 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.

2nd Australasian Colloquium for Evidence Based Nursing

In keeping with the Institute's commitment to promote evidence based health care and supporting the development of this approach, the 2nd Australasian Colloquium for Evidence Based Nursing was conducted in February 2000 in Brisbane. Hosted on behalf of the Institute by the Queensland Centre for Evidence Based Nursing and Midwifery and the Queensland University of Technology, the Colloquium reflected the changes occurring in evidence based nursing in the region. There were a number of presentations by nurses who had conducted systematic reviews building on the base of evidence available. Other presenters reported on how the profession is using the evidence to implement change in practice. Clearly many health organisations are now committed to the approach and are working toward refining the processes involved.



Mater Misericordiae Childrens Hospital, Queensland



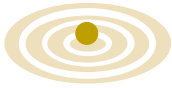
NI2000 7th International Congress of Nursing Informatics, Post Congress

In New Zealand in May 2000 the 7th International Congress of Nursing Informatics was held. In conjunction with this event a Post Congress gathering was organised to bring together leaders in the nursing informatics field. The purpose of the Post Congress was to explore issues of importance to nursing informatics and this year's theme being the use of informatics in evidence based practice. The Joanna Briggs Institute for Evidence Based Nursing & Midwifery was represented by Rick Wiechula (Lead Centre Adelaide), Linda Johnston (Victorian Centre for Evidence Based Nursing) and John McArthur (New Zealand Centre for Evidence Based Nursing) who also organised the Post Congress. The output from this event will be published in proceedings by the International Medical Informatics Association.

A range of promotional and educational activities relating to evidence based health care have been undertaken by all collaborating centres.



Attendees of the NI2000 Post Congress, New Zealand



THE JOANNA BRIGGS INSTITUTE
FOR EVIDENCE BASED NURSING AND MIDWIFERY

Lead Centre South Australia

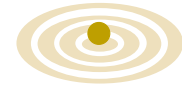
Based at Royal Adelaide Hospital and Adelaide University, South Australia, the Lead Centre is the headquarters and coordinating site for the Collaboration. The following reports detail activities specific to the Lead Centre and its staff in addition to activities that have been undertaken in conjunction with other JBIEBNM Centres. This reflects the dual role of the Adelaide office as Lead Centre for the Collaboration and Centre for the state of South Australia.



Royal Adelaide Hospital, South Australia



Margaret Graham Building, Royal Adelaide Hospital, South Australia



Lead Centre Staff

Director (until 22nd October 1999)

Alan Pearson, RN, ONC, DipNursEd(CAN),
DANS, MSc(Manch), PhD(London),
FRCNA, FCN(NSW), FRCN

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

Coordinator Education and Implementation

Kate Cameron, RN, OncNursCert,
GradDipNurs(USA), MNSc(Adelaide)

Coordinator Clinical Information

Craig Lockwood, RN, BN(UniSA),
GradDipClinicalNursing(Adelaide), MRCNA

Coordinator Primary Research

Kenneth Walsh RPN, RGN, BNurs(UNE),
PhD(Adelaide)

Research Officer Evaluation & Reviews

Brent Hodgkinson BSc(Hons)(Ottawa),
MSc(Ottawa)

Communications Officer

Anthea Court

Manager Administration

Roy Sneddon

Secretary

Annette Hoffrichter

Staff Changes

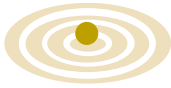
In October 1999 Professor Alan Pearson resigned his position as founding Director of The Joanna Briggs Institute and has moved to LaTrobe University as the Professor of Nursing in the School of Nursing. Professor Pearson will become the Director of the Residential Aged Care Centre of JBIEBNM, based at LaTrobe University, later in 2000.

Ms Jodi Loxton resigned her position in December 1999 after four months maternity leave. Ms Loxton had been the Communications Officer with The Joanna Briggs Institute and Department of Clinical Nursing, Adelaide University for the previous three years.

Ms Kate Cameron also resigned her position with the Institute at the end of June 2000. Ms Cameron has also been with the Institute since its inception in December 1996. She will be commencing full time study in a PhD program with the Department of Clinical Nursing, Adelaide University.



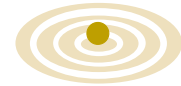
Lead Centre Staff in front of the Margaret Graham Building



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.

- Dr Andrea Averis, RN, RM, BSc(Adelaide), MSc(PHC)(Flinders), PhD(Flinders), FRCNA, FCN(NSW)
- Ms Judith Berry, RN, BNurs, MNSc(Deakin), MRCNA
- Dr Sally Borbasi, RN, RMRN, CritCareCert, DipT(Nur)(ACAE) BEd, MA(Ed), PhD, MRCNA
- Ms Marg Cattonar, RN, BNurs, MNSc(Adelaide)
- Mr Barry Dudley, RN, BNurs
- Mr John Field, RN, BLegSt(Maquarie), ADNE(Cumberland), GradCertManag(UNE), FCN(NSW), FRCNA
- Dr Mary FitzGerald, RN, DipNurs(London), MNurs(Wales), PhD(UENE), FRCNA
- Ms Helen Jeffrey, RN, BNurs, MNSc(Adelaide)
- Ms Leonie Lambert RN, DipAppSc(Nurs), DipAppSc(NursManag), BNurs(SACAE)
- Dr Leslye Long, RN, CritCareCert, CorCareCert, DipAppSc(Nurs)(SACAE), BAppSc(Nurs)(SACAE), MHA(UNSW), PhD(Flinders), MRCNA
- Ms Lorraine Maguire, RN, BBus(HAdmin)
- Dr Helen McCutcheon, RN, RM, BA(Adelaide), MHP(Adelaide), PhD(UniSA)
- Dr Bart O'Brien, RN, DipAppSc(Nurs)(Flinders), BNurs(Flinders), PhD(Deakin), MRCNA
- Ms Ann O'Donnell RN, RPN, DipAppSc(Nurs)(Flinders), BNurs(Flinders), Grad Dip HCouns(UniSA), ANZCHN, AFCHSE, CPE
- Ms Sue O'Neill, RN, BNurs, MNSc(Adelaide)
- Ms Robyn Parkes, RN, BNurs
- Ms Kathleen Read, RN, CritCareCert, IntCareCert, DipAppSc(NursManag)(SACAE), BNurs(SACAE), MNSc(Adelaide)
- Ms Heidi Silverston, RN, OncNursCert, BNurs(Flinders), CHE
- Ms Jackie Wood, RN, BNurs



Staff Involvement in Adelaide University and Royal Adelaide Hospital Activities

In addition to core activities of The Joanna Briggs Institute for Evidence Based Nursing and Midwifery that are detailed in this report, staff of the Lead Centre are involved in a range of supplementary activities within Adelaide University and Royal Adelaide Hospital that reinforce the collaborative nature of this joint venture.



Professor Alan Pearson

Adelaide University activities;

Professor Alan Pearson was Head of the Department of Clinical Nursing. He chaired the Departmental Committee, and was a member of the Academic Board, the Advisory Committee for Nursing Studies, the Research and Higher Degrees Sub-Committee, the Curriculum and Academic Review Committee and, is a member of the University Research Policy and Grants Committee. He was also responsible for Honours Degree studies. Since taking up his position with LaTrobe University in October 1999, Professor Pearson maintains association with Adelaide University as Adjunct Professor of Clinical Nursing.

Royal Adelaide Hospital activities;

Professor Pearson was a member the Nursing Executive Committee.



Mr Rick Wiechula

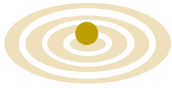
Adelaide University activities;

Mr Wiechula is a Clinical Lecturer in the Department of Clinical Nursing. Principal activities within the Department include supervision of Honours and Masters students, and Clinical Title Holders undertaking the course, Clinical Effectiveness. Mr Wiechula has contributed to teaching in the following courses: Graduate Diploma in Emergency Nursing, Graduate Diploma in Peri-Operative Nursing and Doctor of Nursing. He is a member of the Departmental Committee, Research and Higher Degrees Sub Committee, and is the JBIEBNM nominee for the Departmental Professional Advisory Committee.

Mr Wiechula is the Department of Clinical Nursing's representative on Adelaide University, China Reference Group. He also supervises the arrangements for the Joan Durdin Oration.

Royal Adelaide Hospital activities;

Mr Wiechula is a member of Quality Council, Nursing and Patient Care Services and the Clinical Practice Unit Working Party. He has been researcher for the Wound Care Practice Manual Working Parties. Mr Wiechula has provided lectures in the Surgical Assistants course and presented papers at Nursing Forum.



Mr David Evans

Adelaide University activities;

Mr Evans is a Clinical Lecturer in the Department of Clinical Nursing. He acts as an advisor to Doctor of Nursing students who are undertaking systematic reviews through The Joanna Briggs Institute. He has supervised one Honours student and two Masters students during the past year. He has also contributed to teaching in the Doctor of Nursing.

Royal Adelaide Hospital activities;

Mr Evans has provided support for Royal Adelaide Hospital staff during the development of research proposals as part of the Clinical Effectiveness Course.



Ms Kate Cameron

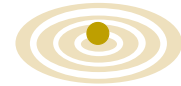
Adelaide University activities;

Ms Cameron was responsible for coordinating the Graduate Diploma of Oncology Nursing. She developed and taught the subjects Nursing and Medical Science in Oncology I & II and updated and taught Oncology Nursing I & II. She supervises students undertaking the Clinical Effectiveness Course and has contributed to teaching in the Graduate Diploma in Emergency Nursing, the Graduate Diploma in Orthopaedic Nursing, and in the subject Developing Advanced Nursing Practice in

Contemporary Health Systems I. She is responsible for developing and coordinating short courses in cancer nursing. She has provided lectures at hospitals, in metropolitan and rural regions on cytotoxic chemotherapy administration. She was involved in teaching and assessing (OSCE) in the third year medical students program and is a member of the Practice Advisory Committee.

Royal Adelaide Hospital Activities

Ms Cameron was involved in development of the RCT proposal investigating the efficacy of interventions to prevent and treat oral mucositis in patients with cancer. Ms Cameron has been involved as a researcher for the Oral Mucositis and Patient Movement Unit of Care Reviews conducted at Royal Adelaide Hospital. She has been involved in teaching various aspects of oncology nursing in Royal Adelaide Hospital in conjunction with Staff Development Department education programs (also conducted at the Hampstead Site) and chairs the Oncology Course Advisory Committee. Ms Cameron has provided regular updates on evidence based nursing and presented the findings of specific systematic reviews at Royal Adelaide Hospital, and also at the Hampstead and Glenside sites.



Mr Craig Lockwood

Adelaide University activities;

Mr Craig Lockwood is a member of the Departmental Committee and is an Objective Structured Clinical Examination (OSCE) examiner for the 3rd year Medical Students program. He is also a Clinical Title Holder for Adelaide University. He is a member of the research and higher degrees sub committee.

Royal Adelaide Hospital activities;

Mr Craig Lockwood has an ongoing function as researcher for working parties on unit of care (UOC) reviews. He has assisted in the completion of UOC reviews and the redevelopment of Excelcare units of care. Other research activities include performing integrative reviews on an as needed basis for corporate members, nurse clinicians and administrative staff of Royal Adelaide Hospital.



