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Previously the annual report of The Joanna Briggs Institute for Evidence Based Nursing and Midwifery has been presented on the basis of the calendar year. This is at odds with our parent organisation, Royal Adelaide Hospital, whose annual report is published at the end of the financial year. It has been decided to follow the reporting convention of Royal Adelaide Hospital and for this reason the annual report presented here is the result of 18 months activity from the 1st January 1998 to the 30th of June 1999. The Board of Management will present annual reports from this point on at the completion of each financial year.

The format of the annual report will also differ from previous reports. The JBIEBNM Collaboration incorporates a network of many organisations. Matters pertaining to the Collaboration generally will be detailed in the introductory sections of the report followed by the report of activities for the Lead Centre. The activities of the Collaborating Centres with state or national responsibilities will then be presented.
When The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (as it is now known) was established in December 1996, the evidence-based approach to health care (EBHC) was for Australasia still in its infancy. EBHC was viewed by many, particularly clinicians, with some scepticism. The approach was, and to a degree still is, unproven and yet encouragingly there are signs that the approach is gaining wide acceptance and will endure. Certainly the level of activity in terms of evidence based publications and the use of this information in clinical practice continues to increase. The Joanna Briggs Institute for Evidence Based Nursing and Midwifery has been a significant contributor to this movement and is now recognised as a leader in the field.

The past 18 months have been a period of consolidation for JBIEBNM in which a range of programs developed by the Collaboration have been put in place and are now achieving a considerable profile from within Australia and internationally. The series Best Practice is now a regular feature of a number of high circulation professional nursing journals throughout Australia, New Zealand and Hong Kong and is also distributed through our network of corporate members. The strength of JBIEBNM arises from its collaborative nature. The number of organisations that have taken corporate membership continues to grow and several proposals for new Collaborative Centres have recently been submitted.

JBIEBNM was established to assist nurses and other professionals to develop an evidence based approach to health care. Although JBIEBNM has had only three full years of operation it is timely to consider if the activities of the Institute continue to meet the current needs of those working within the context of a rapidly changing health system. The Institute staff have initiated an annual Australia wide survey of nurses to assess the impact of JBIEBNM best practice information. This builds on the now well established system of advisory groups in which the profession can relate their needs directly to the Institute.

As a result of these initiatives already the Institute has responded by broadening the focus of current activities from the acute care sector to mental health, aged care, midwifery and other branches of the health care system. I am confident that JBIEBNM will continue to play a significant role in the establishment of an evidence based culture here in Australia and overseas.

Dr Leslye Long
Chair of the Board of Management
JBIEBNM is governed by a Board of Management appointed by, and accountable to, Royal Adelaide Hospital. The composition of the Board of Management is as follows:

- The Director of Nursing and Patient Care Services, Royal Adelaide Hospital, who shall also act as Chair-person of the Board;
- The Chief Executive Officer of Royal Adelaide Hospital;
- The Executive Director of the Royal College of Nursing, Australia;
- The Director of the Australasian Cochrane Centre;
- The Director of JBIEBNM;
- A nominee of the South Australian Department of Human Services; and
- A nominee of The University of Adelaide.

The current membership of the Board (1999) is as follows:

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

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

**Ms Elizabeth Percival,**  
Executive Director, Royal College of Nursing, Australia;

**Professor Chris Silagy,**  
Director, Australasian Cochrane Centre, Professor of Public Health at Monash University;

**Professor Alan Pearson,**  
Director, The Joanna Briggs Institute for Evidence Based Nursing and Midwifery;

**Mr David White,**  
Chief Nursing Officer, nominee of the South Australian Department of Human Services; and

**Professor Derek Frewin,**  
Head Division of Health Sciences and Dean of Medicine, nominee of The University of Adelaide.

**Professor Brendon Kearney,**  
Director of the Department of Human Services (hon)

Please note, in view of a recommendation of the Board of Management, the Australian Nurses Federation has been approached to nominate a representative for the Board. At the time of printing the nomination has yet to be confirmed.
Organisational Structure

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery is an international research network with headquarters in Adelaide, South Australia.

Although JBIEBNM is coordinated from Adelaide, its operations focus on the 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 and providing a range of collaboration-wide services to facilitate the promotion and development of evidence based nursing and midwifery, following a “hub and spoke” approach to coordinated collaboration:

![Organisational Structure Diagram]
Management Structure

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

The following list details the organisations that had taken up corporate membership by 30th June 1999. Organisations have been grouped by state or country as appropriate.

**Australian Members**
- Australian College of Midwives Incorporated

**Australian Capital Territory Members**
- Calvary Hospital ACT Incorporated

**Hong Kong Members**
- Chinese University of Hong Kong
- Prince of Wales Hospital

**New South Wales Members**
- Australian Catholic University, McKillop Campus
- Centre for Applied Nursing Research, Liverpool
- Lewisham Aged Care
- Sacred Heart Hospice, Darlinghurst

**New Zealand Members**
- Auckland Healthcare Services Ltd
- Auckland Institute of Technology School of Nursing & Midwifery
- Jervois Hospital and Home
- Lakeland Health
- Mercy Hospital
- Northbridge Hospital
- South Auckland Health
- Waitemata Health - Northshore Hospital & Community Health
- Western Bay Health

**Northern Territory Members**
- Northern Territory University School of Health Sciences
- Royal Darwin Hospital

**Queensland Members**
- Bundaberg Base Hospital
- Gympie Hospital
- Health Outcomes Unit - Queensland Health
Mater Misericordiae Public Hospital, Brisbane
Prince Charles Hospital & District Health Service
Redcliffe Hospital
Rockhampton Hospital
Royal Childrens Hospital & District Health Service, Brisbane
St Lukes Nursing Service
The Wesley Hospital
West Moreton District Health Service

South Australian Members
Ashford Community Hospital
Burnside Hospital
Calvary Hospital Adelaide Incorporated
Ceduna Hospital Incorporated
Central Districts Private Hospital
Coober Pedy Health Service
Eastern Community Mental Health
Flinders Medical Centre
Glenside Hospital
Hamley Bridge Memorial Hospital Incorporated
Julia Farr Services
Karoonda & District Soldiers Memorial Incorporated
Kingston Soldiers’ Memorial Hospital Incorporated
Lower Eyre Health Service
Lutheran Homes Incorporated
MINDA Incorporated
Modbury Public Hospital
Mount Gambier & Districts Health Service
Noarlunga Health Services
Port Augusta Hospital and Regional Health Services Incorporated
Port Broughton District Hospital & Health Service Incorporated
Port Lincoln Health Services Incorporated
Port Pirie Regional Health Service
Quorn & District Memorial Hospital Incorporated
Repatriation General Hospital
Riverland Regional Health Service Incorporated
Royal Adelaide Hospital
St Margaret’s Hospital Incorporated
The Memorial Hospital
The University of Adelaide
Western Community Hospital Incorporated
Whyalla Hospital & Health Service Incorporated

**Victorian Members**
Austin & Repatriation Medical Centre Library
Brighton Hospital Holdings Pty Ltd, Brighton
Geelong Hospital Library
Kiverton Park Private Nursing Home
Royal Melbourne Hospital
Tallangatta Hospital
Tallangatta Community Health
The University of Melbourne
West Gippsland Healthcare Group

**Western Australian Members**
Brightwater Care Group Incorporated
Curtin University of Technology
King Edward Memorial Hospital for Women
Princess Margaret Hospital for Children

In addition to corporate membership at the 30th June 1999 there were 107 individual members. The individual members are serviced directly from the Lead Centre.
Based at Royal Adelaide Hospital, 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 JBI EBNM Centres. This reflects the dual role of the Adelaide office as Lead Centre for the Collaboration and Centre for the state of South Australia.

**Lead Centre Staff**

**Institute staff and operational responsibilities**

**Director of the Joanna Briggs Institute for Evidence Based Nursing and Midwifery**

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

The Director is responsible for the overall operation and functioning of the Institute and the achievement of its objectives. This includes the following:

- Provision of advice to the Board of Management of the Institute;
- Management of the Institute’s budget;
- Generation of external income;
- Supervision of staff employed by or seconded to the Institute;
- Project development and management;
- Public relations and promotion of the Institute;
- Initiate strategic planning and policy development;
- Preparation and submission of consultancy tenders; and
- Such matters as the Director agrees to accept on referral from the Board of Management.

**Deputy Director and Coordinator Evaluation**

Rick Wiechula, RN, Ortho Nurs Cert, BA (Flinders), BNurs (UniSA), MNSc (Adelaide), MRCNA

The Deputy Director in consultation with the Director is responsible for supervision of all operational activities and staff of the Lead Centre. In the absence of the Director, the Deputy Director assumes all responsibilities and activities otherwise undertaken by the Director. The Coordinator Evaluation has responsibility for the overall management of research activities relating to the impact of best practice information throughout the collaboration. These activities include project design, site recruitment, and project coordination of individual research projects.
Coordinator Reviews
David Evans, RN, CritCare Cert, DipN(Flinders), BN(Flinders), MNS(Flinders), MRCNA

The Coordinator of Reviews is responsible for the development and conduct of the systematic reviews conducted by the Lead Centre. Mr Evans is also responsible for providing education to nurses and to higher degree students in the conduct of systematic reviews, developing the Best Practice Information Sheets, and acting as a resource person for other members of the JBIEBNM.

Coordinator Education and Implementation
Kate Cameron, RN, Onc Nurs Cert, Grad Dip Nurs (USA), MNSc (Adelaide).

The role of the Coordinator of Education and Implementation is to lead the education program and the implementation program. The Coordinator is responsible for developing, organising and delivering education and training activities in hospitals, nursing homes, health centres and other health agencies throughout South Australia. In addition, the Coordinator is also responsible for promoting the Institute and the implementation of EBHC at Royal Adelaide Hospital and throughout South Australia.

Coordinator Clinical Information
Craig Lockwood, RN, BN (UniSA), Grad Dip Clinical Nursing (Adelaide), MRCNA.

The Coordinator-Clinical Information is responsible for the provision of the Practice Manual Service to corporate clients. The Coordinator-Clinical Information is also responsible to ensure each corporate member’s practice manual is updated with the best available evidence on an annual basis. The Practice Manual Service includes the research and development of generic evidence based manuals in a variety of clinical specialties. The Coordinator-Clinical Information also undertakes searches of the evidence-based databases on clinical topics when requested by corporate members or individual nurses thereof.

