Epworth/Deakin Centre for Clinical Nursing Research

Annual Report

2013-2014

Professor Mari Botti
Chair in Nursing
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INTRODUCTION

The Epworth/Deakin Centre for Clinical Nursing Research is a joint initiative between Deakin University’s School of Nursing and Midwifery and Epworth HealthCare. The Centre was established in 2004 to conduct collaborative clinical research and provide staff and students the opportunity to engage in clinically focussed, multidisciplinary research and training across acute, rehabilitation and community healthcare settings.

The Centre provides academic and professional leadership to staff and students and recognises the importance of combining expertise from both industry and academia to inform the quality and safety of healthcare delivery. A defining feature of the Centre is that it fosters a rich diversity of activities in health services research with the aim of enhancing the research culture at Epworth with benefits for staff, academics, students and patients.

Objectives

The four key objectives of the Centre are to:

1. Pursue a program of research that supports the core clinical activities of Epworth HealthCare and is situated within the Quality and Patient Safety (QPS) research cluster of the Faculty of Health, Deakin University. Our three overarching research priorities are:
   a. Patient engagement and participation in healthcare
   b. Patient experiences of care and recovery
   c. Clinical support for delivery of high quality, safe care.
2. Support Quality and Patient Safety activities at Epworth HealthCare through research translation.
3. Provide leadership and mentorship for the professional development of clinical and academic staff through research training and education.
4. Establish a public profile of the Centre that promotes its activities and research outcomes and highlights the expertise of its researchers as leaders in their field.

Professor Mari Botti, RN BA PGDACP PhD Melbourne, MRCNA
Chair in Nursing
Epworth/Deakin Centre for Clinical Nursing Research
CENTRE STAFF

The Epworth/Deakin Centre for Clinical Nursing Research is directed by Professor Mari Botti. As Chair in Nursing she reports to the Head of the School of Nursing and Midwifery at Deakin University and the Chief Executive of Epworth Hospital.

Professor Maxine Duke, Professor Megan-Jane Johnstone, Dr Bodil Rasmussen and Dr John Rolley are Deakin University Affiliates. All other staff report directly to Professor Botti.
## RESEARCH PROJECTS