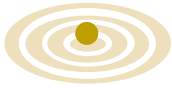
Mr Brent Hodgkinson

Adelaide University activities;

Mr Hodgkinson is an Affiliate Lecturer with Adelaide University and has provided guidance on quantitative research design for several honours, post graduate and graduate diploma nursing students.

Mr Hodgkinson has also given lectures on the design of randomised control trials for graduate diploma students.

In addition to the range of activities performed by individual staff of the Institute, JBIEBMM has provided financial and professional support to Doctoral students of Adelaide University undertaking systematic reviews.



Dr Kenneth Walsh

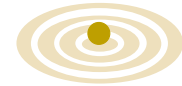
Adelaide University activities;

Dr Kenneth Walsh is a Lecturer in the Department of Clinical Nursing. He chairs the Academic Progress Committee, and is a member of the Departmental Committee. In addition Dr Walsh is a member of the Bachelor of Health Science Committee, the Grants and Personnel Sub-Committee of the Faculty of Health Science Research Committee and is the Adelaide University Representative on the Expert Panel for the Nurses' Board of South Australia. Dr Walsh coordinates Postgraduate Diplomas in Community Psychiatric Nursing (which is an award offered in collaboration with the University of South Australia, Flinders University of South Australia and the South Australian Health Commission) and Clinical Nursing; the Graduate Certificates in Retrieval Nursing, Apheresis Nursing and Hyperbaric Nursing and the Bachelor of Health Science (Honours) program. He also contributes to teaching in a number of other courses including the 3rd year Bachelor of Medicine and Bachelor of Surgery (MBBS) clinical skills program. Dr Walsh Coordinates the Master of Nursing Science program and the Doctor of Nursing subject Predicting, Critiquing and Visioning in Nursing. He also supervises a number of PhD, Doctor of Nursing and Master of Nursing Science students.

Royal Adelaide Hospital activities;

Dr Walsh is involved in Units of Care (UOC) reviews and contributes to staff development teaching in Royal Adelaide Hospital, Eastern Community Mental Health Services and Statewide Mental Health Services. Dr Walsh has been involved in collaborative research

with Royal Adelaide Hospital staff in the areas of attempted suicide by overdose, patterns of nursing care and models of clinical supervision. He is a member of the clinical supervision group at Eastern Community Mental Health, Enfield, the Research Committee of Eastern Community Mental Health Service and the Transcultural Mental Health Network of South Australia.

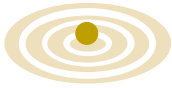


Notable Professional and Community Activities

Professor Alan Pearson

Fellow, Institute of Nurse Executives
Fellow, NSW College of Nursing
Fellow, Royal College of Nursing, Australia
Fellow, Royal College of Nursing (UK)
Member, Association for Australian Rural Nurses
Member, Australian Association of Gerontology
Member, Australian Council of Deans of Nursing Inc.
Member, Australian Nurses Federation
Member, Australian Society of Authors
Member, External Advisory Committee, Health Outcomes Unit, South Australian Health Commission
Member, Editorial Advisory Board, Australian Journal of Gerontology
Member, Editorial Advisory Board, Australian Journal of Holistic Nursing
Member, Editorial Advisory Board, Collegian
Member, Editorial Advisory Board, Contemporary Nurse
Member, Editorial Advisory Board, Health Sciences and Nursing
Member, Editorial Advisory Board, Lincoln Papers in Gerontology
Member, Editorial Advisory Board, Journal of Holistic Nursing
Member, Ethics Committee, The Adelaide Clinic
Member, Executive Committee, Nurse Leaders Forum, Royal College of Nursing, Australia (SA Chapter)
Member, Geriaction
Member, International Editorial Advisory Board, Journal of Advanced Nursing
Member, International Editorial Advisory Board, Journal of Clinical Nursing

Member, International Editorial Advisory Board, Journal of Nursing Management
Member, International Editorial Advisory Board, Social Science Research in Health
Member, Nursing Workforce Planning Committee, South Australian Health Commission
Member, Planning Team for the 3rd, 4th and 5th Nursing Practice Conference
Member, Scientific and Research Advisory Committee, Continence Foundation Australia
Member, South Australian Health Commission, Transplant Advisory Committee: Adelaide
Chairperson, Aged Care Complaints Scheme, Commonwealth Department of Health and Aged Care
Editor, International Journal of Nursing Practice (Blackwell Science)
External Examiner, Department of Nursing, Chinese University of Hong Kong
External Examiner, Open University of Hong Kong
Grant Application Assessor, Australian Research Council
Grant Application Assessor, CAUT, National Teaching Development Grants
Grant Application Assessor, Healthway Grants, Western Australia, WA.
Grant Application Assessor, National Health and Medical Research Council
Grant Application Assessor, Women's & Children's Hospital Research Foundation
Patron, Barwon Region Nursing Research Association Inc.
Theses Examiner, Flinders University of South Australia
Theses Examiner, LaTrobe University
Theses Examiner, Monash University
Theses Examiner, Royal Melbourne Institute of Technology



Theses Examiner, University of Queensland

Theses Examiner, University of Tasmania

Theses Examiner, University of Wollongong

Mr Rick Wiechula

Committee Member, South Australian Wound Management Association

Member, Australian Nursing Federation

Member, Australian Wound Management Association

Member, Australian Wound Management Association, Pressure Ulcer Interest Sub Committee

Member, Royal Adelaide Hospital Nurse Education Fund

Member, Royal College of Nursing Australia

Member, South Australian Wound Management Association

Peer Reviewer, International Journal of Nursing Practice

Member, Editorial Board, Primary Intention

Webmaster, South Australian Wound Management Association

Mr David Evans

Member, Australian Patient Safety Foundation

Member, National Falls Task Force

Member, Royal College of Nursing Australia

Peer Reviewer, Australian Critical Care Journal

Peer Reviewer, Australian Journal of Advanced Nursing

Peer Reviewer, International Journal of Nursing Practice

Grant Application Assessor, Northern Sydney Area Health Service Research Grants Committee

Ms Kate Cameron

Executive Committee Member, Cancer Nurses Society of Australia (SA Representative)

Committee Member, South Australian Oncology Group

Member, Australian Nursing Federation

Member, Clinical Oncological Society of Australia

Member, NSW Intravenous Nursing Association

Member, Royal Adelaide Hospital Nurses Education Fund

Grant Application Assessor, Queensland University of Technology

Reviewer, International Journal of Nursing Practice

Mr Craig Lockwood

Member, Australian Nursing Federation

Member, Royal Adelaide Hospital Nurse Education Fund

Member, Royal College of Nursing Australia

Dr Kenneth Walsh

Member, Australian and New Zealand College of Mental Health Nurses

Member, Royal College of Nursing

Peer Reviewer, The Australian & New Zealand Journal of Mental Health Nursing

Peer Reviewer, International Journal of Nursing Practice

Theses Examiner, University of New England

Theses Examiner, University of South Australia

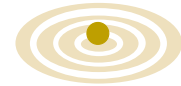
Theses Examiner, University of Tasmania

Theses Examiner, Flinders University

Theses Examiner, RMIT

Mr Brent Hodgkinson

Peer Reviewer, International Journal of Nursing Practice



Staff Development

Mr Rick Wiechula is currently enrolled in the Doctor of Nursing with Adelaide University. In December 1999 he completed the short course, Economic Evaluation in Health Care at the University of Western Australia.

Mr David Evans is currently a PhD candidate with Adelaide University.

Ms Kate Cameron was awarded a PhD scholarship by the Anti-Cancer Foundation of South Australia in 2000 and will begin her candidature in August 2000.

Mr Craig Lockwood is currently enrolled in the Master of Nursing Science with Adelaide University. In December 1999 he completed the short course, Economic Evaluation in Health Care at the University of Western Australia.

Significant Events

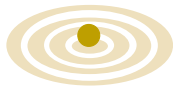
The 3rd Practice Advisory Forum meeting was held in March 2000 at Memorial Hospital to report to corporate members on The Joanna Briggs Institute activities. Potential systematic review topics were discussed and four selected for the forthcoming year. The topics selected were:

- Temperature management during the peri-operative period.
- Management of subluxation of shoulder post neurological event.
- Effectiveness of programs aimed at preventing suicide.
- Care-giver support for women during childbirth.

This meeting was well attended and supported by corporate members.



Department of Clinical Nursing, Adelaide University, South Australia



Notable Visitors to the Institute

Health service professionals and scholars:

Ms Rosemary Bryant (1999 Joan Durdin Orator)

Director of Nursing Policy and Planning,
Department of Health, Victoria

Ms Maureen Coombs

Senior Sister Intensive Therapy Unit, John
Radcliffe Hospital, Oxford, UK

Ms Ann Dillon

Senior Sister Intensive Therapy Unit,
Portsmouth Hospital, Portsmouth, UK

Professor Colin Holmes

Professor, University of Western Sydney,
New South Wales

Professor Alison Kitson

Professor of Nursing and Director of the
Royal College of Nursing Institute, UK

Ms Kathy Lee

General Manager (Nursing), Tung Wah
Hospital

Ms Kathleen McLean

Clinical Nurse Consultant, Glasgow Royal
Infirmary, Scotland

Professor Rhonda Nay

Professor of Gerontological Nursing LaTrobe
University, Melbourne

Professor Mike Nolan

Research Dean and Professor of
Gerontological Nursing, University of
Sheffield, School of Nursing and Midwifery,
Sheffield, UK

Professor Cynthia Stuhmiller

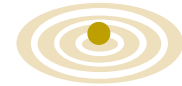
Professor of Mental Health Nursing Flinders
University of South Australia

Ms Anne Wilson

Nurse Manager, Researcher, Glasgow Royal
Infirmary, Scotland

Ms Betty Wong

Patient Relation Officer, Prince of Wales
Hospital, Hong Kong



Systematic Reviews

The following Systematic reviews have been completed by the Lead Centre during the 1999/2000 financial year.

Vital Signs

The Effectiveness of Individual Therapy and Group Therapy in the Treatment of Schizophrenia

Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infections

Knowledge Retention from Pre-Operative Patient Information

For further details of these reviews please refer to pages 10-11.

Systematic reviews still in progress are detailed below.

The Management of Acute Confusion in Hospital

Reviewer

Hodgkinson, B., Evans, D. and Lambert, L.

Review Panel

Ms 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.

Abstract

The three objectives of this review are to evaluate interventions used in the management of the confused patient in acute care hospitals, to evaluate assessment tools developed for use with confused patients, and to identify factors associated with increased likelihood of developing acute confusion during hospitalisation.

Management of Hydration in the Elderly

Reviewer

Hodgkinson, B., Evans, D. and Wood, J.

Review Panel

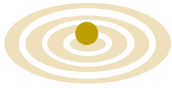
Ms Jackie Wood, Ms Bronwyn Jones, Ms Julie Devey, Ms Margaret McLean, Ms Hillary Spacey, Mr Sam Goodes, Ms Viv Turner, Ms Raquel Kneebone.