Coordinator Primary Research
Ken Walsh RPN, RGN, BNurs(UNE), PhD(Adelaide)

The Coordinator of Primary Research consults with the Coordinator of Reviews to identify gaps in the reviewed research and develop an annual program of research proposals. Protocols are then conceived designed and developed with appropriate investigators recruited by the Coordinator of Primary Research. Protocols are then submitted for funding with appropriate federal, state or private funding bodies.
Research Officer Evaluation & Reviews

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

The Research Officer Evaluation and Reviews (RO) has been responsible for the conduct and completion of a number of systematic reviews and their corresponding Best Practice Information Sheets (BPIS). Responsibilities with regard to evaluation cycles have included data collection, entry and analysis for all evaluation cycles. The Research Officer is also responsible in assisting the Coordinator Evaluation in completing final reports for all evaluation cycles.

Communications Officer

Jodi Loxton

The Communication Officer has been responsible for all aspects of the production of published material for the Institute including promotional, academic and operational publications. In addition the Communications Officer is responsible for the supervision and facilitation of all public relations activities for the Institute including media liaison.

Manager Administration

Roy Sneddon

The Manager - Administration operates as Executive Officer and provides secretarial and administrative support to the Director and Board of Management. The Manager - Administration also coordinates the corporate and individual membership program and manages the world wide web page.

Secretary

Annette Hoffrichter

The Secretary is responsible for all clerical and reception activities for the Lead Centre.
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 Mary FitzGerald, RN, MNurs, PhD
• Dr Sally Borbasi, RN, Bed, MA (Ed), PhD
• Mr John Field, RN, BLegSt(Maquerie), ADNE(Cumberland), GradCertManag(UNE), FCN(NSW), FRCNA
• Dr Bart O’Brien, RN, DipAppSc(Nurs)(Flinders), BNurs(Flinders), PhD(Deakin), MRCNA
• Dr Andrea Averis, RN, RM, BSc(Adelaide), MSc(PhC)(Flinders), PhD(Flinders), FRCNA, FCN(NSW)
• Dr Leslye Long, RN, CritCareCert, CorCareCert, DipAppSc(Nurs)(SACAE), BAppSc(Nurs)(SACAE), MHA(UNSW), PhD(Flinders), MRCNA
• Ms Leonie Lambert RN, DipAppSc(Nurs), DipAppSc(NursManag), BNurs(SACAE)
• Ms Jackie Woods, RN, BNurs
• Ms Sue O’Neill, RN, BNurs, MNSc(Adelaide)
• Ms Judith Berry, RN, BNurs
• Ms Robyn Parkes, RN, BNurs
• Mr Barry Dudley, RN, BNurs
• Ms Helen Jeffrey, RN, BNurs, MNSc(Adelaide)
• Ms Lorraine Maguire, RN, BBus(HAdmin)
• Ms Marg Cattonar, RN, BNurs, MNSc(Adelaide)
• Ms Heidi Silverston, RN, Onc Nurs Cert, BNurs(Flinders), CHE
• Ms Kathleen Read, RN, CritCareCert, IntCareCert, DipAppSc(NursManag) (SACAE), BNurs(SACAE), MNSc(Adelaide)
• Ms Anne O’Donnell RN, RPN, DipAppSc(Nurs)(Flinders), BNurs(Flinders), Grad Dip HCouns(UniSA), ANZCHN, AFCHSE, CPE
Staff Involvement in The University of Adelaide and Royal Adelaide Hospital Activities

In addition to core activities of JBIEBNM that are detailed in the following sections of this report, staff of the Lead Centre are involved in a range of supplementary activities within The University of Adelaide and Royal Adelaide Hospital that reinforce the collaborative nature of this joint venture.

Professor Alan Pearson

The University of Adelaide activities;

Professor Alan Pearson is Head of the Department of Clinical Nursing. He chairs the Departmental Committee, and is 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 is also responsible for Honours Degree studies.

Royal Adelaide Hospital activities;

Professor Pearson is a member the Nursing Executive Committee and is Director of the Blood Transfusion and Intravenous Cannulation Service.

Mr Rick Wiechula

The University of Adelaide 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 has presented a paper for the Department of Clinical Nursing’s Seminar series. 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.

He is the Department of Clinical Nursing’s representative on The University of Adelaide, China Reference Group and is an OSCE examiner for the 3rd year Medical Students program. Mr Wiechula 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 Pressure Sore, Wound Care and Manual Handling/Lifting Unit of Care Working Parties. Mr Wiechula was Co-Coordinator of the Wound Management Course and has provided lectures in the Surgical Assistants and Enrolled Nurse Theatre courses.
Mr David Evans

The University of Adelaide activities;

Mr Evans is a Clinical Lecturer in the Department of Clinical Nursing. He is a member of the Departmental Committee and has been a member of the Research and Higher Degrees Sub-Committee.

He is currently supervising two Masters students from The Department of Clinical Nursing, The University of Adelaide, and also advising four Doctor of Nursing students who are undertaking systematic reviews through The Joanna Briggs Institute. He has contributed to teaching in the Doctor of Nursing and has presented a paper for the Department of Clinical Nursing’s Seminar series.

Royal Adelaide Hospital activities;

Mr Evans has participated in two unit of care reviews, regarding patient falls and safety, and for arterial line management. He is serving on a working party that is addressing the use of restraint devices within Royal Adelaide Hospital. Mr Evans was a member of the Nursing Practice Sub-committee of Royal Adelaide Hospital.

Ms Kate Cameron

The University of Adelaide activities;

Ms Cameron is currently working with the Department of Clinical Nursing as a Course Coordinator and is 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, has contributed to teaching in the Graduate Diploma in Emergency Nursing and is a member of the Practice Advisory Committee. She is responsible for developing and coordinating a short course in Chemotherapy Administration, which was first run in 1998 and will be run three times in 1999. She has provided lectures on cancer chemotherapy administration at other hospitals, including rural regions. She has presented in the department Seminar Series and is involved in teaching and assessing (OSCE) in the third year medical students program.

Royal Adelaide Hospital activities;

Ms Cameron has provided updates on EBHC at Royal Adelaide Hospital, including Hampstead and Glenside sites. She was responsible for carrying out an audit in April 1999 to assess the effectiveness of distribution strategies to disseminate Best Practice Information Sheets (BPIS) at Royal Adelaide Hospital, during which distribution was found to be largely complete. Ms Cameron has been involved as a researcher for the Oral Mucositis and Patient Movements Unit of Care Reviews conducted at Royal Adelaide Hospital. Ms Cameron has also been involved in teaching various aspects of oncology nursing within Royal Adelaide Hospital (including Hampstead Centre).
Mr Craig Lockwood

The University of Adelaide 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 The University of Adelaide.

Royal Adelaide Hospital activities;

Mr Craig Lockwood has an ongoing function as researcher, for working parties on the unit, of care reviews and has completed reviews on Basic Care and Pre and Post-Operative Care. Other research activities include performing literature reviews on an as needed basis for corporate members, nurse clinicians and administrative staff of Royal Adelaide Hospital.

Dr Ken Walsh

The University of Adelaide activities;

Dr Ken Walsh is a Lecturer in the Department of Clinical Nursing. He chairs the Academic Progress Committee, and is a member of the Departmental Committee. Dr Walsh coordinates the Postgraduate Diploma 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), the Graduate Certificate in Retrieval Nursing, the Graduate Certificate in 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 and OSCE. Dr Walsh currently supervises three Masters students and co-ordinates the Doctor of Nursing subject Predicting, Critiqueing and Visioning in Nursing.

Royal Adelaide Hospital activities;

Dr Walsh is involved in two Units of Care 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. Dr Walsh is a member of the clinical supervision group at Eastern Community Mental Health, Enfield.
Mr Brent Hodgkinson

The University of Adelaide activities;

Mr Hodgkinson is an Affiliate Lecturer with The University of Adelaide and has been the co-supervisor of one Honours student over the past year. A paper entitled “Assessing Patient Understanding and Compliance of Written Information for Day Surgery” has been submitted for publication. Presently, Mr Hodgkinson is providing research guidance for two Honours and two Masters students.

Mr Hodgkinson has also given several lectures on “Probability and Statistics”, “Assessing Research Literature”, and “Understanding Quantitative Research” for Graduate Diploma Nursing students.

Mr Hodgkinson was also co-author of the paper entitled “The Prevalence and Treatment of Pressure Ulcers in Northern New South Wales” which has been accepted for publication in The Australian Journal of Rural Health.

Royal Adelaide Hospital activities;

Mr Hodgkinson was also responsible for the Blood Transfusion and Intravenous Cannulation Service (BTICS). This service was designed to audit transfusion practice hospital wide and identify problem areas. Two audits have been performed, transfusion practice in general medical and surgical wards and practice in theatre and recovery areas. The results of these audits have been presented to the Transfusion Committee of Royal Adelaide Hospital through quarterly reports, at a conference (see below) and through a publication entitled “Toward Safer Blood Transfusion Practice”.

In addition to the range of activities performed by individual staff of the Institute, JIBEBNM has provided financial and professional support to Doctoral students of the University undertaking systematic reviews.
Notable Professional and Community Activities

**Professor Alan Pearson**

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
Fellow, Institute of Nurse Executives
Fellow, NSW College of Nursing
Fellow, Royal College of Nursing, Australia
Fellow, Royal College of Nursing, UK
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 and Children’s Hospital Research Foundation
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, Editorial Advisory Board, Australian Journal of Gerontology
Member, Editorial Advisory Board, Contemporary Nurse
Member, Editorial Advisory Board, Journal of Holistic Nursing
Member, Editorial Advisory Board, Lincoln Papers in Gerontology
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, Planning Team for the 3rd Nursing Practice Conference
Member, Scientific and Research Advisory Committee, Continence Foundation Australia
Member, South Australian Health Commission, Transplant Advisory Committee: Adelaide
Patron, Barwon Region Nursing Research Association Inc.
Theses Examiner, Flinders University of South Australia
Theses Examiner, La Trobe 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 Woolongong

**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
Webmaster, South Australian Wound Management Association

**Mr David Evans**
Member, Australian Patient Safety Foundation
Member, Health Outcomes Unit Reference Group, South Australian Health Commission
Member, National Falls Task Force
Member, Royal College of Nursing Australia
Peer Reviewer, Australian Critical Care
Peer Reviewer, International Journal of Nursing Practice

**Ms Kate Cameron**
Executive Committee Member, Cancer Nurses Society of Australia (South Australian Representative)
Grant Application Assessor, Queensland University of Technology
Member, Australian Nursing Federation
Member, Clinical Oncological Society of Australia
Member, NSW Intravenous Nursing Association
Member, Royal Adelaide Hospital Nurses Education Fund
Mr Craig Lockwood
Member, Australian Nursing Federation
Member, Royal Adelaide Hospital Nurse Education Fund
Member, Royal College of Nursing Australia

Dr Ken 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

Mr Brent Hodgkinson
Peer Reviewer, International Journal of Nursing Practice
Staff Development

Mr Rick Wiechula graduated with a Master of Nursing Science degree through The University of Adelaide in 1998. He is currently enrolled in the Doctor of Nursing with The University of Adelaide.