### Priority 1: Patient engagement and participation in healthcare

<table>
<thead>
<tr>
<th>Title</th>
<th>Research Team</th>
<th>Site/s</th>
<th>Funding Source</th>
<th>Purpose</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Nursing roles and strategies in end-of-life decision making involving older people from culturally and linguistically diverse (CALD) backgrounds admitted to Victorian hospitals for end-of-life care</td>
<td>Redley, B., Johnstone, M.J. and Hutchinson, A.</td>
<td>Epworth HealthCare Deakin University</td>
<td>$49,467 funded by Ella Lowe Grant (NBV) (2012-13)</td>
<td>The exploration, critique and description of nursing roles and strategies in end-of-life decision making involving older people from culturally and linguistically diverse (CALD) backgrounds admitted to Victorian hospitals for end-of-life (EOL) care. A related aim is to provide a practical basis for a subsequent study investigating the possible link between nurses’ EOL decision making and CALD patient and family member outcomes apropos experiencing a ‘good death’ when admitted to acute care services for EOL care.</td>
<td>2013 ongoing Publications in progress</td>
</tr>
<tr>
<td>3. Patient participation in symptom management in the oncology context: a Chinese cohort study</td>
<td>Lin Cen (PhD candidate), Botti, M., Cohen, E and Livingston, P</td>
<td>China</td>
<td>International Post Graduate Scholarship Deakin University</td>
<td></td>
<td>2012 ongoing Data analysis</td>
</tr>
<tr>
<td>4. Patient participation in symptom management in acute care settings: An international cohort comparison (pilot)study</td>
<td>Botti, M., Cohen, E., Livingston, T., Johnstone, M., Duke, M., Redley, B., and Rasmussen, B.</td>
<td>Epworth HealthCare Alfred Health Mahidol University Deakin University</td>
<td>$60,000 funded by Centre for Quality &amp; Safety Research $10,000 funded by Epworth Research Institute</td>
<td>To explore some of the conceptual and methodological issues associated with transnational research of the concept of patient participation in the context of symptom management in acute cancer care.</td>
<td>2011 ongoing Data collection and analysis</td>
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<tr>
<td>Title</td>
<td>Research Team</td>
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<tr>
<td>5. Translation of Evidence into pain management practices in the postoperative cardiac surgery context</td>
<td>Wensley, C.(PhD Candidate) and Botti, M.</td>
<td>New Zealand</td>
<td>Australian Post Graduate Award Deakin University</td>
<td>To examine the level and type of physical activity undertaken by people with multiple myeloma before, during and following treatment; identify the benefits of participation and the barriers to participation in physical activity; and identify preferences for physical activity programs.</td>
<td>2011 ongoing Data collection</td>
</tr>
<tr>
<td>6. Improving quality of life outcomes for people with multiple myeloma</td>
<td>Livingstone, T., Craike, M., Holdsworth, A. Horden, A., Gaskin, C., King, H., Hose, K., Courtney, K., Botti, M., Wilson, S., Harrison, S., and Joyce, T.</td>
<td>Eastern Health Epworth HealthCare Deakin University</td>
<td>$40,000 funded by Centre for Quality and Safety Research, Deakin University (2011-12)</td>
<td>To examine the level and type of physical activity undertaken by people with multiple myeloma before, during and following treatment; identify the benefits of participation and the barriers to participation in physical activity; and identify preferences for physical activity programs.</td>
<td>2011 ongoing Publications in progress</td>
</tr>
<tr>
<td>7. The efficacy of a referral and physical activity program for survivors of prostate cancer</td>
<td>Livingstone, P., Salmon, J., Gaskin, C., Botti, M., Broadbent, S., Courneya, K., and Kent, B.</td>
<td>Deakin University University of Alberta Victoria University YMCA</td>
<td>ARC $263,000, Prostate Foundation $70,000 Prostate Cancer Foundation. $333,000 (2010-2012)</td>
<td>To investigate the potential influence clinicians have on increasing physical activity levels among prostate cancer survivors, by referring cancer survivors to a physical activity program, with expert involvement from exercise physiologists. This study will inform the development of a physical activity program for prostate cancer survivors.</td>
<td>2010 ongoing Publications in progress</td>
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## Priority 2: Patient experiences of care and recovery

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<tr>
<th>Title</th>
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<tbody>
<tr>
<td>8. Supporting Carers of patients with Cancer</td>
<td>Livingston, T., Botti, M. et al</td>
<td>Epworth HealthCare Eastern Health</td>
<td>$560,000 funded by NHRMC (2013-16)</td>
<td>To test the hypothesis that excessive caregiver burden is modifiable through a comprehensive low cost intervention that includes supportive care and telephone support. To undertake a pilot study to test whether the intervention: reduces caregiver burden; improves psychological health (depression); increases ability to navigate health services; increases health literacy (ability to understand, access and utilise health services); improves quality of life; and is cost effective within a formal health economic evaluation.</td>
<td>2013 ongoing Data collection</td>
</tr>
<tr>
<td>9. Pain experience and pain treatment in the context of standardised pain management in a Danish cohort</td>
<td>Botti, M., Brandt, E., and Rasmussen, B.</td>
<td>Holstebro, Denmark Deakin University</td>
<td></td>
<td>A pain prevalence study of patients after joint replacement surgery to identify pain experience and pain treatment in a centre where standardised pain treatment is available.</td>
<td>2011 ongoing Publications in progress</td>
</tr>
<tr>
<td>10. Evaluating the quality of 24-hour acute care delivery:</td>
<td>Beddoes, L. (PhD Candidate) and Botti, M.</td>
<td>Alfred Health</td>
<td>Australian Post Graduate Award</td>
<td>Describing functional outcomes of older people using a model of best practice</td>
<td>2006 ongoing Data analysis</td>
</tr>
<tr>
<td>11. Patient communication of pain in acute care contexts</td>
<td>Hunter, S. (PhD candidate) and Botti, M.</td>
<td>Epworth HealthCare</td>
<td>NHMRC Dora Lush PhD Scholarship</td>
<td>The clinically significant meaning behind numerical pain ratings</td>
<td>2011 ongoing Data collection and analysis</td>
</tr>
<tr>
<td>12. Patient participation, patient satisfaction and patient experience</td>
<td>McDonall, J. (PhD candidate), Botti, M. and Redley, B.</td>
<td>Epworth HealthCare</td>
<td>Australian Post Graduate Award ANMF Grant $5,000</td>
<td>Explore the relationships between patient experience, patient satisfaction and patient participation in the context of processes for acute episodic care delivery.</td>
<td>2010 ongoing Data collection</td>
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### Priority 3: Clinical support for delivery of high quality, safe care