Abstract

Dehydration is one of the most common problems in elderly patients. The risks of dehydration are many and severe. Dehydration creates electrolyte disturbances that can affect the functioning of numerous organs including the heart, kidneys, and nervous system. The possible results are physical discomfort and suffering, mental confusion and organ failure that can eventuate in the death of the person.

Research into the management of hydration in the elderly has been varied and as yet there is no literature to summarise the available evidence. Therefore, this systematic review was initiated to identify then summarise the best available research evidence related to maintaining hydration in the elderly.

The review highlighted the deficiency in any rigorous research into the management of hydration in the elderly. From numerous studies, risk factors and methods of assessment were examined and evaluated.



Evaluation Cycles

The following Evaluation Cycle has been completed.

Promoting *Best Practice* in the Prevention and Treatment of Pressure Ulcers

For more detail regarding this study please refer to page 16.

The following Evaluation Cycles are being coordinated by the Lead Centre:

Best Practice in the Management of Peripheral Intravascular Devices

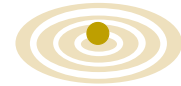
Best Practice in the Prevention of Falls

Best Practice in the Prevention and Management of Mucositis

For more detail regarding these studies please refer to pages 17-18.



Mater Misericordiae Childrens Hospital, Queensland



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 1999/2000.

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 Promotions Unit, Royal Adelaide Hospital.

The aim of this review was to establish what were the most effective interventions for smoking cessation that may be applied in a hospital setting. A large number of high quality systematic reviews were identified. These reviews were assessed for inclusion criteria and quality and the result synthesised using a narrative summary. The methodology developed by Joanna Briggs Institute for Evidence Based Nursing and Midwifery staff has the potential to be used widely as the number and breadth of systematic reviews published increases.

Systematic Review of Models of Undergraduate Clinical Education, Nursing Curricula and Transition Support for New Graduates

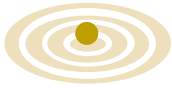
Consultant Reviewers/Researchers

Dr Mary FitzGerald, Prof Jan Pincombe, Dr Helen McCutcheon, Mr David Evans, Mr Rick Wiechula.

This consultancy for a systematic review was commissioned by the Queensland Nursing Council and is being conducted by The Department of Clinical Nursing and The Joanna Briggs Institute for Evidence Based Nursing and Midwifery. The consultancy was commenced in June 1999 and is due for completion in January of 2001.



Adelaide University, South Australia



Primary Research

The Institute is undertaking 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 1999. A series of new and revised proposals have been submitted in 2000 for possible funding in 2001. The proposals are as follows:

NHMRC

Comparing the Effectiveness of Full versus Half versus No Bedrails in the Prevention of Falls

A randomised control trial. Funding of approximately \$135,000 requested over two years.

Investigators: Prof A Pearson, Dr H McCutcheon.

The Effect of Staff Education on the Incidence and Sequelae of Patient Falls in an Acute Hospital

Funding of approximately \$240,000 over three years.

Investigators: Prof A Pearson, Mr D Evans, Mr B Hodgkinson, Dr M FitzGerald.

The Prevention of Repeat Falls in a Sample of Acute Hospitals and Residential Aged Care Facilities in Victoria and South Australia

Funding of approximately \$240,000 over three years.

Investigators: Prof A Pearson, Dr M FitzGerald, Mr R Wiechula, Mr D Evans, Prof H Cox.

A Comparison of Mouthwashes in the Treatment of Chemotherapy Induced Oral Mucositis

Funding of approximately \$84,000 over two years.

Investigators: Prof A Pearson, Dr K Walsh, Dr L Long, Ms K Cameron.

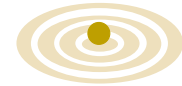
Developing Approaches to Using Qualitative Research in Evidence Based Practice

Funding of approximately \$155,000 over three years.

Investigators: Prof A Pearson, Prof A Street, Mr D Evans, Dr T McCann.



Royal Adelaide Hospital, South Australia



NHMRC – New Investigator Grants

The Efficacy of Vital Signs in the Early Detection of Adverse Events for Post Operative Patients

A randomised control trial. Funding of approximately \$74,000 requested over two years.

Investigators: Dr H McCutcheon, Dr K Walsh, Dr M FitzGerald.

ARC

Exploration of Wellness of People within the Context of a Chronic Illness.

Funding of approximately \$71,490 over two years.

Investigators: Prof T Koch, Prof A Pearson, Dr M FitzGerald.

A Survey of Meal-Time Practice in Victorian and South Australian Nursing Homes

Funding of \$256,000 over three years.

Investigators: Prof A Pearson, Dr M FitzGerald.

SPIRT Grants

Consumer Involvement in the Health Care System: The Development of a Response Model for a Large Tertiary Hospital

Funding of \$190,507 over three years.

Investigators: Dr M FitzGerald, Associate Prof K Challenger, Dr H McCutcheon.

The Identification, Development and Evaluation of Consumer, Funder, and Provider-Sensitive Key Performance Indicators for Public Acute Care Hospitals

Funding of \$512,402 over three years.

Investigators: Prof A Pearson, Dr M FitzGerald, Associate Prof K Challenger, Dr K Walsh.

Patient Satisfaction: The Development and Evaluation of a Hospital Patient Satisfaction Survey.

Funding of \$70,767 over three years.

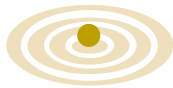
Investigators: Dr M FitzGerald, Associate Prof K Challenger.

Other

The Efficacy of Low Intensity Infrared Laser Radiation in the Treatment of Radiotherapy Induced Oral Mucositis.

A pilot study.

Investigators: Dr K Walsh, Mr R Wiechula, Dr L Long, Dr I Olver, Dr T Van Dorn.



Publications

The following are publications released by The Joanna Briggs Institute, staff and research associates during 1999/2000.

Systematic Reviews

Evans D, Hodgkinson B. and Berry J. 1999, *Vital Signs. A Systematic Review No. 4*. JBIEBNM, Adelaide.

Hodgkinson B, Evans D, O'Donnell A, Nicholson J. and Walsh, K. 2000, *The Effectiveness of Individual Therapy and Group Therapy in the Treatment of Schizophrenia. A Systematic Review No. 5*. JBIEBNM, Adelaide.

Dunn S, Pretty L, Reid H and Evans D. 2000, *Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infections. A Systematic Review No. 6*. JBIEBNM, Adelaide.

Hodgkinson B, Evans D. and O'Neill S. 2000, *Knowledge Retention from Pre-Operative Patient Information A Systematic Review No. 7*. JBIEBNM, Adelaide.

Evaluation Cycle Report

Pearson A, Wiechula R, Nay R, Mitchell A and Hodgkinson B. 2000, *Promoting Best Practice in the Prevention and Treatment of Pressure Sores Evaluation Cycle No. 1*. JBIEBNM, Adelaide.

Best Practice Information Sheets

JBIEBNM. 1999, *Vital Signs Best Practice Volume 3, Issue 3*, Blackwell Science-Asia.

JBIEBNM. 1999, *The Effectiveness of Individual Therapy and Group Therapy in the Treatment of Schizophrenia Best Practice Volume 3, Issue 4*, Blackwell Science-Asia.

JBIEBNM. 2000, *Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infections Best Practice Volume 4, Issue 1*, Blackwell Science-Asia.

Monographs/Books and Research Reports

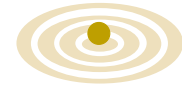
Averis A (ed). 1999, *Compendium of Nursing Research and Practice: Royal Adelaide Hospital and Department of Clinical Nursing*, Adelaide University, Adelaide.

Field J. 1999, *Legal Issues and Rights. A New Framework*. In: *Nursing Older People. Issues and Innovations*. eds R. Nay & S. Garrett Sydney, MacLennan and Petty. pp. 119-132.

FitzGerald M. 1999, *The Experience of Chronic Illness. A Phenomenological Approach*. In: *Nursing Older People. Issues and Innovations*. eds R. Nay & S. Garrett Sydney, MacLennan and Petty. pp. 40-63.

Pearson A. 1999, *Evidence-Based Nursing — Quality Through Research*. *Nursing Older People. Issues and Innovations*. eds R. Nay & S. Garrett Sydney, MacLennan and Petty. pp. 338-352.

Pearson A, FitzGerald M, Walsh K, Long L, Borbasi S and Heinrich N. 1999, *Patterns of Nursing Care*, Adelaide University Nursing Research Monograph Series, Adelaide University, Adelaide.



Journal Articles

- Borbasi S. 1999, Advanced Practice / Expert Nurses: Hospitals Can't Live Without Them. *Australian Journal of Advanced Nursing*, 16(3): 21-29.
- Evans D, Hodgkinson B, Lambert L and Wood J. 1999, Fall Prevention: A Systematic Review. *Clinical Effectiveness in Nursing*, 3,106-111.
- Evans D and Kowanko I. In press Literature Reviews: Evolution of a Research Methodology, *Australian Journal of Advanced Nursing*.
- FitzGerald M, Hodgkinson B, Thorp D. 1999, Blood Transfusion from the Recipient's Perspective. *Journal of Clinical Nursing*, 8(5):593-600.
- Hegney D, McCarthy A and Pearson A. 1999, Effects of Size of Health Service on Scope of Rural Nursing Practice, *Collegian*, 6(4), 21-22.
- Hodgkinson B, FitzGerald M, Borbasi S and Walsh K. 1999, Towards Safer Blood Transfusion Practice. *Journal of Quality in Clinical Practice*, 19(1):63-7.
- Jones T and Evans D. 2000, Conducting a Systematic Review, *Australian Critical Care Nursing Journal*, 13(2), 66-71.
- Pearson A, Francis K, Hodgkinson B and Curry G. 2000 The Prevalence and Treatment of Pressure Ulcers in Northern New South Wales. *The Australian Journal of Rural Health*, 8(2):103-10.
- Walsh K. 1999, Shared Humanity and the Psychiatric Nurse-Patient Encounter. *Australian and New Zealand Journal of Mental Health*, 8(1) 2-8.

Newsletters

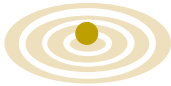
The Joanna Briggs Institute *Bulletin* is published quarterly and is disseminated to Corporate and Individual Members as well as being used as a promotional tool.