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

Ms Kate Cameron graduated with a Master of Nursing Science degree through The University of Adelaide in 1998 and has completed the Teaching at University course through the University.

Mr Craig Lockwood completed a Graduate Diploma in Clinical Nursing in 1998 through The University of Adelaide. He is currently enrolled in the Master of Nursing Science with The University of Adelaide.
Staff Involvement with Conferences and Short Courses

Professor Alan Pearson
Assisted with the organisation of the 4th Nursing Practice Conference and was keynote speaker at the following conferences:

February 10-12th, 1998, Monash University, 8th National Nurse Education Conference, “Evidence-Based Practice and the Implications of such Projects as the Cochrane Collaboration for Nursing Education”.


Mr Rick Wiechula
Feb 1998, Presenter, Wound Management Seminar Day Broken Hill Hospital
March - April 1998, Co-coordinator Royal Adelaide Hospital/The University of Adelaide Wound Management Course
May 1998, Presenter Surgical Assistance Course, Royal Adelaide Hospital
June 1998, Co-coordinator and Presenter, Clinical Trial Coordinator Training Course run in conjunction with MedVet Science Pty Ltd and Quintiles Pty Ltd
September 1998, Presenter, Enrolled Nurse Theatre Course, Royal Adelaide Hospital
October 1998, Presented “Wound Care and Evidence Based Practice”, Flinders Medical Centre Wound Seminar Day
November 1998 Presented “Advances in Wound Management; More than New Technology” 4th Nursing Practice Conference, Adelaide
December 1998 Presented “Update on National Pressure Ulcer Guidelines” South Australian Wound Management Association Education Evening
May 1999 Presented “Changing Practice: Implementing the Best Available Evidence, at Evidence, Excellence, and Expectations”, Royal College of Nursing Australia/New South Wales College of Nursing Conference, Sydney
May 1999 Organising Committee member and presenter “Wound Management and Multimedia”, at “The Cutting Edge” South Australian Wound Management Association Seminar Day

Mr David Evans
July 1998 Presenter “Patient Falls”, Geriaction Seminar, Adelaide

November 1998 Presenter “Undertaking Systematic Reviews of the Research Literature” Evidence Based Health Care Seminar Series: The Joanna Briggs Institute, Adelaide


February 1999 Speaker “Measurement Instruments in Research”, Clinical Title Holders Course, Adelaide


June 1999 Speaker, “Patient Falls and Injury Prevention Research”, Convenor: “Falls and Injuries to Patients” concurrent sessions. Incidents and Accidents in Australian Health Care, Glenelg

Ms Kate Cameron

February 1998, attended a scholarly seminar “Bringing the Future into Focus” at The University of Adelaide

February 1998 coordinated and presented in “Chemotherapy Administration Short Course” run in conjunction with Royal Adelaide Hospital over 3 days

April 1998, attended a departmental symposium “In Praise of the Spiritual Dimension of Nursing: Defending Spiritual Care in an Era of Economic Rationalism”

May 1998, presented “Change - The Role of the CNC in South Australia” at the Royal College of Nursing Australia, Australia National Convention in Brisbane

October 1998, presented “Prevention and Treatment of Oral Mucositis in Patients with Cancer – A Systematic Review” at the department Research Seminar Series

November 1998, presented a joint paper with Tracey Paterson (Ashford Hospital) titled “Best Practice in Nursing: A Model for Implementing Change” at the 4th Nursing Practice Conference organised by the Royal Adelaide Hospital Nurses’ Education Fund and the Department of Clinical Nursing in Adelaide

November 1998, presented a paper entitled “Systematic Review of the Effectiveness of Strategies for Preventing and Treating Chemotherapy and Radiation Induced Oral Mucositis in Patients with Cancer” at the 25th Annual Scientific Meeting of the Clinical Oncological Society of Australia in Sydney

February 1999, coordinated and presented in “Chemotherapy Administration Short Course” run in conjunction with Royal Adelaide Hospital over 3 days
Mr Craig Lockwood
February 1998, attended the workshop “Bringing the Future into Focus: Advancing Nursing Practice through Research”
March 1998, attended the seminar “Shaping the Future for Nursing and Health Care”
November 1998, attended the 4th Nursing Practice Conference

Dr Ken Walsh
September 1998, A joint paper with Judy Magarey titled: “Universities Meeting The Diverse Clinical Education Needs and Interests of Employers and Employees: Mission Impossible?” at the Royal College of Nursing Australia (RCNA) Post Graduate Education in Nursing Conference

Mr Brent Hodgkinson
Mr Hodgkinson presented a paper entitled “Blood Transfusion/Intravenous Cannulation Service (BTICS), Royal Adelaide Hospital” at the Third Scientific Weekend of the Adelaide Blood Club with Oncology Group of Adelaide (OGA) and Transfusion Interest Group of South Australia (TIGSA).
**Significant Events**

In March 1998 the Lead Centre hosted the **Biannual Centre Directors Committee Meeting** in Adelaide. This forum provides the Directors of the Collaboration an opportunity to review the activities of the previous six months and to coordinate new activities across the Collaboration.

The inaugural **Professional Advisory Forum** met in March 1998 at Calvary Hospital. The meeting which is held annually provided an opportunity for the South Australian corporate members of JBIEBNM and others from the profession to have direct input into the focus of activities for the coming year. In particular this forum advises the Centre staff of possible topics to be submitted to systematic review.

In November of 1998 the Lead Centre hosted the second **Centre Directors Committee Meeting** for the year in conjunction with the Fourth Nursing Practice Conference and Joan Durdin Oration at the Stamford Grand, Glenelg.

The staff of the Lead Centre met in February of 1999 to conduct an **organisational and operational review** of the Collaboration and its activities. The result was a discussion paper examining all aspects of the Institute’s operations including proposed changes to be considered by the Centre Directors and Board of Management of the Collaboration.

The 1999 **Professional Advisory Forum** was held in March at Ashford Hospital and was well attended. Topics for possible systematic reviews were submitted prior to the meeting and from the floor. A consensus was reached regarding topics for 1999/2000.

As part of the JBIEBNM strategy to broaden the focus of activities beyond the Acute Care health sector, in April 1999 the Lead Centre conducted the Symposium; **“Accreditation, Continuous Improvement and Best Practice in Aged Care”**. The evening was attended by 90 representatives from the Aged Care sector and was opened by Mr Terry Healey the CEO of Elder Care Inc. Professor Rhonda Nay, Head of the School of Nursing, La Trobe University Victoria presented recent research entitled “Developing an Evidence Based Culture in Aged Care”. Professor Alan Pearson provided a presentation detailing the process of setting up systems to promote best practice and this was followed by a panel discussion opened to the floor.

In April of 1999 JBIEBNM Headquarters **moved to its current accommodation** on Level 4 of the Margaret Graham Building. This move, after an extended period in temporary accommodation occurred as part of the Royal Adelaide Hospital Redevelopment Plan and represents a considerable improvement in amenities for the Lead Centre.

A multidisciplinary group has been formed by JBIEBNM to develop a national strategy that addresses patient falls. A **Falls Consensus Conference** was conducted at the Adelaide Convention Centre June 1999, in conjunction with the Australian Patient Safety Foundation. It is anticipated that this will be the first of a series of events focusing on patient falls and fall related injuries.
**Notable Visitors to the Institute**

Health service professionals and scholars:

**Dr David Evans**  
World Health Organisation

**Professor Carol Gaston**  
Consultant Graham Gaston and Associates, Adelaide

**Dr Marjorie Gott**  
Research Consultant, Gott Associates, UK

**Professor Desley Hegney**  
University of Southern Queensland.

**Dr Ellen Hodnett**  
Professor and Heather M Reisman Chair in Perinatal Nursing Research  
MIRU, Toronto Ontario CANADA

**Professor Shake Ketefian**  
Professor of Nursing, University of Michigan, Ann Arbor, USA

**Mr Gavin Leslie**  
Nurse Coordinator Critical Care Division, Royal Perth Hospital

**Professor Judy Lumby**  
EM Lane Chair in Surgical Nursing, University of Sydney, New South Wales

**Professor Sharon McKinley**  
Professor of Critical Care Nursing, University of Technology, Sydney

**Professor Rhonda Nay**  
Professor of Gerontological Nursing, LaTrobe University, Melbourne

**Professor Mary O’Kane**  
Vice Chancellor, The University of Adelaide, Adelaide, South Australia

**Professor Nancy Roper**  
Independent Nurse Scholar, Edinburgh, Scotland

**Ms Jane Salvage**  
Editor-in-Chief, Nursing Times, London, UK

**Professor Sandra Speedy**  
Dean of Health Sciences, Southern Cross University, Lismore
Evidence Based Research Activities

JBIEBNM conducts a range of evidence based research activities designed to provide health professionals with high quality best practice information and to evaluate the impact of that information. The major research outputs are divided into a number of categories.

**Systematic Reviews** on areas of clinical practice are conducted where there are no suitable existing reviews.

These reviews are then synthesised and released as **Information Sheets**. Where suitable systematic reviews already exists permission is sought to develop **Best Practice** Information Sheets based on these reviews.

As each **Best Practice** Information Sheet is released an **Evaluation Cycle** consisting of a pre and post implementation audit, is conducted at a number of sites to determine the impact of this information on clinical practice and patient outcomes.

To determine the broad impact the dissemination of **Best Practice** Information Sheets the JBIEBNM is now conducting an annual **Best Practice Impact Survey**.

JBIEBNM Adelaide undertakes research **consultancies** for the profession relating to various aspects of evidence based practice.
**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.

**Completed Systematic Reviews**

**Title:** Comparing the Effectiveness of Individual Therapy and Group Therapy in the Treatment of Depression  
**Reviewer:** Hodgkinson, B., Evans, D., O'Donnell, A. and Walsh, K.  
**Review Panel:** Ms Ann O'Donnell, Ms Samantha Jolly, Ms Dene Iwanicki, Mr Nick Robilliard, Ms Jenny Nicholson, Ms Sandra Mata, Ms Raili Tanska, Ms Irene Henley, Ms Mellanie Fernandez, Professor Robert Barrett, Ms Carol Turnbull and Mr Tony Halczuk.

**Abstract:** The objective of this review was to summarise the best available evidence on the use of group therapy and individual therapy in the treatment of depression. Findings suggest that individual and group cognitive behavioural therapies for moderately or severely depressed adults are comparable with each other in effectiveness, and both are superior to providing no treatment at all. Individual cognitive therapy is equal to or better than tricyclic anti-depressant drugs given at recommended therapeutic dosages for depressed people.