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<tr>
<th>Title</th>
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<tr>
<td>13. Antimicrobial stewardship in Thailand</td>
<td>Sutthiruk, N, (PhD Candidate) Botti, M., Considine, J. and Driscoll, A.</td>
<td>Thailand</td>
<td>International Post Graduate Scholarship Deakin University</td>
<td>To examine compliance with best practice standards for medication safety in the use of the Medchart (electronic prescribing) and the National Inpatient Medication Chart (NIMC) at Epworth Eastern. Rates of prescribing, transcribing or administration errors associated with the two medication charts will be examined prospectively using audit. Guidelines provided by the Australian Council on Safety &amp; Quality in Health Care will be used as best practice standards and medication charts will be audited using the NIMC Audit tool.</td>
<td>May 2014 Pre-confirmation of candidature</td>
</tr>
<tr>
<td>14. Compliance with national standards and error in use of medchart and the NIMC at Epworth Eastern</td>
<td>Redley, B., Palmer, D. and Mikhail, N.</td>
<td>Epworth Eastern</td>
<td>Self funded</td>
<td>A multi-method study across three hospital sites to explore patient experiences of participation during wards rounds in acute medical inpatient services.</td>
<td>2014 ongoing Data collection</td>
</tr>
<tr>
<td>15. Patient and family experience of participation in inter-professional rounds on acute inpatient medical wards</td>
<td>Cohen, E., McTier, L., Redley, B., Bennett, P. and Botti, M.</td>
<td>Alfred HealthCare Monash Health Epworth Healthcare Eastern Health</td>
<td>$46,716 (QPS) 2014-2015</td>
<td>To scope existing tools and strategies used by health services to screen and assess for risk in older people in hospital to avoid preventable harm; identify “what works well” and make recommendations informed by good practice and best evidence.</td>
<td>May 2014 Start up</td>
</tr>
<tr>
<td>16. Risk screening and assessment for avoiding preventable harm in older people in hospital</td>
<td>Redley, B. Clinical leadership Group (DH)</td>
<td>Alfred HealthCare Monash Health Epworth Healthcare Eastern Health</td>
<td>Department of Health (Vic) ($35,000)</td>
<td>To examine compliance with best practice standards for medication safety in the use of the Medchart (electronic prescribing) and the National Inpatient Medication Chart (NIMC) at Epworth Eastern. Rates of prescribing, transcribing or administration errors associated with the two medication charts will be examined prospectively using audit. Guidelines provided by the Australian Council on Safety &amp; Quality in Health Care will be used as best practice standards and medication charts will be audited using the NIMC Audit tool.</td>
<td>2014 Data collection</td>
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<td>17. Increasing patient safety by eliminating unnecessary variation in fasting and sedation practices before cardiac procedures.</td>
<td>Rolley, J., Considine, J. and Botti, M.</td>
<td>Eastern Health, Northern Monash Health</td>
<td>Alfred Deakin Post Doctoral Research Fellowship - $10,000 Central Grant Research Scheme $23,000</td>
<td>To improve our understanding of pre-procedural fasting and sedation in people undergoing emergency and elective percutaneous coronary interventions. A series of studies and methods are being used to accomplish the aims of the project</td>
<td>July 2014 Start up</td>
</tr>
<tr>
<td>19. A tool to audit the quality of nursing documentation</td>
<td>Heenan, J. and Redley, B.</td>
<td>Epworth HealthCare</td>
<td>Honours Student 2013</td>
<td>To describe best practices for radiotherapy nursing and to explore and describe registered nurses experiences of delivering care for patients treated with radiotherapy</td>
<td>2013 Data collection</td>
</tr>
<tr>
<td>20. Best practices for nursing care of inpatient radiotherapy patients</td>
<td>Hjorth, M., Redley, B and Cohen, E</td>
<td>Epworth Richmond</td>
<td>Masters Student 2013</td>
<td>To describe best practices for radiotherapy nursing and to explore and describe registered nurses experiences of delivering care for patients treated with radiotherapy</td>
<td>2013 Data collection</td>
</tr>
<tr>
<td>21. An innovative screening device for detection of lower limb abnormality after surgery: DVTect</td>