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:

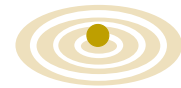
- September 1999
- November 1999
- March 2000
- June 2000





Conferences/Presentations

- Cameron, K.. *Evidence Based Nursing and Implementation*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Evans, D., *Systematic Reviews - The Process*. 'Generating and Using Research Findings to Achieve 'Best Practice' Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Evans, D. *What is the Evidence*. The Inaugural Institute of Continuing Education Conference, Glenelg, 31 March to 2 April, 2000.
- Evans, D. *Falls in Acute Hospitals, National Falls Prevention for Older People Initiative Forum*. Commonwealth Department of Health and Aged Care, Canberra, 1-2 June 2000.
- Hodgkinson, B. *Systematic Reviews - Mucositis, Confusion in the Elderly in Acute Care*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Lockwood, C. *Searching for the Evidence, Practice Manuals*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Lockwood, C. *Evidence Based Practice Manuals: Developing Services for Developing Needs*, 2nd Australasian Colloquium for Evidence Based Nursing, Brisbane, Queensland. February, 2000.
- Pearson, A., Borbasi, S., Hodgkinson, B., Walsh, K. and FitzGerald, M. *Blood Transfusion/Intravenous Cannulation Service (BTICS), Royal Adelaide Hospital, The Implementation of a Blood Transfusion Audit Process*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Pearson, A., Evans, D., Hodgkinson, B., Wiechula, R. and FitzGerald, M. *The Prevention of Repeat Falls in an Acute Care Setting*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Pearson, A., Long, L., FitzGerald, M., Borbasi, S., Walsh, K. and Heinrich, N. *Patterns of Nursing Care*. Fifth Nursing Practice Conference, Glenelg, South Australia, November 1999.
- Pearson, A., Long, L., FitzGerald, M., Borbasi, S., Walsh, K. and Heinrich, N. *Patterns of Nursing Care*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Pretty, L., Dunn, S., Reid, H. and Evans, D. *Interventions for Reducing Catheter Associated Urinary Tract Infections*. 5th Annual Meeting of the Australian Urological Nurses Society, Sydney, 21 March 2000.
- Pretty, L., Dunn, S., Reid, H. and Evans, D. *Best Practice in the Management of Urinary Catheters*. Australian Infection Control Association First Biennial Conference: Infection Control Beyond 2000, Adelaide, 4 May 2000.
- Walsh, K. *Being a Psychiatric Nurse: Shared Humanity and the Nurse-Patient Relationship*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Walsh, K. *Systematic Reviews - Depression, Schizophrenia*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.
- Walsh, K. *Humanism and Existentialism as a Basis of a New Model of Advanced Practice Assessment and Interpretation in Mental Health Nursing: Resurrecting the Lost Soul of Psychiatric Nursing*. The Fifth Nursing Practice Conference, Glenelg, South Australia, November 1999.



Walsh, K., Borbasi, S., Long, L. and Foley, D. *Royal Adelaide Hospital Drug Overdose Data Collection and Follow-up Study*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.

Wiechula, R. *Evaluation Cycles - Pressure Ulcers, IV Devices, Falls and Best Practice Impact Survey*. Generating and Using Research Findings to Achieve 'Best Practice', Symposium, Royal Adelaide Hospital, 11-15 October 1999.

Wiechula, R. *The Impact of Best Practice Information Sheets*. The 2nd Australasian Colloquium for Evidence Based Nursing and Midwifery, Brisbane, February 2000.

Wiechula, R. *Evidence Based Research Groups: Facilitating Access To The Best Available Evidence*. NI2000 Post Conference, Waikato, New Zealand, May 2000.

Wiechula, R., Lockwood, C. and Hodgkinson, B. *Changing Practice: Implementing the Best Available Evidence*. Speech Pathology Australia National Conference, Adelaide South Australia, 8-12 May 2000.

The Joanna Briggs Institute exhibited at the following conferences

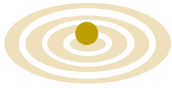
Fifth Nursing Practice Conference, Adelaide, November 1999.

2nd Australasian Colloquium for Evidence Based Nursing "Getting a Grip on the Evidence", Brisbane, February 2000.

Critical Care Conference, Adelaide, March 2000.

NI2000 7th International Congress of Nursing Informatics, Auckland, New Zealand, May 2000.





Workshops/Courses

Mr David Evans

Conducted *Systematic Reviews of Nursing Research* - 2 half-day workshops, 2nd Australasian Colloquium for Evidence Based Nursing and Midwifery, Brisbane, February 2000.

Conducted *An Introduction to Systematic Reviews* - 1 day workshop, LaTrobe University, April 2000.

Conducted *Systematic Reviews of Nursing Research* - 3 day workshop, LaTrobe University, April 2000.

Conducted *Systematic Reviews of Nursing Research* - 2 one day workshops, Royal Childrens Hospital, Brisbane, May 2000.

Conducted *Systematic Reviews of Nursing Research* - 1 day workshop, Mater Hospitals, Brisbane, May 2000.

Ms Kate Cameron

Presented *Introductory Workshops on Evidence Based Nursing and Midwifery*, Rotorua, Auckland, Christchurch and Dunedin Hospitals, New Zealand, July 1999.

Presented *Care of the Chemotherapy Patient*, Hampstead Rehabilitation Centre, Royal Adelaide Hospital. July 1999.

Presented *Advanced Oncology Nursing Practice in the Haematology/Oncology Nursing Program*, Flinders Medical Centre, Adelaide. September 1999.

Presented on *Evidence Based Nursing Practice* at Port Pirie Regional Health Service and Laura & District Hospital Inc. September 1999.

Coordinated and presented in Chemotherapy Administration: Short Course, Royal Adelaide Hospital. September-November 1999.

Co-facilitated and presented a Chemotherapy Administration workshop held in Alice Springs Hospital, Territory Health Services. November 1999.

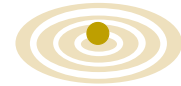
Presented on *Evidence Based Nursing* at Prince Charles Hospital, Brisbane. February 2000.

Guest speaker at the South Australian Oncology Group, on the Cancer Nurses Society of Australia. February 2000.

Invited speaker 'Evidence Based Nursing' Education Seminar, International Nurses Day, Princess Margaret Hospital, Christchurch. May 2000.

Presented *Conducting Promotional and Educational Evidence Based Nursing and Midwifery Workshops*, for and education and support provided to staff members, Victorian JBI Centre, March 2000.

Introductory Workshops on Evidence Based Nursing and Midwifery for corporate members in metropolitan and regional areas.



Craig Lockwood

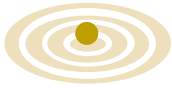
Presented *An Overview and Introduction to the Use of an Evidence Based Practice Manual* Ashford Hospital, Adelaide, October 1999.

Presented an integrative review and clinical education package on *Wound Pain Management* at the South Australian Wound Management Association, November 1999.

Brent Hodgkinson

Conducted *Conducting a Systematic Review* Half and 1 day workshops, Royal Darwin Hospital, October 1999.

Conducted *Conducting a Systematic Review* Half and 1 day workshops, Alice Springs Hospital, March 2000.



Financial Statement

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery

Profit and Loss Statement

Year Ending 30 June 2000

Revenue

Carried Forward

Opening Balance	\$ <u>116,897.96</u>	\$116,897.96
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Revenue Raised

Dept of Human Services Grant	\$250,000.00	
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Membership & Other Revenue	\$ <u>188,180.25</u>	\$ <u>438,180.25</u>
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Total Revenue Raised

\$555,078.21

Less Operating Expenses

Salaries and Wages

Salaries and Wages	\$ <u>266,844.80</u>	\$266,844.80
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Goods and Services

Printing	\$95,838.12	
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Photocopying	\$4,613.07	
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Telephone	\$432.58	
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Office and General Expenses	\$60,968.79	
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Advertising	\$4,684.43	
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Stationary Issues and Supplies	\$20,689.20	
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Postage	\$18,123.51	
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Fees and Charges	\$13,644.08	
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Equipment	\$8,225.00	
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Repairs	\$2,942.65	
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Computer	\$395.00	
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Travel	\$13,919.49	
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Consultants Fees	\$10,500.00	
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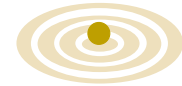
Course/Conference Fees	\$ <u>7,031.96</u>	\$ <u>262,007.88</u>
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Total Operating Expenses

\$528,852.68

Operating Profit (Loss)

\$26,225.53



The Hong Kong Centre for Evidence Based Nursing and Midwifery

Department of Nursing
The Chinese University of Hong Kong
July 1999 - June 2000

Centre Staff

Director

Professor Anne Chang

Deputy Director

Professor Janita Chau

Core Team/Management Committee

Professor Sally Chan

Professor Alex Molassiotis

Ms Betty Wong

Dr Sheila Twinn

Ms Becky Ho

Ms Rossini Lam

Ms Idy Lee

Advisory Panel

Professor Anne Mackenzie, Chairman &
Head of Dept. of Nursing Chinese
University of Hong Kong

Professor Anne Chang, Director of the
Hong Kong Centre for Evidence Based
Nursing and Midwifery

Professor T.F. Fok, Associate Dean,
Faculty of Medicine, Chinese University of
Hong Kong

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

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

Dr William Wong, Clinical Coordinator,
Prince of Wales Hospital

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

Dr Dickson Chang, Deputy Director,
Hospital Authority

Ms Susie Lum, Senior Executive Manager,
Nursing, Hospital Authority

Mr Michael Ho, Legislative Council
Member, Hong Kong Special Administrative
Region

Ms Betty Woo, Chief Nursing Officer, Dept.
of Health, Hong Kong Special
Administrative Region

Management Committee

Professor Anne Chang

Ms Peggy Chan, Ward Manager, Prince of
Wales Hospital

Professor Sally Chan, Dept. of Nursing,
Chinese University of Hong Kong

Professor Janita Chau, Dept. of Nursing,
Chinese University of Hong Kong

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

Professor Lam Lai Wah, Dept. of Nursing,
Chinese University of Hong Kong

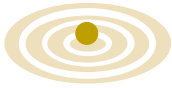
Ms Rossini Lam, Nursing Officer, Surgical
Dept., Prince of Wales Hospital

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

Professor Valerie Levy, Dept. of Nursing,
Chinese University of Hong Kong



Anne Chang, Hong Kong



Significant Events

There have been four meetings of the Management Committee and one meeting of the Advisory Panel of the Hong Kong Centre for Evidence Based Nursing and Midwifery. 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 and in the implementation of evidence based health care in the clinical setting.

Planning for Workshop to introduce specific *Best Practice* Information Sheets to the Hong Kong nursing community. The first workshop will be in February 2000 on Prevention and Management of Pressure Sores.

Participation in literature search for studies examining the process of critical analysis of systematic reviews. Clarification of how this can be used to develop guidelines for nurses is needed.

Evidence Based Research

Systematic Reviews

“Effects of exercise on post-operative outcomes of adults” is currently at the data extraction stage of the review process. Due to staff changes the completion of this review has to be postponed until 2000. The data extraction process should be completed by February and the development of the *Best Practice* Information Sheet will follow.

Implementation of *Best Practice* Information Sheets

The Deputy Director of the Hong Kong Centre is a member of the newly established subcommittee for the implementation of *Best Practice* Information Sheets in the Prince of Wales Hospital. Strategies for implementation such as development of protocols and education programmes are being prepared for the implementation of a series of *Best Practice* Information Sheets.

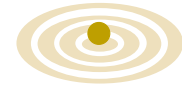
Evaluation Cycles

Participation in the final stage of the evaluation cycle for the *Best Practice* Information Sheet for Falls was completed in October 1999.

A study on the evaluation of mucositis best practice Information has commenced.



Prince of Wales Hospital, Hong Kong



Completed Research Projects

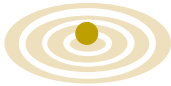
- Nahas, V., Chang, A.M., Molassiotis, A. and Chan, D.S. 1998, Follow up study of evaluation of peripheral intravascular access devices: Nursing management of peripheral intravascular access devices.
- Wootton, Y.S.Y., Wills, B., Chang, A.M., W.Y. Ip and Cheung, T.H. 1998, Comparative analysis of patient-controlled analgesia versus traditional intramuscular injection in Chinese women undergoing elective gynaecological surgery.