**Title:** Falls in Acute Hospitals  
**Reviewer:** Evans, D., Hodgkinson, B., Lambert, L., Wood, J. and Kowanko, I  
**Review Panel:** Ms Leonnie Lambert, Ms Jacky Wood, Mr Stephen Simon, Ms Lee Thomas, Ms Paula Butterworth, Mr Trevor McKinlay, Ms Annabel Tolfes and Mr Andrew Zoerner.

**Abstract:** The objective of this review was to present the best available information for the effectiveness of interventions designed to reduce the incidence of falls in patients during hospitalisation. The review also provides a narrative summary of the characteristics of patients who fall, major hospital environmental factors that contribute to falls, and interventions that are currently employed or being trialed.

This review found that while the use of a program of multiple fall prevention interventions was the most common approach, results of its effectiveness are contradictory. The review clearly highlighted the urgent need for further rigorous evaluations of interventions used to prevent patient falls during hospitalisation.
Title: The Effectiveness of Strategies for Preventing and Treating Chemotherapy and Radiation Induced Oral Mucositis in Patients with Cancer

Reviewer: Kowanko, I., Long, L., Hodgkinson, B. and Evans, D.

Review Panel: Dr Leslye Long, Ms Jude Lees, Ms Naomi Heinrich, Dr Liz Coates, Ms Kate Cameron, Ms Wendy Hobbs, Dr Richard Logan, Ms Sue Turrell, Dr Tim Hughes, Dr Dorothy Keefe and Ms Tracy Mander.

Abstract: This review evaluated the effectiveness of interventions used to prevent or treat oral mucositis.

This systematic review demonstrated that many interventions commonly used in clinical practice have never been rigorously tested. Furthermore many combinations of agents are advocated by local experts without evidence to support their use. A strikingly large number of papers were found which simply stated their local regimens for managing oral mucositis in cancer patients. For most strategies reviewed there is insufficient evidence to draw any conclusions regarding their effectiveness. There is an urgent need for further research into most mucositis treatment and preventative strategies.

Reviews in Progress

Title: Vital Signs

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

Review Panel: Judith Berry, 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 and 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.
Title: Knowledge Retention from Pre-Operative Information
Reviewer: Hodgkinson, B., Evans, D. and O’Neill, S.
Review Panel: Ms Sue O’Neill (chairperson), Mr David Evans, other members to be confirmed.
Abstract: This review seeks to summarise the best available evidence regarding patient’s knowledge following pre-operative information, and the effectiveness of the different methods of communicating this information.

Title: Management of Urethral Catheters to Prevent Catheter Related Urinary Tract Infections
Reviewer: Dunn, S., Pretty, L., Evans, D. and Silverston, H.
Review Panel: Ms Heidi Silverton, Ms Irene Wilkinson, Ms Siew Lee, Ms Jacqui McLean, Mr David Evans, Mr Brent Hodgkinson, Professor Sandra V. Dunn, Ms Leigh Pretty, Ms Margaret Southwell, Dr Jan Paterson, Ms Barbara Parker.
Abstract: The objective of this review is evaluate the effectiveness of interventions used to prevent catheter associated urinary tract infections.

Title: Management of Hydration in the Elderly
Reviewer: Hodgkinson, B., Evans, D. and Wood, J.
Review Panel: Ms Jacky Wood, other members to be confirmed.
Abstract: The three objectives of this review are to evaluate the effectiveness of interventions used to promote adequate hydration in the elderly, to identify risk factors associated with an increased risk of dehydration, and to document indicators that can be used to identify elderly people at risk of inadequate hydration.

Title: Management of the Confused Patient in the Acute Hospital
Reviewer: Hodgkinson, B., Evans, D. and Lambert, L.
Review Panel: Ms Leonnie Lambert, Ms Carol Moore, Ms Jacky Wood, Ms Mandy Glover, Ms Bronwyn Langman, Mr Craig Rawson, Ms Anne Hill, Mrs Paula Butterworth, Ms Julie Mead, Ms Angella 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.
Title: Group versus Individual Therapy for People with Schizophrenia.

Reviewer: Hodgkinson, B. Evans, D., Walsh, K. and O’Donnell, A.

Review Panel: Ms Ann O’Donnell, Ms Samantha Jolly, Ms Dene Iwanicki, Mr Nick Robilliard, Ms Jenny Nicholson, Ms Sandra Mata, Ms Raili Tanska, Ms Irene Henley, Ms Mellanie Fernandez, Professor Robert Barrett, Ms Carol Turnbull and Mr Tony Halczuk.

Abstract: This review is in progress and aims to summarise research on the use of group therapy and individual therapy in the treatment of people with schizophrenia.
Best Practice Information Sheets

The output of evidence based research must be accessible to clinicians in a format that allows efficient implementation of the information presented. The format used by the Collaboration to present our evidence based research is the series Best Practice: Evidence Based Practice Information Sheets for Health Professionals. The following Best Practice Information Sheets have been released from January 1998 to June 1999.

Management of Peripheral Intravascular Devices

Best Practice Volume 2, Issue 1, 1998 ISSN 1329-1874

Source review: This information sheet was based on the work of the Center for Disease Control and Prevention, Atlanta USA and is embodied in the publication, CDC., (1996) Guidelines for the prevention of intravascular device-related infections, American Journal of Infection Control, 24 (4) p262-293. Used with permission.

The purpose of this Best Practice Information Sheet was to provide summarised best available evidence on the management of peripherally inserted intravascular devices, to reduce the risk of nosocomial infection.

Falls in Hospitals

Best Practice Volume 2, Issue 2, 1998 ISSN 1329-1874

Source review: This information sheet was based on a systematic review conducted by the Adelaide JBIEBNM Centre; Evans, D., Hodgkinson, B., Lambert, L., Wood, J., and Kowanko, I. 1998 Falls in Acute Hospitals, JBIEBNM, Adelaide ISBN: 0-9586131-2-5

The purpose of this Best Practice Information Sheet was to provide summarised best available evidence on patient falls in hospitals and covers factors that increase the risk of falling, assessment of risk of falling, and interventions aimed at minimising the risk of falling.

Prevention and Treatment of Oral Mucositis in Cancer Patients

Best Practice Volume 2, Issue 3, 1998 ISSN 1329-1874

Source review: This information sheet was based on a systematic review conducted by the Adelaide JBIEBNM Centre; Kowanko, I., Long, L., Hodgkinson, B., and Evans, D., 1998 The Effectiveness of Strategies for Preventing and Treating Chemotherapy and Radiation Induced Oral Mucositis in Patients with Cancer, JBIEBNM, Adelaide ISBN: 0-9586131-1-7

This Best Practice Information Sheet was developed to present the best available evidence related specifically to the prevention and treatment of oral mucositis induced by chemotherapy or radiotherapy in cancer patients.
Management of Constipation in Older Adults

*Best Practice Volume 3, Issue 1, 1999 ISSN 1329-1874*

Source review: This information sheet was based principally on the systematic review conducted by the Health Technology Assessment Program of the NHS UK, embodied in the publication, Petticrew, M., Watt, I., Sheldon, T. (1997) Systematic Review of the Effectiveness of Laxatives in the Elderly, *Health Technology Assessment*, 1 (13). Used with permission.

The purpose of this *Best Practice* Information Sheet was to summarise previous research then present the best available evidence on the Management of Constipation in Older Adults. Areas detailed include the pathophysiology of constipation, risk factors, patient assessment and recommendations for management.

Group and Individual Therapy in the Treatment of Depression

*Best Practice Volume 3, Issue 2, 1999 ISSN 1329-1874*

Source review: This information sheet was based on a systematic review conducted by the Adelaide JBIEBNM Centre; Hodgkinson, B., Evans, D., O’Donnell, A., and Walsh, K. 1998 Comparing the Effectiveness of Individual Therapy and Group Therapy in the Treatment of Depression, JBIEBNM, Adelaide ISBN: 0-646-37534-2

The purpose of this *Best Practice* Information Sheet was to summarise previous research then present the best available evidence on the treatment of depression comparing the interventions of group therapy and individual counselling.
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. In order to assess the effectiveness of the evidence based approach to health care The Joanna Briggs Institute for Evidence Based Nursing and Midwifery undertakes an Evaluation Cycle for each area of clinical practice that is reviewed.

The Evaluation Cycle is a staged process. In the first instance current practice and patient outcomes relating to a given area of practice is established and documented from a number of survey sites. The second stage involves 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.

The following are progress reports for the individual evaluation cycles.

Best Practice in the Prevention and Treatment of Pressure Sores

Investigators:
Professor Alan Pearson, Mr Rick Wiechula, Professor Rhonda Nay, Ms Ann Mitchell

Participant Institutions:
Royal Adelaide Hospital, Mater Misericordiae Public Hospital, North West Hospital, Concord Hospital, Sydney and Royal Hobart Hospital were unable to participate in the return survey.

The prevention of pressure sores 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. Specifically the study will document the prevalence of pressure sores and the variability in clinical practice in the treatment and prevention of pressure sores, before and after implementation of best practice guidelines in a number of Australian hospitals. The data will form a significant baseline measure for future research into the subject, and will be of value to nursing in guiding future practice.

Progress:
The return survey was conducted in September 1998 final analysis was hampered by a number of operational problems that have now been overcome. The final draft report is being circulated to the investigators at this time and will be published shortly.
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 clinically evaluate the effectiveness of identified
nursing interventions. 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 is currently
in progress.

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.

The study is one of a series of major projects to clinically evaluate the
effectiveness of identified nursing interventions.

Progress:
The initial survey was conducted from August to September 1998. Return
surveys are due August/September 1999.
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 multisite projects examining the impact of best practice information and investigating the implementation process.

Progress:
The study has received ethics approval and the initial survey is due to be conducted in August of 1999.
**Best Practice Impact Survey**

The series *Best Practice: Evidence Based Practice Information Sheets for Health Professionals* is now in its third volume and to June 1999 seven issues have been published and disseminated. The series has been targeted toward clinicians with the content and format designed for use where health care occurs. Although anecdotal feedback has been positive, specific and systematic information about the suitability of the series is required.

**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 Joanna Briggs Institute for Evidence Based Nursing and Midwifery conduct systematic reviews of the literature relating to areas of clinical practice of concern to nurses. The information from these systematic reviews is condensed and summaries of the best available evidence are presented in a series, *Best Practice: Evidence Based Practice Information Sheets for Health Professionals*. The purpose of the *Best Practice* Information Sheets is to facilitate positive change in clinical practice by providing nurses with the best available evidence. At this time seven information sheets have been released and have been widely disseminated to nurses throughout Australia. The purpose of this study is to determine what impact these sheets have had on registered nurses and their practice.