Project Commenced

- Chang, A.M., Molassiotis, A., Chan, C.W.H. and Lee, Y.M. Nursing management of oral mucositis in cancer patients. HK \$377,220.

Publications

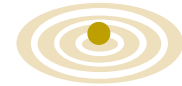
- Chan, S., and Wong, K.F. 1999, Development of Basic Nursing Education in China and Hong Kong. *Journal of Advanced Nursing*, 29(6), 1300-1307.
- Chan, S., Mackenzie, A.E. and Jacobs, P. 2000,. Cost-Effectiveness Analysis of Case Management versus a Routine Community Care Organization for Patients with Chronic Schizophrenia. *Archives of Psychiatric Nursing*, XIV(2), 98-104.
- Chan, S., Mackenzie, A.E., Ng, D.T.F. and Leung, K.Y. 2000, An Evaluation of the Implementation of Case Management in the Community Psychiatric Nursing Service. *Journal of Advanced Nursing*, 31(1), 144-156.
- Chau, J. and Chang, A.M. 1999, Effects of an Educational Programme on Adolescents with Premenstrual Syndrome. *Health Education Research*, 14(6), 817-830.
- Chien, W.T. 2000, The Use of Physical Restraint of Hospitalized Elderly Patients. *Issues in Mental Health Nursing*, 20(6), 571-586.
- Chien, W.T. 2000, Use of Physical Restraints on Hospitalized Psychogeriatric Patients. *Journal of Psychosocial Nursing*, 38(2), 13-22.
- Holroyd, E. and Molassiotis, A. 2000, Hong Kong Chinese Perceptions of the Experience of Unrelated Bone Marrow Donation. *Social Science & Medicine*, 51, 29-40.
- Ip, W.Y. Accepted for Publication, Chinese Husband's Presence During Labour: A Preliminary Study in Hong Kong. *International Journal of Nursing Practice*.
- Kong, I.L.L. and Molassiotis, A. 1999, Quality of Life, Coping and Concerns in Chinese Patients after Renal Transplantation. *International Journal of Nursing Studies*, 36, 313-322.



- Lee, T.F.D. 1999, Residential Care Services in Hong Kong. *International Journal of Nursing Practice*, 5, 230.
- Lee, T.F.D. 1999, Transition to Residential Care: Experiences of Elderly Chinese People in Hong Kong. *Journal of Advanced Nursing*, 30(5), 1118-1126.
- Lee, Y.M.I., Chien, W.T. and Mackenzie, A.E. 2000, Needs of Families with a Relative in a Critical Care Unit in Hong Kong. *Journal of Clinical Nursing*, 9, 46-54.
- Lee, Y.M.I., Mackenzie, A.E. and Chien, W.T. 1999, Needs of Chinese Families with a Relative in a Critical Care Unit. *Journal of Clinical Nursing*, 8, 762-763.
- Levy, V. 1999, Protective Steering: A Grounded Theory Study of the Processes by which Midwives Facilitate Informed Choices During Pregnancy. *Journal of Advanced Nursing*, 29(1), 104-112.
- Lui, H.L., Lee, T.F.D. and Mackenzie, A.E. Accepted for Publication, Community Care of Chinese Elderly in Hong Kong. *Australasian Journal on Ageing*.
- Molassiotis, A. and Chan, C.W.H. Accepted for Publication, The Association of Fatigue with Febrile Neutropenia in Patients receiving radiotherapy. *European Journal of Oncology Nursing*.
- Molassiotis, A. and Holroyd, E. 1999, Assessment of Psychosocial Adjustment in Chinese Unrelated Bone Marrow Donors. *Bone Marrow Transplantation*, 24, 903-910.
- Molassiotis, A. Accepted for Publication, Fatigue Patterns in Chinese Patients Receiving Chemotherapy. *European Journal of Oncology Nursing*.
- Molassiotis, A. Accepted for Publication, The Effects of hydrocolloid dressing and gentian violet on radiation-induced moist desquamation wound healing. *Cancer Nursing*.
- Molassiotis, A., Chan, C.W.H. and Yam, B. Accepted for Publication, Quality of Life in Chinese Women with Gynaecological Cancers. *Journal Supportive Care in Cancer*.
- Ng, D.T.F., Chan, S. and Mackenzie, A.E. Accepted for Publication, Case Management in the Community Psychiatric Nursing Service in Hong Kong: Describing the Process. *Perspectives in Psychiatric Care*.
- Shiu, A.T.Y. Accepted for Publication, Fear of Hypoglycaemia among Insulin-Treated Hong Kong Chinese Patients: Implications for Diabetes Patient Education. *Patient Education and Counselling*.
- To, M.Y.F. and Chan, S. 2000, Evaluating the Effectiveness of Progressive Muscle Relaxation in Reducing the Aggressive Behaviors of Mentally Handicapped Patients. *Archives of Psychiatric Nursing*, XIV(1), 39-46.
- Twinn, S. 1999, Increasing the Uptake of Cervical Screening amongst Hong Kong Chinese Women: the Contribution of the Nurse Practitioner. *Journal of Clinical Nursing*, 8, 323-324.
- Wills, B. and Wootton, Y. 1999, Concerns and Misconceptions about Pain among Hong Kong Chinese Patients with Cancer. *Cancer Nursing*, 22(6), 408-413.

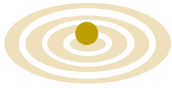


Prince of Wales Hospital, Hong Kong



Conferences/Presentations

- Chan, C.W.H. and Molassiotis, A. 2000, *The Experience and Perceptions of Fatigue in Chinese Cancer Patients*. Abstracts of the Hong Kong Symposium on Cancer Care 2000: Developments in Cancer Nursing. Hong Kong: Departments of Nursing & Clinical Oncology, The Chinese University of Hong Kong.
- Chan, C.W.H. 1999, *Support Groups: Positives & Negatives?* Abstracts of the 6th Hong Kong International Cancer Congress / 4th Research Postgraduate Symposium (p.39). Hong Kong: society for the Promotion of Hospice Care Ltd.
- Chan, C.W.H. 2000, *Evidence-Based Practice in the Management of Mucositis*. Paper presented at the Hong Kong Symposium on Cancer Care 2000: Developments in Cancer Nursing. Hong Kong: Departments of Nursing & Clinical Oncology, The Chinese University of Hong Kong.
- Chan, C.W.H. 2000, *Using Diary to Assess Fatigue in Chinese Cancer Patients - Pilot Study*. Paper presented in Cancer Related Anaemia and Fatigue Program. London: St. George's Hospital.
- Chang, A.M. and Mackenzie, A.E. 1999, *Psychosocial Aspects of Rehabilitation*. Inaugural Scientific Meeting, The Centre for Gerontology and Geriatrics, The Chinese University of Hong Kong. December.
- Chang, A.M. and Mackenzie, A.E. 2000, *Contributions and Challenges in Clinical Nursing Research*. Health Services Research Committee Symposium, Hospital Authority. 21 February.
- Chang, A.M. 2000, *The Burden of Evidence Based Practice*. 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery "Getting a Grip on the Evidence". 23-25 February.
- Ip, W.Y. 1999, *Maternal Anxiety During Pregnancy and the Mode of Delivery*. Abstracts of the Lamaze International 1999 Annual Conference: The Mosaic of Birth (p.10). Toronto, Canada: Learning Curve International.
- Ip, W.Y., Lee, F.K., Chang, A.M., Chau, J.P.C., Wootton, Y., Lee, T.F.D. and Wills, B. 1999, *Promoting Critical Thinking: The Use of Videotaped Vignettes Based on Clinical Situations in a Baccalaureate - Nursing Programme*. Abstracts of the Action Learning Project Conference (p.19). Hong Kong: The Hong Kong Polytechnic University.
- Kwok, T. and Lee, T.F.D. 1999, *Readmissions to Acute Hospitals - Can we Prevent Them?* Advances in Medicine 1999. Hong Kong: The Federation of Medical societies of Hong Kong.
- Lam, L.W. and Mackenzie, A. 2000, *Coping with a Child with Down Syndrome: The Experiences of Mothers in Hong Kong*. Abstracts of the Sixth Annual Conference: Qualitative Health Research (p.253-254). Alberta, Canada: International Institute for qualitative Methodology & University of Alberta.
- Lee, T.F.D. 1999, *Adjusting to Residential Living: the Clients' Perspective*. Proceedings of Inaugural Seminar of Centre of Gerontology & Geriatrics.
- Nahas, V. 1999, *Clinical Credibility of Nurse Teachers in Postgraduate Tertiary Specialisation*. Abstracts of the Critical Care Nursing Conference: Advancing into the next millennium (p.35). Hong Kong: Health Authority.
- Nahas, V. 1999, *Clinical Reflection Portfolio as an Assessment of Clinical Practice in Critical Care*. Abstracts of the Fourth International Nursing Conference: Entering the 21st Century (p.57). Amman-Jordan: Faculty of Nursing, University of Jordan.



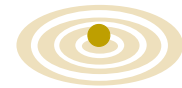
- Nahas, V. 1999, *Clinical Teachers as Mothers from the Jordanian Nursing Students' Perspective*. Abstracts of the Advances in Qualitative Methods Conference (p.63). Edmonton, Alberta: University of Alberta.
- Nahas, V. 1999, *Nursing Education Towards the Next Millennium*. Abstracts of the Fourth International Nursing Conference: entering the 21st Century (p.56). Amman-Jordan: Faculty of Nursing, University of Jordan.
- Twinn, S. 1999, *Developments in Community Health: Opportunities and Challenges for Nursing*. Abstracts of the 12th Annual Nursing Conference. Hong Kong: college of Nursing.
- Twinn, S. 1999, *Focus Groups as a Method of Process Evaluation: Challenges and Opportunities*. Abstracts of the First Pan-Pacific Nursing Conference: Promoting Nursing Excellence in the 21st Century Sharing Innovations in Practice (p.100). Hong Kong: Department of Nursing, The Chinese University of Hong Kong.
- Twinn, S. 1999, *Methodological Issues in the Evaluation of Health Education Interventions*. Abstracts of the Research Society Annual Conference. Staffordshire: Keele University.
- Twinn, S., Holroyd, E. and Shiu, A.T.Y. 1999, *An Evaluation of Psychosocial Nursing Interventions for Cardiac Patients and their Carers: A Case Study of the Community Rehabilitation Network in Hong Kong*. Paper presented in the Community Rehabilitation Network International Conference: Community-based care in the new Millennium, services for people with chronic illness. Hong Kong: Community Rehabilitation Network.

Workshops/Courses

- Seminar on Evidence Based Nursing and Midwifery for Senior Nursing Staff at partner hospital (Prince of Wales Hospital), 11th October 1999.
- Workshop for Ward Managers & Nurse Specialists on Implementation of *Best Practice* Information Sheets into clinical setting (30th October 1999 repeated on 6th November 1999).
- Workshop on Implementing Best Practice in the Prevention and Management of Pressure Sores, 19th February 2000.
- Seminar on Implementing Best Practice in the Management of Peripheral Intravascular Devices, June 2000.
- Another seminar for Implementing Best Practice in mental health nursing is being planned for later in 2000. The intention is to have a minimum of 3 seminars per year on the implementation of different *Best Practice* Information Sheets.