**Progress:**
The survey will be conducted with the assistance of the nursing registering bodies in each state and territory. A sample has been drawn of 1% of all registered nurses in Australia and at the time of this report the mail out of survey forms has commenced. Data collection is due for completion in September 1999. Survey questions relate to the impact of individual *Best Practice* Information Sheets with the ability for participants to make recommendations for improving various aspects of the series. The results will provide a profile of the effective dissemination of the series and allow for the series to be further developed to meet the needs of health professionals.
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 EBHC. The following are reports of consultancies undertaken during 1998/99.


Consultant Reviewers/Researchers:

Professor Alan Pearson, Mr Rick Wiechula, Mr David Evans and Mr Craig Lockwood.

The introduction of IT based nursing clinical information systems in Australia held considerable promise. A variety of systems based on varying care delivery models have been implemented with the aims of supporting the needs of both administrators and clinicians. The success in achieving these aims has been in the least variable. In particular clinicians have been critical of these systems being unable to provide the level of clinical decision support that they require. It is therefore timely to review these clinical information systems with regard to the specific needs of clinicians.

At this point there is also increasing pressure on clinicians to ensure that their practice is based on validated research. In particular there is the need to consider how best available evidence will interface with existing and yet to be developed IT decision support systems. It is logical that the interventions that form the basis of these systems should be backed by the best available evidence.

The major objectives of this study were: To identify the most frequently used nursing interventions in the acute care setting throughout Australia and to establish what best available evidence exists to support these interventions and examine the feasibility of developing and maintaining a suitable data base for this purpose.

The study was able to achieve a “top 100” ranked list of acute care nursing interventions and for each of these, evidence based data bases were searched to determine if the interventions were supported by systematic reviews. This study demonstrated the feasibility of creating a base of common nursing interventions and then established that best practice evidence exists and could be linked to the majority of interventions.
The Management of Confused Patients at Admission and Discharge from Acute Care Hospitals

Consultant Reviewers/Researchers:
Professor Alan Pearson, Dr Mary FitzGerald, Dr Ken Walsh, Mr Brent Hodgkinson.

This consultancy for a systematic review was commissioned by Professor Rhonda Nay of LaTrobe University in Melbourne. The objective of this review was to present the best available evidence on the management of confused patients during admission and discharge from a residential or health care facility. This review summarises the use of assessment tools, effects of relocation on confused patients and management of residents to ensure the best possible outcomes.

Due to the lack of primary research describing effective management of elderly confused residents during the admission or discharge to or from residential aged care facilities, this review relied on observational and descriptive studies. These studies do not directly address the question of management but do provide general insight into the assessment, stressing factors, and interventions used to reduce anxiety of confused/demented patients.

Numerous tools to assess cognitive status of patients are available. Although no one tool can be recommended, it is generally agreed that a combination of several tools is effective in identifying the degree of cognitive deficit in individuals, allowing for care to be tailored more specifically. Further the use of these tools may identify patients that are confused for reasons that can be corrected.

Numerous studies were identified that examined the effects of relocation, a major change to routine, on confused persons cognitive and health status. The studies are contradictory, with no clear evidence suggesting a lasting negative effect on relocated patients. One study does provide evidence that patients of medium cognitive deficit are most affected by relocation due to awareness of the environment change but with inadequate coping mechanisms.

Lack of conclusive evidence in this area is unhelpful for health care workers in the aged care industry. It would appear that carers seeking information have only recourse to unsubstantiated expert knowledge in the literature that describes successful practice or custom and practice in their local area. Reality orientation and individualised care appear to be the main themes of research in this area.

Recommendations
- the generation of well designed trials to examine the specificity and sensitivity of assessment tools are warranted;
- the generation of well designed control trials are needed to ultimately determine the effects of relocation (admission and discharge) on confused residents.
- reality orientation be used to familiarise the resident to the new environment,
- planning for admission and early assessment of the resident’s usual daily activities is undertaken to maintain as much of their usual routine as possible;
- new research to validate interventions and to identify other interventions that lead to successful outcomes.
Administration of Medications by Registered Nurses in Remote and Rural Areas

Consultant Reviewers/Researchers:
Professor Alan Pearson, Dr Mary FitzGerald, Dr Ken Walsh, Mr Brent Hodgkinson.

This consultancy for a systematic review was commissioned by Professor Desley Hegney of the University of Southern Queensland.

The aim of the review was to present the best available evidence on the effectiveness of medication prescribing protocols, for rural and remote nurses, on patient outcome and satisfaction.

Several authors advocate the need for designed drug protocols and formularies for rural and remote nurses due to the special circumstances of the working environment. Indeed, some Australian states have already set in motion, or passed, legislation to allow rural and remote nurses certain prescribing powers. This is also the case in numerous American states and in the U.K. However, to date, no experimental trials have been identified that examine the effectiveness of these new prescriptive powers in the rural and remote setting.

Following the rural and remote nursing review, a panel of experts including members of the Royal Flying Doctor Service and several rural nurse researchers was convened in June 1999 by Professor Hegney and coordinated by Mr Hodgkinson. A BPIS directed at rural nurses and their practice of medication management is expected by the end of 1999.

Review Panel Members:
Professor Desley Hegney, Ms Alexandra McCarthy, Ms Jeanette Robertson, Professor Jennifer Watson, Ms Di Millner, Ms Leonie Hobbs, Professor Helen Baker, Mr Howard Hyslop, Ms Lyn Overton, Ms Jenny Cramer, Ms Jane Hogan, Dr Geoff King, Mr Louis Ariotti.
Primary Research

The Lead Centre is undertaking primary research in areas where its systematic reviews indicate a lack of high quality research evidence. Following on from the systematic reviews that have been completed to date, the following areas have been identified as needing further research.

These include:
- The prevention and treatment of pressure sores,
- The management of peripheral intravascular devices,
- The prevention of falls in the Acute Care setting,
- The prevention and management of mucositis, and
- The prevention and management of constipation

The Lead Centre has developed a Randomised Control Trials (RCT) protocol and a number of RCT proposals related to each of these areas have been submitted for funding or are at present being developed and will be submitted for funding to a variety of sources in 1999. The proposals are as follows:

Prevention and Treatment of Pressure Sores

1. Title
A randomised control trial comparing two dynamic pressure relieving devices utilised in the management of pressure ulcers.

Investigators
Dr Sally Borbasi
Dr Ken Walsh
Mr Rick Wiechula

Purpose of the study
The purpose of the study is to determine if there is any significant difference in the efficacy of a new pressure relieving device compared to the existing product currently used in a major teaching hospital.

Funding
To be sought.

2. Title
A randomised control trial to compare the efficacy of Gel/foam mattress and Roho mattress system utilised in the prevention and management of pressure ulcers.

Investigators
Dr Andrea Averis
Dr Mary FitzGerald
Professor Sandra Dunn
Mr Rick Wiechula
Mr Michael Arthur
Ms Pam Sando
Purpose of the study
The purpose of the study is to determine if there is any significant difference in the efficacy of Gel/foam mattress compared to the Roho mattress system currently used in many health care settings.

Funding
To be sought.

Management of Peripheral Intravascular Devices

1. Title
The effect of topical agents at the IV insertion sites to reduce phlebitis

Investigators
Dr Mary FitzGerald
Dr Ken Walsh
Mr Craig Lockwood
Ms Kathryn Rigby
Mr David Foley

Purpose of the study
The purpose of the study is to determine if topical antimicrobial agents are effective in reducing the incidence of phlebitis at IV insertion sites.

Funding
To be sought.

2. Title
A randomised control trial to establish the efficacy of bacteriostatic dressings in the prevention of infection related to central venous catheters.

Investigators
Dr Mary FitzGerald
Ms Tina Jones
Ms Judy Magarey
Ms Kathryn Rigby
Ms Suzie Robertson-Malt
Mr Ian Blight

Purpose of the study
The purpose of the study is to determine the relative efficacy of using long-term bacteriostatic dressings in the prevention of infection related to central venous catheters.

Funding
To be sought.
Prevention of Falls in the Acute Care Setting

1. Title
Effect of staff education on the incidence of falls.

Investigators
Professor Alan Pearson
Mr David Evans
Dr Ken Walsh
Dr Mary FitzGerald

Purpose of the study
The purpose of the study is to determine if a staff education program is effective in the prevention of falls in acute care units.

Funding
Submitted: National Health & Medical Research Council (NH&MRC).

2. Title
A randomised control trial to compare the efficacy of using warning devices in the prevention and or reduction in the severity of falls.

Investigators
Dr Bart O’Brien
Dr Sally Borbasi
Mr David Evans
Mr Rick Wiechula

Purpose of the study
The purpose of the study is to determine if there is any significant difference in the efficacy of using a warning device and not using a warning device in the prevention and or reduction in the severity of falls.

Funding
To be sought.

3. Title
A randomised control trial to compare the efficacy of full length bedrails, half length or no bedrail in the prevention and or reduction in the severity of falls

Investigators
Professor Alan Pearson
Dr Mary FitzGerald
Mr David Evans
Mr Rick Wiechula
Purpose of the study

The purpose of this study is to determine if there is any significant difference in the efficacy of using full length bedrails compared to half length rails or no bedrail in terms of reducing incidence of falls or the severity of injury as a result of the fall.

Funding
Submitted: Australian Research Council.

Prevention and Management of Mucositis

1. Title
A comparison of mouth washes in the treatment of oral mucositis

Investigators
Dr Ken Walsh
Dr Lesley Long
Ms Kate Cameron
Dr Dorothy Keefe
Mr Brent Hodgkinson

Purpose of the study
To investigate the efficacy of Benzydamine mouth wash in the treatment of chemotherapy induced oral mucositis.

Funding
Submitted: Anti-Cancer Foundation.

Prevention and Management of Constipation

1. Title
A randomised control trial to establish the efficacy of a structured exercise program in the prevention and management of constipation.

Investigators
Dr Sally Borbasi
Dr Mary FitzGerald
Dr Nicholas Procter

Purpose of the study
The purpose of the study is to determine the efficacy of implementing a structured exercise program in older adults in terms of the prevention and treatment of constipation.

Funding
Submitted: NH&MRC.
2. Title
A randomised control trial to establish the efficacy of fibre supplement in the prevention of constipation.

Investigators
Professor Alan Pearson
Dr Mary FitzGerald
Dr Nicholas Procter
Ms Judy Magarey
Ms Anita Comacchio

Purpose of the study
The purpose of the study is to determine if there is any significant difference in the efficacy of using a specified fibre supplement (as outlined in the Constipation Best Practice Information Sheet) in comparison to other non-laxative preparations in terms of the prevention of constipation.

Funding
To be sought.