Prince of Wales Hospital, Hong Kong



The New Zealand Centre for Evidence Based Nursing

Auckland Healthcare and Auckland University
of Technology

July 1999 - June 2000

Centre Staff

Director

John McArthur

Deputy Director

Ms Heather Baker

Core Team Members

Ms Ann McKillop

Ms Dianne Marshall

Ms Cheryl Kirkess

Ms Lesley Powell

Mrs Sidney Cuthbertson

Ms Catherine Tracy

Mrs Samantha Heath

Research Associates

Mr Andrew Jull

Ms Prue Bell

Ms Jane Brosnahan

Advisory Panel

Ms Mia Carroll (Chair)

Ms Gill Stokes

Professor Norman Sharpe

Ms Mata Forbes

Ms Wendy Bunker

John McArthur (ex-officio)

Heather Baker (ex-officio)

New Zealand Guidelines Group Board

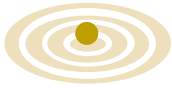
Following the resignation of Mia Carroll on
the New Zealand Guidelines Group Board,
John McArthur has been appointed to
this Board.

Notable Visitors

Professor Alison Kitson, Royal College of
Nursing (UK), Florence Nightingale
Scholarship.



John McArthur, New Zealand



Significant Events

May 2000 - Participation in NI2000 PostCongress

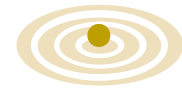
The NI2000 PostCongress was held 3-6th May in the Bay of Plenty following the 7th Nursing Informatics Congress in Auckland. The focus was Health Informatics as the basis for evidence-based practice through pathways and outcomes management. This working conference saw 34 invited delegates from around the world (NZ, Australia, UK, Japan, Belgium, USA, Finland, Singapore, Korea, Canada, The Netherlands, Sweden, Brazil, and Norway) with expertise in health informatics and evidence-based practice and/or clinical pathways present and work on the conference theme. The premise of the conference was that informatics provides an essential foundation for evidence-based practice. That informatics supports building of evidence related to practice, the accessing of evidence for practice, and the application of evidence to practice across the continuum of care. Informatics building blocks for evidence-based practice include:

- Standardised terminologies and outcome measures.
- Standards for the transmission of data, information, and knowledge in a computer-understandable fashion with appropriate protection for confidentiality.
- Techniques for accessing, applying, and evaluating the evidence in a specific care situation.

The PostCongress was chaired by John McArthur, New Zealand Centre for Evidence Based Nursing and had Dr Linda Johnston from the Victorian Centre for Evidence Based Nursing and Rick Wiechula, Director The Joanna Briggs Institute as participants. Presentations from the PostCongress will first be submitted to JAMIA for publication and then form a separate publication that includes the work done at the PostCongress.



Mercy Hospital, New Zealand



Evidence Based Research

Systematic Reviews

Thompson, L. Suctioning *Adults with an Artificial Airway – A Systematic Review* (in Press - JBIEBMM)

Thompson, L., Morton, R., Cuthbertson, S., Galler, L. and McArthur, J. *Saline Instillation and Tracheal Suctioning*. Cochrane Library (submitted).

Jull, A.B., Waters, J. and Arroll, B. *Oral Pentoxifylline for Venous Leg Ulcers* (Cochrane Review). In: The Cochrane Library, Issue 1, 2000. Oxford: Update Software.

Best Practice Information Sheets

Tracheal Suctioning Adults with an Artificial Airway (in Press).

Evaluation Cycles

Best Practice in the Prevention of Falls.

Publications

The New Zealand Centre for Evidence Based Nursing has contributed to every edition of The New Zealand Evidence Based Healthcare Bulletin.

Carroll, C., McArthur, J., Jull, A., Tracy, C., Docherty, B., Turner, C. 1999, *Evidence-based Nursing & Guidelines*, NZGG 2nd National Guidelines Conference, May 27-28 1999: available on-line: <http://www.ioannabriggs.edu.au/nzgg599.html>

Contributed to: Editorial between Evidence Based Nursing Centres around the world for Evidence-based Nursing (1999)

Jull, A.B. & McArthur, J. 1999, Book Review of Clinical Evidence in Nursing Praxis in New Zealand Inc. 14, (3): 54-55.

Banks, J.; McArthur, J.; & Gordon, G. 2000, Flexible Monitoring in the Management of Patient Care Processes *Lippincott's Case Management* 5, (3): 94-103

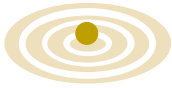
Jull, A.B. 2000, Venous Leg Ulcers: Getting it Right! *Health & Wealth* – May-June 2000: 4-5.

Jull, A.B. 2000, Leg Ulcer Guidelines. *Nursing Review*. June 2000: 8.

Tracy, C. 2000, Comparison of Catheter-Securing Devices. *Urologic Nursing* 20,(1): 43-46.



Auckland Health Evidence Based Guidelines Group, New Zealand



Workshops/Courses

The New Zealand Centre for Evidence Based Nursing has run regular workshops for corporate members as requested. Members of the Centre have participated in invited presentations/workshops at Massey University, Victoria University of Wellington, Wellington Hospital, Otago Polytechnic, Healthcare Otago (Dunedin Hospital), and Auckland University.

Presentations

McArthur, J. Key Note Address *Intravenous Therapy: A Consumer's Guide to the Galaxy and Guidelines are Only as Effective as their Implementation: Understanding the Factors Contributing to the Gap between Research and Practice*, 5th Intravenous Nursing New Zealand Conference Wellington, October 21, 1999.

McArthur, J. Presentation to the Christchurch Region College of Nurses Aotearoa (NZ) Forum on Evidence Based Practice October 1999.

McArthur, J. *Producing a Best Practice Information Sheet on Implementation of Evidence in Practice*. Presentation at "Getting Research into Practice", a seminar jointly hosted by the NZCEBN and South Auckland Health, November 2, 1999.

McArthur, J. *Who's acting on the evidence*, Presentation/discussion to the New Zealand Nurses Organisation (NZNO) Professional Forum, Auckland, February 1, 2000.

Jull, A. *Development of a Multi-Disciplinary Guideline On Leg Ulcer Management* The 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery. Parkroyal Brisbane. Brisbane, Australia. February 23-25, 2000.

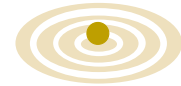
McArthur, J. *Evidence-Based Decision Making and Beliefs*. The 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery. Parkroyal Brisbane. Brisbane, Australia. February 23-25, 2000.

Jull, A. *Presentation of Meta-analysis on Pentoxifylline*. NZNO Research Section Conference. Wellington, NZ. March 24, 2000.

Baker, H. and McArthur, J. *Getting Evidence into Practice*. Poster Presentation at the 7th International Congress on Nursing Informatics: One Step Beyond: The Evolution of Technology and Nursing. Auckland, April 28 – May 3, 2000.



Mercy Hospital, New Zealand



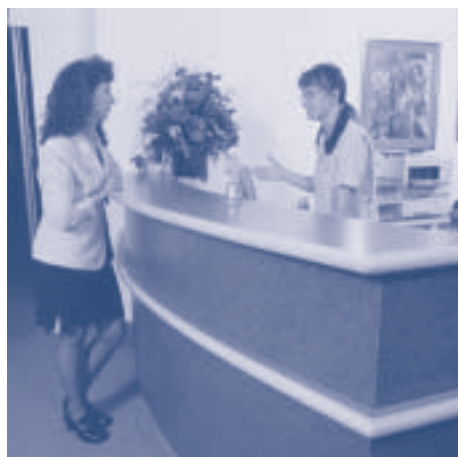
Baker, H. Invited Presentation. *Getting Evidence into Practice*. National Physiotherapy Conference. Wellington. May 28, 2000.

McArthur, J. *Evidence Based Nursing In New Zealand*. Open Lecture. Dunedin Hospital. May 30, 2000.

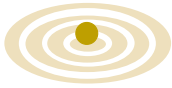
Bell, P. *Implementing a Falls Prevention Programme*. Presentation at "Getting Research into Practice", a seminar jointly hosted by the NZCEBN and South Auckland Health, November 2, 1999.

Guideline for the Management of Chronic Leg Ulcers

This explicit evidence-based Clinical Practice Guideline lead by Andrew Jull is complete and is currently awaiting endorsement from the Colleges.



Mercy Hospital, New Zealand



The Northern Territory Centre for Evidence Based Nursing and Midwifery

Northern Territory University Centre for
Clinical Nursing & Research

(A Collaborating Centre of The Joanna Briggs
Institute)

Northern Territory University

July 1999 - June 2000

Centre Staff

Director

Dr Jennifer Watson

Deputy Director

Ms Anne-Marie Dawson, CNC 2B Royal
Darwin Hospital

(Acting) Ms Beryl McEwan, SCN Royal
Darwin Hospital

Core Team Members

Professor Kay Roberts, Centre for Clinical
Nursing & Research

Ms Bev Turnbull, Centre for Clinical
Nursing & Research

Ms Marie Land, Centre for Clinical Nursing
& Research

Ms Helen Baldwin, Centre for Clinical
Nursing & Research/Staff Development,
Territory Health Service, Alice Springs)

Ms Clare Fenwick (Staff Development,
Territory Health Service, Alice Springs)

Ms Maggi Richardson (Staff Development
Territory Health Service, Darwin)

Advisory Panel

Ms Marie Hughes, Director of Nursing,
Katherine Hospital

Ms Sally Stoyles, Staff Development & ,
Centre for Clinical Nursing & Research,
Territory Health Services, Alice Springs
Hospital

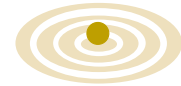
Ms Angela Brannelly, Information
management for Evidence-Based Practice
Group, Royal Darwin Hospital

Ms Lyndal Grant, Darwin Private Hospital

The Advisory panel is further developed with
each project and reflects the expertise
required in relation to the topic area of the
project. It is envisaged that a more stable
membership will be sought over time.



Jenny Watson, Northern Territory



Significant Events

The Collaborative Joanna Briggs Institute for Evidence Based Nursing and Midwifery Centre has been established within the existing Centre for Clinical Nursing and Research (CCNR) at Northern Territory University. The activities of the CCNR include primary research, research training and professional education, and the development of best practice. It is through evidence based practice activities that the Northern Territory Centre fulfils its function as a member of The Joanna Briggs Institute collaborative network.

The Collaborative Agreement has been received from The Joanna Briggs Institute and has been sent to the Pro Vice Chancellor Higher Education and Research for signing. There already exists a general Memo of Understanding between Royal Darwin Hospital and Northern Territory University to cover collaborative activities.

The Northern Territory Centre continues to distribute *Best Practice* Information Sheets throughout the Territory to each district hospital and to some rural and remote community health centres. Alice Springs Hospital has become a Corporate member of the Institute, and letters have been sent inviting other Territory Health Services District Hospitals and Darwin Private Hospital to join.

Royal Darwin Hospital are currently updating their procedure manual using The Joanna Briggs Institute pro-forma procedure manual.