The Prevention of Repeat Falls in an Acute Care Setting

Chief Investigators
Professor Alan Pearson and Mr David Evans

Associate Investigators
Mr Brent Hodgkinson

Aims and significance of study
Patient falls have been identified as a major problem for hospitalised patients resulting in increased patient length of stay, morbidity and mortality. A recent systematic review of the literature by our group (submitted) found that most if not all patients are at some risk of falling while in the acute care setting. There is also, a specific subset of patients that fall on more than one occasion during their hospital stay. This group comprises approximately 16% to 52% of all patients who fall in hospital and are an easily identifiable group with which to target fall prevention interventions. The literature also found few rigorous studies that evaluated the effectiveness of fall prevention programs. Therefore, this pilot study is designed to target patients who have already fallen while in hospital, identify their specific risk factors for falling and implement individualised intervention strategies based on these risk factors. The study will use a randomised control trial research design.

It is anticipated that this fall prevention approach will reduce the number of repeat falls in hospital. If successful, a future, large multicentre trial will be performed that will utilise this strategy to reduce both initial and repeat falls in the acute care setting. The results of such a study could have a substantial impact on nursing practice and patient outcome.
Study Hypothesis

The primary study hypothesis is: Identifying specific risk factors in hospitalised patients who have already suffered at least one fall, and developing personalised intervention strategies to address these risk factors, will result in a significant reduction in the number of repeat falls observed.

Background

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 still 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.

In a recent report by the Australian Patient Safety Foundation (APSF), 35% of all reported hospital incidents were patient falls (unpublished data).

A systematic review on falls in acute care hospitals has recently been completed by The Joanna Briggs Institute for Evidence Based Nursing and Midwifery (JBIEBNM). In reviewing the research for factors that increased a persons risk of falling, identified risk factors included altered mental status, medications the patient is receiving, toileting needs, poor mobility and the patient's age. It has also been noted that the patient having more than one risk factor present is at a higher risk of falling. Patient activities at the time of the fall included; transferring from bed or chair, walking, and sitting in chair, commode or wheelchair.

In reviewing the many papers reporting on falls, a sub group that has received only minimal attention is patients that fall on more than one occasion. The data is highly variable, with studies reporting 16% to 52% of all fallers have a repeat fall. Individual patients have been reported to fall as many as 9 to 14 times during a single hospital stay.

The systematic review failed to identify any high quality studies evaluating interventions aimed at preventing repeat falls. Two randomised controlled trials (RCT) evaluated specific interventions to prevent falls in acute hospitals. However, because of the small number of participants and low number of falls in each group in both these studies, their value is questionable. The most common approach to prevent falls has been to provide a range of interventions aimed at minimising a patient's risk of falling, but no RCT's were identified evaluating the effectiveness of this type of intervention. None of these interventions have been adequately evaluated by rigorous research, and so must be classified as expert opinion. A systematic review of falls in the elderly found that interventions that targeted multiple risk factors in individuals offered significant protection against falls. This review also concluded that RCT's were required to evaluate the effectiveness of fall prevention programs in institutions such as hospitals.

Funding

This research project is currently being undertaken having received funding through the Faculty of Medicine B3 Research Grant Program of $5,000.
Dissemination Evidence Based Research

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery conducts a range of evidence based research activities. The value of this activity can only be realised when the information provided is accessible to health care professionals. To this end the Institute has negotiated with a number of organisations to distribute the series, \textit{Best Practice}, widely throughout Australia, New Zealand and Hong Kong via high circulation journals. In addition best practice information is provided directly to health care institutions that are part of the Institute's network of corporate members.
Best Practice Information Sheets - Published and Disseminated

Best Practice Information Sheets are the primary tool of dissemination utilised by The Joanna Briggs Institute for Evidence Based Nursing and Midwifery. Consisting of six pages of accurate, condensed and easily readable information, a Best Practice Information Sheet summarises the best available research evidence on a project investigated by The Joanna Briggs Institute for Evidence Based Nursing and Midwifery research team. The following report provides distribution details for all Best Practice Information Sheets released during the 1998/1999 period.

Best Practice, Volume 2 Issue 1 1998
Management of Peripheral Intravascular Devices
Released March 1998
Printed: 93,000

- Health & Community Services Union, 2,000 copies
- Kai Tiaki – Nursing New Zealand, 24,000 copies
- International Journal of Nursing Practice, 600 copies
- The Collegian, 8,000 copies
- The Australian Nursing Journal, 53,000 copies
- Collaborating Centres, 1,200 copies
- Lead Centre, 4,000 copies

Best Practice, Volume 2 Issue 2 1998
Falls in Hospitals
Released July 1998
Printed: 93,000

- Health & Community Services Union, 2,000 copies
- Kai Tiaki – Nursing New Zealand, 24,000 copies
- International Journal of Nursing Practice, 600 copies
- The Collegian, 8,000 copies
- The Australian Nursing Journal, 53,000 copies
- Collaborating Centres, 1,200 copies
- Lead Centre, 4,000 copies
### Best Practice, Volume 2 Issue 3 1998

**Prevention and Treatment of Oral Mucositis in Cancer Patients**

Released October 1998  
Printed: 96,500

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### Best Practice, Volume 3 Issue 1 1999

**Management of Constipation in Older Adults**

Released January 1999  
Printed: 98,650

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Practice Manuals

Practice Manual services.

An integral part of The Joanna Briggs Institute for Evidence Based Nursing and Midwifery Corporate Membership Program is the Clinical Practice Manual review process. Since inception in late 1997, the Evidence Based Practice Manual provision for corporate members has grown into a multi level service with three primary aims:

- To provide a high standard of service in Practice Manual research, development and delivery.
- To support informed clinical practice by delivering reviews of research based literature to clinicians at the point of contact in their work environment.
- To facilitate clinician centred inquiry into current practice in light of evidence provided in the reviews.

There are currently two options open to corporate members. They may choose The Joanna Briggs Institute Generic Practice Manual, or submit their institutional manual for updating into The Joanna Briggs Institute template. The generic manual contains reviews of the evidence for related practices, while reviews are added to corporate member manuals to support clinical practices specific to the client’s requirements.

The Joanna Briggs Institute for Evidence Based Nursing and Midwifery has compiled a wide selection of common procedures, complete with literature searches and best available evidence where possible. Corporate clients who choose The Joanna Briggs Institute Practice Manual receive an order form that lists all the procedures currently available. This allows institutions to customise the manual to their specific requirements.

Institutions may submit an existing clinical practice manual for review and update. This involves a process of review, research and consultation with the institution to determine how and where best practice can be incorporated. At the conclusion of this review process, a draft manual will be presented in the approved JBIENM Practice Manual format, before the final product is produced. This process is reviewed and repeated annually for each client on renewal of membership for the designated manual.

Alphabetically, institutions currently involved in the Practice Manual service include:

1. Ashford Hospital
2. Bundaberg
3. Burnside Memorial
4. Calvary, ACT
5. Calvary, SA
6. Ceduna
7. Central Districts
8. Coober Pedy
9. Gympie
10. Hamley Bridge
11. Hong Kong Centre For Evidence Based Nursing and Midwifery
This may be represented graphically by the following:

- **31%** of Members without JBIEBNM Manuals
- **69%** of Members adopting JBIEBNM Manuals

It should be noted that Generic Practice Manuals have been disseminated to each of the Collaborating Centres with the intent of supporting their efforts in attracting membership within their own state or territory.
Publications

Following are the publications released by The Joanna Briggs Institute for the last 18 months.

Systematic Reviews


Best Practice Information Sheets

JBIEBNM 1998 Management of Peripheral Intravascular Devices *Best Practice* Volume 2, Issue 1, ISSN 1329-1874

JBIEBNM 1998 Falls in Hospitals *Best Practice* Volume 2, Issue 2, ISSN 1329-1874


JBIEBNM 1999 Management of Constipation in Older Adults *Best Practice* Volume 3, Issue 1, ISSN 1329-1874

JBIEBNM 1999 Group and Individual Therapy in the Treatment of Depression *Best Practice* Volume 3, Issue 2, ISSN 1329-1874

Journal Articles


Monographs/Books and Research Reports

Clinton, M., Pearson, A. and Dunn, S. (1998) *Advanced Practice Roles in Nursing*, Nurses Board of South Australia, Adelaide (65 pages)


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:

- March 1998
- June 1998
- November 1998
- March 1999
Promotion of Evidence Based Practice

The Collaboration recognises implementation of best practice information is reliant on; access to the information, effecting a change in culture that recognises the value of the 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.

Education and Implementation

Promotional Activities

During 1998/99 the primary focus in South Australia was to promote the Collaboration and the use of evidence based nursing with a total of 57 health care units visited. Rural hospitals were targeted through attendance at regional meetings where possible. Regions visited included the South East, Eyre Peninsula, Mid-North and the Riverland. As part of these visits information sessions were held for nursing staff on critically appraising nursing practice, the role of evidence based nursing and issues of change implementation in nursing practice. The majority of metropolitan public and private hospitals were also visited during 1998. Visits to promote membership to non-corporate members have continued to increase awareness of the Institute, current activities and services provided.

A greater focus has been on the aged care sector in the first part of 1999, including a national mail-out of information relating to evidence based nursing and aged care. This was followed up by phone contact with aged care facilities in South Australia to offer further information. Response has been positive with strong interest shown in the generic Practice Manual provided by the Institute as part of membership.

In 1999 visits have also continued to new nursing management staff of hospitals, new hospitals and to support existing corporate members. Other health service units that have been visited during 1999 include the District Nursing Society and the Anti Cancer Foundation, with attendance by cancer help line volunteers and nursing staff. It is anticipated that the use of the generic Practice Manual in on-going promotion will create further interest in corporate membership.

On-going liaison with corporate members has continued through the provision of workshops, response to questions regarding current evidence in relation to specific nursing interventions and in ensuring that members are satisfied with the service provided. The 2nd Practice Advisory Forum meeting was held in March 1999 to report to corporate members on Institute activities and to select systematic review topics for the forthcoming year.
Workshops

Formal introductory evidence based nursing workshops were run for nursing staff of rural and metropolitan hospital corporate members. Training was provided on running these introductory workshops for Helen Pannowitz, an education consultant from Western Australia who accompanied and observed a workshop run in the Riverland Regional Health Service.

August – November 1998, a series of 4 workshops was conducted “Evidence Based Nursing – What’s it All About?” in Adelaide.

Regular updates have been provided on evidence based health care and the findings of specific systematic reviews at Royal Adelaide Hospital, including the Hampstead and Glenside sites.

July 1998, A collaborative workshop was held in conjunction with Geriaction SA focusing on Evidence in Aged Care Nursing with good attendance.

October 1998, three workshops were provided for the Mater Hospitals in Brisbane as part of a visit to promote the Collaboration and educate nursing staff about evidence based health care.

Conference Attendance and Presentations


July 1998, seminar conducted in conjunction with Geriaction on Evidence in Aged Care Nursing.

October 1998, attended the Health Futures Conference, organised by St Luke’s Nursing Service in Brisbane to promote services offered by JBIEBNM.