Evidence Based Research

Systematic Reviews

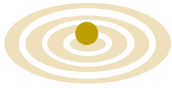
Two systematic reviews are now underway.

Acute Pain Assessment in Adult Patients (over 14 yrs) Experiencing an Episode of Acute Pain, and

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



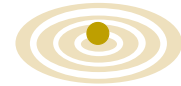
Mater Misericordiae Mothers Hospital, Queensland



Workshops/Conferences

August 1999 the Northern Territory Centre for Evidence Based Nursing and Midwifery hosted an Evidence Based Nursing and Midwifery workshop within the Territory presented by Mr Brent Hodgkinson from the Lead Centre. This was well attended in Darwin with 14 acute care and community nurses attending. Feedback on the workshop was excellent. Unfortunately due to unforeseen circumstances the planned workshop in Alice Springs had to be cancelled. This will be reconvened early next year.

We were delighted to be able to host Brent Hodgkinson from the Lead Centre to present the Alice Springs Workshop in March 2000. Brent provided an excellent workshop for us, and started us off on our computer searches. The workshop was well attended in Alice Springs with 18 acute care, community and remote area nurses attending. Feedback on the workshop was excellent. Further work on the proposed systematic reviews was commenced.



The Queensland Centre for Evidence Based Nursing and Midwifery

Mater Misericordiae Hospitals
July 1999 - June 2000

Centre Staff

Director

Dr Grace Croft

Deputy Director

Ms Irene Lake

Core Team Members

Ms Jane Jacobs

Mrs Ann Mitchell

Mrs Prabha Ramritu

Mrs Janet Evans

Advisory Panel

Ms Kym Barry, Queensland Nurses Union

Dr Debra Creedy, Queensland Nursing Council

Dr Elizabeth Davies, Queensland Nurse Academic Forum

Mr Brad Elms, Association of Rural Nurses Inc. Queensland

Ms Elizabeth Emmanuel, Australian College of Midwives Inc.

Ms Marjorie Henderson, Institute of Practising Nurses

Ms Catherine James, Directors of Nursing Queensland Inc.

Ms Deb Nizette, Australian and New Zealand College of Mental Health Nurses Inc. (Queensland branch)

Ms Sue Norrie, Queensland Health

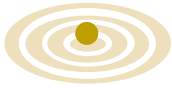
Mr Jim O'Dempsey, Chairman

Ms Yvonne Osborne, Royal College of Nursing Australia

Ms Liz Rossmuller, Private Hospitals Association of Queensland



Grace Croft, Queensland



Significant Events

February, 2000 - The 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery "Getting a Grip on the Evidence" was held in Brisbane on 23-25 February. Sponsored by the Queensland Centre in collaboration with the School of Nursing, Queensland Institute of Technology and The Joanna Briggs Institute, the Colloquium attracted over 120 delegates from Australia and overseas. In addition to workshops on Systematic Review and Clinical Audit, the colloquium presented 11 invited papers, 23 adjudicated papers and 6 posters in concurrent sessions.

May 3, 2000 - A delegation from the Advisory Committee met with the Minister for Health to discuss the Task Force submission for funding to develop a proposal for establishment of a Queensland Centre for Nursing Research. The outcome of the meeting was an invitation to submit a formal proposal to Queensland Health.

May 17, 2000 - Workshop on Systematic Review presented to 30 participants by David Evans, Coordinator of Reviews, The Joanna Briggs Institute.

June 14, 2000 - meeting of the Advisory Committee.

Notable Visitors

Mr Doug Allan, Business Manager, State Development, regarding opportunities in Taiwan for the aged care industry

Mr John Nowland, Business Cadet, State Development regarding opportunities in Taiwan for the aged care industry

Ms Marie Hutchinson, Director Community Health Nursing, Lismore, NSW

Ms Judith Robson, Consultant - Canossa Health Care

Ms Wiesa King, Educator - Canossa Health Care

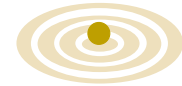
Dr Marianne Wallis, Associate Professor, Griffith University/Gold Coast Hospital

Dr Jeanine Young, Nurse Researcher Royal Children's Hospital/QUT

Dr Anita Peerson - Nurse Researcher The Prince Charles Hospital and Health District



Mater Misericordiae Adult Hospital, Queensland



Evidence Based Research

Systematic Reviews

Ramritu, P., Finlayson, K., Mitchell, A., and Croft, G. 2000, *Identification and Nursing Management of Dysphagia in Individuals with Neurological Impairment - A Systematic Review. No. 8* The Joanna Briggs Institute for Evidence Based Nursing and Midwifery; Adelaide.

Best Practice Information Sheets

Mitchell, A., Finlayson, K. 2000, Identification and Nursing Management of Dysphagia in Adults with Neurological Impairment *Best Practice* Volume 4, Issue 2, Blackwell Science-Asia.

Ramritu, P. 2000, Identification and Management of Dysphagia in Children with Neurological Impairment *Best Practice* Volume 4, Issue 3, Blackwell Science-Asia.

Research Projects

The following are additional projects being conducted in the Mater Hospitals:

Seed Grants - The Nursing Research Centre made two awards in the 1999-2000 round of Seed Grants.

Ms Jennie Esposito will investigate *The Effectiveness of Music Therapy in Relief of Pre-Operative Anxiety in Day Surgery Patients*, at the Mater Adult Hospital.

Ms Joan Harvey and Lorna Davenport will conduct a study: *Evaluation of a Urinary Incontinence Assessment Tool for Day-Stay, Non-Elective, Overnight and Non-Surgical Gynaecological In-Patients*.

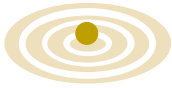
Prabha Ramritu and Mary MacKinnon - completed a study, *Meeting Needs of Children with Multiple Disabilities and their Families During Hospitalisation*.

Elizabeth Trickett- completed a study, *Duration of Pre-Operative Fasting in Children Attending Day Surgery*.

Prabha Ramritu, Tracey Stanley and Professor Mary Courtney, (QUT) -. *Identification of Strategies to Optimise the Delivery of Care to Adolescents with Mental Health Problems*, in progress.

A. Mitchell, C. Bradbury, V. Corcoran, E. Grafton, T. Hall, A. Hyatt, S. McCray, A. O'Malia, M. Tefay and T. Wood, *A Multidisciplinary Approach to Fatigue Management in Newly Diagnosed Cancer Patients*, in progress. Funded \$28,000.

A. Mitchell, N. Spearing, T. Cummins, L. Gilroy, J. Adams. *Nurses Experience of Vancomycin Resistant Enterococcus (VRE)* data analysis in progress.



Publications

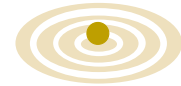
- Jacobs, J. and Harvey, J. 2000, Evaluation of a Miscarriage Support Programme in an Australian Public Hospital. *British Journal of Nursing*.
- Prior, D., Mitchell A., Nebaurer, M., and Smith, M. 2000, Oncology Nurses' Experience of Dimethyl Sulfoxide Odor, *Cancer Nursing*, Vol 23, No.2. 134-140.
- Ramritu, P. 2000, Use of the Oucher Numeric and the Word Graphic Scale in Children aged 9-14 years with Post-Operative Pain. *Journal of Clinical Nursing*, 9 (5) 763-772.
- Mitchell, A. 2000, Developing and Testing a Self Medication Protocol in the Acute Environment. *Australian Journal of Advanced Nursing* Vol 7, No 4. 35-41.

Conferences/Presentations

- Corft, G. *Caring and the Use of Evidence*. 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery "Getting a Grip on the Evidence". February 23-25, 2000, Brisbane.
- Jacobs, J. *Improving Visual Estimation of Blood Loss in the Immediate Postpartum Period*. Capers Conference. Passage to Motherhood. April 2000, London.
- Jacobs, J. *The Midwifery Management of the Perineum in the Second Stage of Labour. A Qualitative Account*. ACMI State Conference. May 2000, Brisbane.
- MacKinnon, M. and Ramritu, P. *Children with Multiple Disabilities : Challenging the Continuity of Care*. 6th International Conference of Paediatric and Child Health Nurses: "Changing context - challenges of care" April 2000, Perth.
- Ramritu, P. *New Nurse Graduates Conceptions of Competence. Celebrating Nursing's Past... Celebrating the Future*. ICN Centennial conference 27 June - 1 July 1999, London.
- Ramritu, P and Finlayson, K. *Evidence Based Practice: the Management of Dysphagia in Neurologically Impaired Individuals*. 2nd Australasian Colloquium on Evidence Based Nursing and Midwifery "Getting a Grip on the Evidence". February 23-25, 2000, Brisbane.
- Ramritu, P. *Management of Dysphagia in Children: A Systematic Review of the Nurses Role*. 6th International Conference of Paediatric and Child health Nurses: "Changing context - challenges of care" April 2000, Perth.
- Trickett, E. *Fasting: A Thirst for Information*. 6th International Conference of Paediatric and Child Health Nurses: "Changing context - challenges of care" April 2000, Perth.



Mater Misericordiae Mothers Hospital, Queensland



Workshops/Courses

Lecture to undergraduate nursing students - Australian Catholic University - McAuley, July 21, 1999.

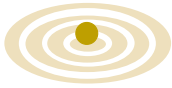
Lecture to undergraduate nursing students - Australian Catholic University - McAuley, April 12, 2000.

10 Week Research Education Course offered to nurses at the Mater Misericordiae Hospitals, March to July 2000.

Systematic Review full day workshop presented by David Evans from the Lead Centre, May 17, 2000.



Mater Misericordiae Childrens Hospital, Queensland



The Victorian Centre for Evidence Based Nursing

Victorian Centre for Nursing Practice
Research

School of Postgraduate Nursing

The University of Melbourne

July 1999 - June 2000

Centre Staff

Director

Professor Judith Parker

Deputy Director

Associate Professor Sanchia Aranda

Core Team Members

Dr Tracey Bucknall

Dr Linda Johnston

Ms Robyn Faulkner

Ms Donna Milne

Ms Allison Sidebotham

Alison Hutchinson

Joan Ostaszewicz

Ms Sue Cromie

Advisory Panel

Associate Professor Sanchia Aranda

Dr Christine Beanland

Dr Tracey Bucknall

Mr Robert Burnham

Ms Phillippa de Voil

Ms Elizabeth Eadie

Ms Alicia Evans

Ms Robyn Faulkner

Ms Sue Harvey

Ms Fiona Hearn

Dr Linda Johnston

Ms Helen Kemp

Mr Bronte Kumm

Ms Jill Linklater

Ms Ella Lowe

Ms Faye Marles

Professor Judith Parker

Ms Suzanne Peterson

Ms Michelle Pratt

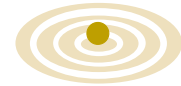
Ms Anne Marie Scully

Mrs Maria Stickland

Professor Lerma Ung



Judith Parker, Victoria



Significant Events

Two meetings of the Coordinating Council have been held. Professor Megan-Jane Johnstone from Royal Melbourne Institute of Technology was invited to become a member of the Council and has accepted. Additionally, Ms Sandra LeVassuer from Monash University has been invited to join and we are currently awaiting a reply.