November 1998, presented a joint paper with Tracey Paterson (Ashford Hospital) titled “Best Practice in Nursing: A Model for Implementing Change” at the 4th Nursing Practice Conference, “Nursing Practice - In the Web of the Future” in Adelaide.

November 1998, presented a paper entitled “Systematic Review of the Effectiveness of Strategies for Preventing and Treating Chemotherapy and Radiation Induced Oral Mucositis in Patients with Cancer” at the 25th Annual Scientific Meeting of the Clinical Oncological Society of Australia in Sydney.

March 1999, presented “Evidence Based Nursing in Practice” at The Association for Australian Rural Nurses Inc, 7th National Conference in Adelaide.

June 1999, presented “An Evidence Base for Cancer Nursing” at the Winter Congress of the Cancer Nurses Society of Australia in Adelaide. During this meeting co-facilitated a research workshop session.
Web Site

The JBIEBNM web site is located on the PC-CONNECT file server under the exclusive domain name of http://www.joannabriggs.edu.au. The site is maintained by JBIEBNM staff and is constructed using Adobe PageMill 3.0 on an Apple Macintosh Performa 6400/200. The site consists of 10.1 Mb of data including 390 items/pages.

From the main menu, guests may access a wide variety of information relevant to EBHC 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.

Since it’s inception in October 1997, the web site has serviced over 7,000 remote hosts, receiving 158,000 information requests.

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.


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Financial Report

Joanna Briggs Institute for Evidence Based Nursing and Midwifery
Profit and Loss Statement
Year Ending 30 June 1998

**Revenue**

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**Revenue Raised**

| Commissioner of Charitable Funds | $351,622.51 |
| Dept of Human Services Grant | $250,000.00 |
| Membership and Other Revenue | $68,916.37 |

**Total Revenue Raised** $632,608.88

**Less Operating Expenses**

**Salaries and Wages**

| Salaries and Wages | $232,460.47 |

**Goods and Services**

| Printing | $63,346.51 |
| Telephone | $486.93 |
| Office and General Expenses | $25,495.68 |
| Postage | $9,450.28 |
| Fees and Charges | $41,070.78 |
| Equipment | $19,154.30 |
| Repairs | $73.00 |
| Computer | $1,290.00 |
| Internal Charges | $1,501.98 |
| Travel | $29,520.46 |
| Course Fees | $6,817.40 |

**Total Operating Expenses** $430,667.79

**Operating Profit (Loss)** $201,941.09
## Joanna Briggs Institute for Evidence Based Nursing and Midwifery
### Profit and Loss Statement
#### Year Ending 30 June 1999

### Revenue

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### Revenue Raised

| Dept of Human Services Grant | $250,000.00 |
| Membership and Other Revenue | $358,324.03 |
| Total Revenue Raised          | $560,265.12 |

### Less Operating Expenses

#### Salaries and Wages
- Salaries and Wages: $265,884.55

#### Goods and Services
- Printing: $90,782.13
- Telephone: $404.21
- Office and General Expenses: $13,026.48
- Postage: $8,280.69
- Fees and Charges: $43,355.17
- Equipment: $1,265.00
- Repairs: $53.38
- Computer: $12,234.26
- Internal Charges: $770.56
- Travel: $6,315.73
- Course Fees: $995.00

| Total Operating Expenses | $443,367.16 |
| Course Fees              | $177,482.61 |

### Operating Profit (Loss)
- $116,897.96
The Hong Kong Centre for Evidence Based Nursing and Midwifery

Department of Nursing
The Chinese University of Hong Kong
January 1998-June 1999

Centre Staff

Director
Professor Anne Chang

Core Team/Management Committee
Professor Sally Chan
Professor Janita Chau
Professor Alex Molassiotis
Ms Betty Wong
Dr Sheila Twinn
Ms Becky Ho
Ms Rossini Lam
Ms Idy Lee

Advisory Panel
Professor Ann MacKenzie
Professor Joseph Lee
Professor Anne Chang
Dr Dickson Chang
Dr Clarke Hazlett
Ms Hermia Ho
Mr Michael Ho
Ms Frances Leung
Ms Susie Lum
Dr Alison Reid

Significant Events
February 1998 – Meeting of Management Committee
March 1998 – Meeting of Advisory Panel
August 1998 – Meeting of Management Committee
October 1998 – Meeting of Management Committee
February 1999 – HK$343,450 funding received for Best Practice Information Sheet implementation and evaluation (Peripheral Intravascular Devices)

Noteable Visitors
Professor Alan Pearson, Director of JBIEBNM
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.

Best Practice Information Sheets

*Best Practice* Summary Sheet (Chinese) – The Prevention of Pressure Related Tissue Damage

*Best Practice* Summary Sheet (Chinese) – The Management of Pressure Related Tissue Damage

*Best Practice* Summary Sheet (Chinese) – The Management of Peripheral Intravascular Devices

Evaluation Cycles

March 1998 - Best Practice in the Management of Peripheral Intravascular Devices

August 1998 - Best Practice in the Prevention of Falls

Publications


Ip, W.Y. (Accepted for Publication). Relationship between partner’s support during labour and maternal outcomes. *Journal of Clinical Nursing*.


**Workshops/Courses**

May 1998 - Evidence Based Nursing seminar, The Chinese University of Hong Kong

June 1998 - Evidence Based Nursing seminar, The Chinese University of Hong Kong

February 1999 – Half day seminars on EBHC

February 1999 – Half day seminar on Best Practice Information Sheets

**Conferences/Presentations**


Department of Nursing, The Chinese University of Hong Kong.


**Other**

**Research Projects**


The New Zealand Centre for Evidence Based Nursing

Auckland Hospital
January 1998-June 1999

Centre Staff

Director
John McArthur

Core Team Members
Ms Heather Baker
Ms Lorraine Thompson
Ms Dianne Marshall
Ms Francis Ward
Ms Victoria Smith
Ms Cheryl Kirkness
Ms Lesley Powell
Ms Sid Cuthbertson
Ms Cynthia Wensley
Ms Rowanne Mann
Mr Andrew Jull
Ms Catherine Tracy
Ms Prue Bell

Advisory Panel
Ms Mia Carroll
Professor Norman Sharpe
Ms Mata Forbes
Ms Wendy Bunker
Ms Jocelyn Peach
Associate Professor Judy Kilpatrick

Significant Events
March 1998 - grant awarded from AIT for NZ$100,000 over a two year period
November 1998 - Meeting of the Advisory Management Board

Noteable Visitors
Professor Norman Sharpe, Chairperson of the NZGG Advisory Committee
Dr Andrea Baumann, Travelling Fellow for the NZ Nurses Education and Research Fund, Assoc. Dean Health Science (Nsg), McMaster University, Canada, Director, Collaborating Centre, Primary Health Care & Nursing Education
Evidence Based Research

Systematic Reviews
The instillation of 0.9% Sodium Chloride prior to suctioning patients with an artificial airway - review complete, draft report underway.

The effectiveness of hyperinflation and hyperoxygenation in suctioning patients with an artificial airway - review in progress, draft report underway.

Suctioning patients with an artificial airway - review complete, draft report underway

Best Practice Information Sheets
Commenced draft of BPIS on Implementing Evidence in Practice (JBIEBNM, NZCEBNM, VCEBNM)

Evaluation Cycles
March 1998 - Best Practice in the Management of Peripheral Intravascular Devices

August 1998 - Best Practice in the Prevention of Falls

March 1999 - Best Practice in the Management of Peripheral Intravascular Devices

Publications
McArthur, J. Editorial for the NZNO Research Section Newsletter on the Progress & Activities of the NZCEBN. Newsletter 4, December 5th, 1998


Workshops/Courses
March 1998 - Seminar & Workshops Series “Evidence and Effectiveness in Healthcare”, Auckland NZ

July 1998 - McArthur, J. Presentation to the NZNO Gerontology Section of Auckland on EBHC

July 1998 - Green Lane and National Women’s Hospital EBHC Introductory Workshop

July 1998 - Auckland Hospital EBHC Introductory Workshop

August 1998 - Baker, H. & McArthur, J. Workshop on EBHC at the NZNO Auckland Nurses Professional Forum
May 1999 - “Nursing & Guidelines” Workshop, 2nd New Zealand Guidelines Conference, Mia Carroll.


The NZCEBN has run introductory and advanced (CAT) workshops on EBP within Auckland Healthcare and for corporate members regularly over this period, including workshops at Lakeland Health, Waitemata Health, South Auckland Health, & Mercy Hospital, Auckland.

Conferences/Presentations


Other

Guideline for the Management of Venous and Mixed Venous/Arterial Leg Ulcers

This guideline is registered with the New Zealand Guidelines Group; Mr Andrew Jull (Clinical Nurse Consultant, Auckland Hospital, NZCEBN Research Officer), Assoc. Professor Bruce Arroll (General Practice), Mr Russell Bouchier (Vascular Surgeon, Auckland Hospital), Mr Paul Gelber (Clinical Pharmacist, Auckland Hospital), Ms Anita Latta (Team Leader, Leg Ulcer Team, A+ Links), Mr Richard Milne (Pharmacoeconomist, Health Outcomes Associates), Ms Natalie Walker (Auckland Leg Ulcer Study, University of Auckland), Dr Jill Waters (Geriatrician, A+ Links), Mr Nathan Tuuta (Māori Health), Mr Fergus Oliver (Dermatologist, Auckland Healthcare)
Development of a Guideline for Urine Specimens

An audit of current practices and decision making processes as well as treatment outcomes in the General Medicine wards of Auckland Hospital.

The aim of this audit is to determine the gap between current and optimal practice in the requesting of laboratory urine tests to contribute to the diagnostic &/or therapeutic work-up for an individual patient; Mr John McArthur (Director NZCEBN), Dr David Holland (Microbiologist), Ms Catherine Tracy (Clinical Nurse Consultant), Dr Andrew Woodhouse (Medical Tutor Specialist), Mr Ian Grant (Unit Nurse Manager, General Medicine), Ms Sue Fenwick, (Nurse Practitioner, Infection Control).
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

Centre Staff

Director  
Dr Jennifer Watson

Core Team  
Ms Janice Crerar  
Ms Marie Land  
Ms Bev Turnbull

The Northern Territory University, Centre for Clinical Nursing and Research and the Royal Darwin Hospital have joined forces to become a collaborating Centre in Remote Evidence Based Nursing and Midwifery of The Joanna Briggs Institute. This has created an opportunity for the advancement of best practice in nursing and midwifery through inquiry based practice in remote areas across the Territory and Australia wide. Professor Jennifer Watson is Director of the new Collaborating Centre. The Deputy Director is yet to be appointed from Royal Darwin Hospital.

The Centre for Clinical Nursing and Research (CCNR), aims to enhance health outcomes for the community of the Northern Territory and further the professional education of nurses and midwives through its commitment to evidence based practice and primary research in health issues related to Aboriginal health, and health issues of Central Australia and the Top End. The CCNR has networks with Alice Springs Hospital, Tennant Creek Health Services, Katherine Hospital and Gove District Hospital. It also has professional networks with the Centre for Remote Health in Alice Springs and Aboriginal Health Services at Danila Dilba, Wuri Wurljiang and Congress.
The Queensland Centre for Evidence Based Nursing and Midwifery

Mater Misericordiae Public Hospitals
January 1998-June 1999

Centre Staff

Director
Dr Grace Croft

Deputy Director
Ms Irene Lake

Core Team Members
Mrs Ann Mitchell
Ms Jane Jacobs
Mrs Prabha Ramritu
Mrs J Evans

Advisory Panel
Ms Kym Barry
Ms Debra Creedy
Associate Professor Elizabeth Davies
Mr Brad Elms
Ms Marjorie Henderson
Ms Catherine James
Ms Michelle McHugh
Ms Debra Nizette
Ms Sue Norrie
Mr Jim O’Dempsey (Chair)
Ms Yvonne Osborne
Ms Ruth Triggs

Significant Events
September 1998 - Inaugural Meeting of Advisory Panel
November 1998 - Advisory Panel Meeting
1998 - $39,000.00 funding grant from Charles & Sylvia Viertel Charitable Foundation to fund the conduct of the Systematic Review on dysphagia, publication of Best Practice information Sheet, and development of brochure for family/non licensed carers in safe feeding practices for patients at risk.
February 1999 - Advisory Committee Workshop on future directions of QCEBNM
March 1999 - Advisory Panel Meeting Task force appointed - to develop proposal to Queensland Health

April 1999 - Task Force Meeting

May 1999 - Task force Meeting

May 1999 - Announcement of the JBIEBNM "Getting a Grip on Evidence" Colloquium to be hosted jointly by JBIEBNM, Mater Hospitals and QUT

August 1999 - Task Force Meeting

**Noteable Visitors**

Cheryl Burns, DON Prince Charles Hospital
Megan Low, ADON Prince Charles Hospital
Karen Parsley, Executive Director of Nursing Brighton Healthcare NHS Trust (UK)
Mary Montgomery, DON Redcliffe Hospital
Helen Woollett DON Caboolture Hospital
Denise Clark - Nurse Manager RCH
Kathleen Hudson - ADON The Wesley Hospital
Jill Smith DON, and Marj Henderson, Project Nurse - Blue Nursing Service
Dr Pamela Hinds - USA - (Professor of Nursing St. Jude's Hospital - Tennessee)

**Evidence Based Research**

**Systematic Reviews**

*Identification & nursing management of dysphagia in neurologically impaired Individuals.* The systematic review protocol and literature search have now been completed and the data extraction and writing of the report of the systematic review is underway. Two Best Practice Information Sheets will be prepared, (due to space limitations): one for adults, one for children. A guide for use by family carers and unlicensed assistive personnel is being prepared.

**Best Practice Information Sheets**

Nil.

**Evaluation Cycles**

March 1998 - Best Practice in the Management of Peripheral Intravascular Devices

September 1998 - Best Practice in the Prevention and Treatment of Pressure Sores
March 1999 - Best Practice in the Management of Peripheral Intravascular Devices

June 1999 - Best Practice in Management of Oral Mucositis

Publications


Workshops/Courses

July 1998 - in-service lecture on EBHC to the Pharmacy Staff, Mater Hospital Brisbane

August 1998 - in-service lecture on EBHC to the ICU staff, Mater Adult Hospital, Brisbane

October 1998 - K Cameron in-service sessions, Mater Adult Hospital, Mater Children's Hospital, mater Private Hospital - Brisbane

February 1999 - Advisory Committee workshop to address issues related to the development of an operational plan and submission for funding

February 1999 - Workshop/Conference for DON+s Tri-Care Inc

March 1999 - Presentation to Levels 3 & 4 nursing staff Greenslopes Private Hospital

March 1999 - Presentation to RN students in baccalaureate program QUT

March 1999 - Presentation to RN students in Pediatric Critical Care course ACU McAuley

May 1999 - Implementation workshop to Levels 3,4,5 nursing staff, Prince Charles Hospital

May 1999 - EBHC to CCU Nursing staff Wesley Hospital

May 1999 - EBHC to Nurse Managers - Wesley Hospital

June 1999 - Implementing EBHC to Practice and Policy Committee - Wesley Hospital

June 1999 - EBHC to RN students in baccalaureate program ACU - McAuley

July 1999 - EBHC to undergraduate students ACU - McAuley
Conferences/Presentations

March 1998 - N Cullum & G Croft presented a seminar on EBHC, RCNA Qld
June 1998 - Seminar on EBHC to the ADON+s Wesley Hospital
July 1998 - Seminar on EBHC to the Senior Executive Staff St Lukes Nursing Service
October 1998 - K Cameron manned JBIEBNM display at the Health Futures Conference promoted by St Lukes Nursing Service
November 1998 - G Croft presented JBIEBNM and QCEBNM at the Statewide Clinical Innovation Network Satellite Broadcast sponsored by the Queensland Health Clinical Improvement Team (Organisational Improvement Unit)
April 1999 - G Croft invited to present paper on implementation at Australian Private Hospitals conference - later cancelled due to poor registration
June 1999 - Presentation at 9th Annual Conference of Nurses in State Special Education Schools (Education Queensland)

Other

Research Projects

Identifying the needs of children with multiple disabilities (McKinnon M, Ramritu P)
The effect of two techniques of suctioning children requiring artificial ventilation (Ramritu P, Murray A (PICU))

The following are additional projects being conducted in the Mater Hospitals

(Mater Children's Hospital) Identification of Strategies to optimise the delivery of care to children
(Mater Mothers Hospital) Changing concerns of older primigravida women and the implications for perinatal education
An investigative study of the clinical midwifery management of the perineum during the second stage of labour of a normal spontaneous delivery
The Victorian Centre for Evidence Based Nursing

Victorian Centre for Nursing Practice Research
School of Postgraduate Nursing
The University of Melbourne
January 1998-June 1999

Centre Staff

Director
Professor Judith Parker

Core Team
Associate Professor Sanchia Aranda
Dr Tracey Bucknall
Dr Linda Johnston
Ms Robyn Faulkner

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

Significant Events

Month of Advisory Committee meetings
April 1999 – Opening of the School of Postgraduate Nursing’s new premises
April 1999 – Launch of the Victorian Centre for Nursing Practice Research
April 1999 – Advisory Committee meeting
Noteable Visitors
Hon Rob Knowles MLC, State Minister for Health and Minister for Aged Care
Professor Alan Pearson, Director JBIEBNM, Head of Dept, Dept Clinical Nursing, The University of Adelaide

Evidence Based Research

Systematic Reviews
Best Practice in the Assessment and Management of Incontinence to commence late 1999.

Best Practice Information Sheets
Nil

Evaluation Cycles
March 1998 - Best Practice in the Management of Peripheral Intravascular Devices (Royal Melbourne Hospital)
August 1998 - Best Practice in the Prevention of Falls (Box Hill Hospital)
March 1999 - Best Practice in the Management of Peripheral Intravascular Devices (Royal Melbourne Hospital)

Workshops/Courses
School of Postgraduate Nursing, University of Melbourne (L Johnston)
School of Nursing, Faculty of Health Sciences, La Trobe University (L Johnston)
Royal Children's Hospital (L Johnston)
Eastern Palliative Care (S Aranda)
Citymision Hospice Service (S Aranda)
Peter MacCallum Cancer Institute (S Aranda)

Conferences/Presentations
Annual International Conference of Emergency Medical Services (T Bucknall)
“Finding the Evidence” Royal Children's Hospital (L Johnston)
“Evidence Based Practice in Nursing” Community Palliative Care Service, Hobart (S Aranda)
“From Clinical Question to Research Proposal” Community Palliative Care Service, Hobart (S Aranda)
October 1998 – Professor Judith Parker presented “Research and Evidence Based Practice: What do they Mean for the Future?” at the HCoA National Directors of Nursing Day in Wollongong.

February 1999 – Dr Linda Johnston attended the First UK Centre for Evidence Based Nursing workshop in Harrogate UK

February 1999 – Dr Tracey Bucknall attended the conference “Has Evidence Based Health Care Fulfilled its Early Promise?” at the Centre for Clinical Effectiveness, Monash University

Other

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

Curtin University of Technology
January 1998-June 1999

Centre Staff

Director
Professor Robin Watts

Core Team Members
Dr Sue McDonald
Ms Jeanette Robertson
Ms Sue Terry

Project Officer
Ms Gail Thomas

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
Janie Young

Significant Events
March 1998 – Meeting of Management Committee
April 1998 - $10,000 grant received from the Helen Bailey Scholarship HDWA
April 1998 – Meeting of Advisory Panel
June 1998 – Meeting of Management Committee
September 1998 – Meeting of Management Committee
December 1999 – Meeting of Advisory Panel
December 1998 - Meeting of Management Committee
February 1999 - Meeting of Management Committee
May 1999 - Meeting of Advisory Panel
June 1999 - Meeting of Management Committee
Noteable Visitors
Professor Margaret Treacy, Head, Department of Nursing Studies, University College, Dublin, Ireland.

Evidence Based Research

Systematic Reviews
*Nursing Management of Fever in Children* has completed the protocol development, literature search and data extraction phases of the Systematic Review and is in the process of preparing a best practice sheet and Systematic Review Report.

Physiological effects of body positioning in very pre-term infants, protocol development completed.

Best Practice Information Sheets
Nil

Evaluation Cycles
Peripheral Intravascular Devices (Royal Perth Hospital) Survey 1
Peripheral Intravascular Devices (Royal Perth Hospital) Survey 2

Publications

Workshops/Courses
Two introductory workshops have been held on Information Searching (22 participants total) and one workshop on EBHC (23 Community Health Nursing participants total).

Conferences/Presentations
R Watts “Evidence Based Care in Paediatric Nursing” - ICN Centennial Celebrations, London July, 1998
R Watts “Hot and Sweaty: Nursing Management of Fevers” - Association of Paediatric and Child Health Nurses WA, November 1998


R Watts “Evidence Based Practice” - Invitational presentation, HDWA Quality Enhancement in Health Care Symposium, February 1999


R Watts presented at the Private Hospital DON’s Group (WA), May 1998

S McDonald presented at the Australian College of Midwives (WA) Annual General Meeting, October 1998

Information Stands

Medical Research Week, June 1998
APCHN seminar, November 1998
PRISM conference, November 1998
WA Nursing Research conference, February 1999