The Executive Committee has met five times in the 1999/2000 period and has undertaken the following activities:

- Participated on the selection committee for the Clinical Research Fellowship Programme.
- Discussed funding opportunities (through other organisations) regarding the Clinical Research Fellowship Programme.
- Disseminated information on the Clinical Research Fellowship Programme and the Studentship – Master of Nursing (Research).
- Disseminated information on the Nurse Unit Manager Workshop.

The Victorian Centre for Nursing Practice Research/Victorian Centre for Evidence Based Nursing (VCNPR/VCEBN) was successful in obtaining a Strategic Partnerships with Industry-Research and Training (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."

The VCNPR/VCEBN has successfully submitted a tender proposal to the Department of Human Services Acute Health Services Branch – 'Breast care nurses in Victoria: A workforce study of practice and factors influencing practice'.

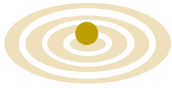
The VCNPR/VCEBN has submitted two SPIRT grant applications. (Currently under review.)

The VCNPR, together with Western Hospital, The Helm Group, and HLB Mann Judd, submitted a tender proposal to the Department of Human Services Acute Health Services Branch – 'Tender for Consistency of Emergency Department Triage'.

Submitted to the Nurses Board of Victoria - A study of the validity and reliability of a Pain Assessment Tool in infants.



Royal Adelaide Hospital, South Australia



Notable Visitors

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

Dr Mary-Ellen Purkis, University of Victoria, Canada

Professor Veronica James, Professor of Nursing Studies and Head of Nursing School, University of Nottingham, UK

Dr Heather Wharrad, School of Nursing, University of Nottingham, UK

Kate Cameron, Coordinator Implementation and Education, JBIEBNM

Evidence Based Research

Systematic Reviews

A Master of Nursing (Research) student commenced in March 2000. Joan Ostaszkiwicz is undertaking the Systematic Review, 'Timed Voiding and Habit Retraining', under the auspices of the Cochrane Incontinence Group, UK. Draft protocol to be submitted late May.

Effective Strategies for Preventing Complications Associated with Peripheral Intravascular Devices in the Hospitalised Paediatric Patient: A Systematic Review.

Systematic Review. The Effectiveness of Nursing Led Case Management. Cochrane Effective Practice and Organisation of Care Review Group (UK). Protocol currently under review.

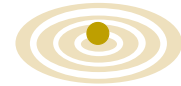
Systematic Review. Barriers to Research Utilisation by Nurses. Cochrane Effective Practice and Organisation of Care Review Group (UK). Protocol currently under review.

Best Practice Information Sheets

'Getting Research into Practice and Implementing Clinical Practice Guidelines' (in Progress).

Primary Research

'An Evidence-Based Approach to Nursing Management of the Breast-Feeding 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.* (In Progress)

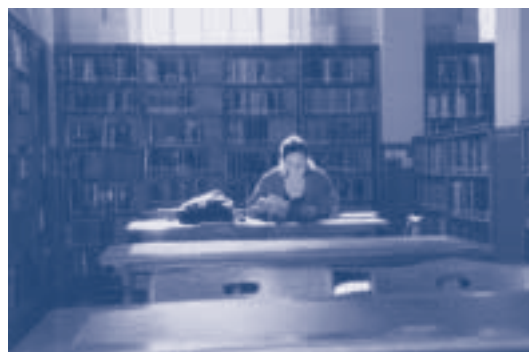


Publications

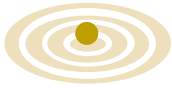
- Parker, J., Johnston, L. and Faulkner, R. 1999, 'Evidence Based Searching: Integrating Research Into Practice.' *In Nursing Theory in Australia: Development and Application (Second Edition)* (ed.) Greenwood, J. (In Press).
- Johnston, L. 1999, Commentary on "Non-Nutritive Sucking in Premature Infants" by Pinelli, J & Symington, A. *Cochrane Library*. Oxford: Update Software *Evidence Based Nursing*, 2(3), 74.
- Johnston, L. 1999, Show Me the Money: A Guide to Research Funding. *Neonatal, Paediatric and Child Health Nursing* 2 (2):12-15.

Conferences/Presentations

- 7th International Congress of Nursing Informatics. Group Leader, post-Congress Workshop. New Zealand, May, 2000.
- Johnston, L & Cromie, S. *The Clinical Research Fellowship Program: A strategy for Research Utilisation in the Clinical Setting*. Australasian Colloquium on Evidence Based Nursing and Midwifery, Brisbane, February, 2000.
- Research in practice: *Bridging the Gap*. The Nightingale Rose and Evidence Based Nursing. The University of Canberra, December, 1999.



Adelaide University, South Australia



Workshops/Courses

Clinical Research Fellowship Programme – The Clinical Research Fellowships (CRF) 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 areas of practice, procedure or policy that need an evidential base. Experienced clinical researchers at the VCNPR provide training and advice during the Fellowship. Using resources developed by the Critical Appraisal Skills Program in the United Kingdom, nurses receive 2 weeks of full-time training in the research skills necessary to find and appraise the required evidence. A further 8 weeks part-time training supports the clinician to implement the evidence-based changes to practice at their clinical agency. The cooperative approach means that the Fellowship holder undertakes the program while continuing in employment. The first CRF program was conducted between October and December 1999. Twelve nurses from a variety of clinical settings undertook the program. Three CRF programs are scheduled for 2000.

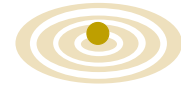
A one-day workshop titled 'Evidence Based Nursing: Implications for Managers' was conducted in April. Eighty managers from across Victoria (50% from rural and regional areas) attended.

Best Practice Information Sheets ('Vital Signs' and 'Group and Individual Therapy in the Treatment of Depression') have been utilised in the curriculum of the Postgraduate Diploma of Advanced Clinical Nursing.

Systematic Reviews produced by The Joanna Briggs Institute for Evidence Based Nursing and Midwifery are available from the Centre's resource library for the benefit of all members of the School of Postgraduate Nursing.



Royal Adelaide Hospital, South Australia



The Western Australian Centre for Evidence Based Nursing and Midwifery

Curtin University of Technology
July 1999 - June 2000

Centre Staff

Director

Professor Robin Watts

Core Team Members

Dr Sue McDonald

Ms Robyn Collins, King Edward Memorial
Hospital (replaced Dr Sue McDonald)

Ms Jeanette Robertson

Ms Sue Terry

Ms Lorraine Shepherd (replaced Ms Sue
Terry)

Ms Gail Thomas (until December 1999)

Ms Ann Callaghan, Child Health Research
Institute

Advisory Panel

Ann Callaghan

Bronwyn Davies

Phil Della

Hannah Herod

Bronwyn Jones

Gavin Leslie

Liz Manley

Yasmin Naglazas

Mark Rae

Pam Roberts

Sally Wilson

June Wishart

Jeanne Young

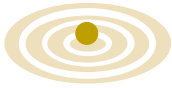
Dr Due Nikolette (replaced Jeanne Young)

Ms Heather Gluyas (replaced June
Wishart)

Judith Finn



Robin Watts, Western Australia



Significant Events

- August 1999 - Management meeting
- December 1999 - Management Committee Meeting
- February 2000 - Advisory Panel Meeting
- March 2000 - Management Committee Meeting
- June 2000 - Management Committee Meeting

New Centre Member

The Nurses Network, Institute for Child Health Research is currently negotiating to join the Western Australia Centre for Evidence Based Nursing and Midwifery. A draft Memorandum of Understanding is being prepared. The responsibilities for this group will be systematic reviews in child and family health-community nursing. They have already held several sessions with community nurses to identify a suitable topic for their first review. A submission has been made to the Nurses Board of Western Australia for funding a part time project officer.

Funding

HealthWest has approved our submission (15 months ago) to support a Deputy Director's position and infrastructure costs. These funds are being drawn from the Commonwealth Quality Improvement Fund. The money will be transferred prior to the end of the financial year (end of June) and will initially be for one year.

The only income in this period has been \$2,108 from RPI funds and \$34 in interest from trust account.

Evidence Based Research

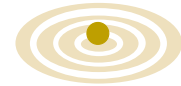
Systematic Reviews

Nursing Management of Fever

The first draft of the report is currently being reviewed by the Review Panel.

We have been able to assist QUT Nursing Department with literature for a related primary research study on Australian nurses' management of fever.

Some media interest was generated by a press release about the study in late June to coincide with the paper presented at the ICN conference in London. *Nursing Review* drafted an article; Jeanette Robertson and Robin Watts were interviewed on 6NR, a local community station; and Robin Watts was interviewed by a WA regional ABC station. As a result 6NR indicated interest in running a regular feature on The Joanna Briggs Institute reviews. Several *Best Practice* Information Sheets were provided along with contact information for David Evans in Adelaide.



Community/Child Health Nursing

The Nurses Network from the Child Health Research Institute is leading this review. At the meeting of interested participants on March 9, 2000 it was decided to investigate the feasibility of undertaking a review on the use of post partum depression assessment tools in community settings. This will replace the previously selected topic of infantile colic as a Cochrane Review already exists on this topic. The group has requested that the Institute's assistance be sought in approaching Cochrane for permission to develop a *Best Practice* Information Sheet based on their Review. The Review highlights the need for further primary research on the use of herbal teas as treatment for infantile colic and we are discussing this with several clinical agencies.

Community nurses' interest in evidence based practice was supported by two seminars presented in February by Dr Stuart Logan, Director of the Centre for Evidence Based Child Health, London. A significant proportion of the two large audiences were nurses.

Midwifery

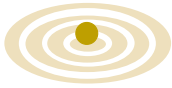
With the recruitment of Robyn Collins from King Edward Memorial Hospital to the Management Committee, interest has been generated for a group of midwives at that hospital to be involved in a systematic review. Jeanette Robertson and I will be meeting with them early in June to identify potential topics.

Publications

Watts, R., Thomas, G., and Roberston, J. 2000, Hot and Sweaty: Nursing Management of Fever in Children. *Book of Abstracts: Getting a Grip on Evidence*. 2nd Australian Colloquium on Evidence Based Nursing and Midwifery, Brisbane, February 23-25, 2000.



Mater Misericordiae Mothers Hospital, Queensland



Conferences/Presentations

Presentation to Semester 4 students, Curtin University – Jeanette Robertson and Robin Watts – August 31, 1999.

Presentation to a RN Clinical Skills Update course, Curtin University – Robin Watts – September 30, 1999.

Hot and Sweaty: Nursing Management of Fever in Children. 2nd Australian Colloquium of Evidence Based Nursing and Midwifery, Brisbane, February 23-25, 2000 (R. Watts).

Workshops/Courses

Workshop jointly sponsored by the WA Centre and HealthWest at Narrogin 'How to put evidence into practice' - senior nursing staff from Upper Great Southern Health District (Helen Pannowitz), March, 2000.

Presentation to Semester 3 students pre-registration program, Curtin University (Robin Watts), April, 2000.

Presentation to RN Clinical Update Skills Course, Curtin University (Jeanette Robertson), April, 2000.

Presentation to Continence Course, Hollywood Private Hospital (Jeanette Robertson), May, 2000.