<td>Botti, M., Redley, B., Simpson, L., Knuckey, L., Junor P., Mc Guigan, S. and Keating A. (Masters)</td>
<td>Epworth HealthCare</td>
<td>$50,626 funded by Epworth Research Institute (2012-13)</td>
<td>To estimate the ability of an innovative, convenient and low cost screening device “DeVeTect” to detect lower limb vascular abnormality, which includes DVT. If the screening device meets expectations, it can have immediate implications for improved clinical management of, and outcomes for, various patient groups susceptible to DVT. This study will test the device in patients undergoing knee arthroplasty, a population of patients known to be at high risk for DVT and likely to receive benefit if successful.</td>
<td>2013 ongoing Start up</td>
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<td>22. A feasibility assessment for an intelligent care support tool for acute healthcare delivery in the private healthcare context.</td>
<td>Wickramasinghe, N., Botti, M., Redley, B., Nguyen, L., Stein, M., Vawser, T. and McNichol, L. (Hons)</td>
<td>Epworth HealthCare</td>
<td>$49,965 funded by Epworth Research Institute (2012-13)</td>
<td>Despite their central role in health care delivery, intelligent systems have rarely been designed around nurses’ operational needs. SmartWard, an Australian SME (small medium enterprise) has developed such a system. Our study examines the feasibility of this intelligent care support tool to assist nursing care at Epworth. It will be tested in a simulated environment, thereby also enabling the development of protocols for testing IT solutions in the SIM Centre.</td>
<td>2013 ongoing Data collection</td>
</tr>
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<td>SIBR: Interprofessional ward rounds in general medicine</td>
<td>Redley, B., Stockman, K., Campbell, D., Barnes, S., Bennett, P.</td>
<td>Southern Health</td>
<td>$10,000 QPS $10,000 Southern Health (2012-2013)</td>
<td>The purpose of this project is to pilot test a multidimensional evaluation framework for research and evaluation of SIBR in acute hospital inpatient wards (acute General Medicine) at Monash Medical Centre. The outcomes will inform future implementation of SIBR and support opportunities for collaborative multi-site research with national and international partners.</td>
<td>2012 ongoing Publications in progress</td>
</tr>
<tr>
<td>23. Falls prevention in rehabilitation</td>
<td>Shkutatova, N., Redley, B., Botti, M., Blatsin, E. (Hons) and McGuigan, S.</td>
<td>Epworth, Brighton</td>
<td>(2012-13)</td>
<td>To assist the evaluation of the 12 month outcomes of a multidisciplinary falls and fractures prevention intervention program developed for the rehabilitation setting.</td>
<td>2012 ongoing Data collection</td>
</tr>
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<td>24. SmartWard 1: Evaluating the development and implementation of smart technology: a novel CDSS.</td>
<td>Kent, B., Botti, M., Redley, B., Nguyen, L., and Taylor, N.</td>
<td>Eastern Health, Epworth HealthCare, Box Hill Institute, Deakin University</td>
<td>$280,000 funded by SmartWard (2012-13)</td>
<td>A collaboration between the developers of the SmartWard system and research academics to inform the development acceptability and feasibility of the CDSS within the acute practice setting.</td>
<td>2012 ongoing Publications in progress</td>
</tr>
<tr>
<td>25. Have you SCANND MMe? to minimise harms of hospitalisation in older emergency medical admissions to acute hospitals</td>
<td>Redley, B., Botti, M., Howe, D., Baker, T., Grinton, S. (Hons) and McGrath, M. (Hons)</td>
<td>Epworth Healthcare, Southern Health, South West Healthcare, Warrnambool, St John of God Healthcare, Warrnambool</td>
<td>$32,536 funded by Quality and Patients Safety Strategic Research Centre Grant, Deakin University (2012-13)</td>
<td>To evaluate the strategies used to mitigate preventable harms during acute hospitalisation of older emergency medical patients in both public and private health services. This research will inform future study to assist clinicians deliver safe, high quality acute hospital care for the older person.</td>
<td>2012 ongoing Publications in progress</td>
</tr>
<tr>
<td>27. 6-Pack falls prevention project.</td>
<td>Barker, A., Evans, S., Brand, C., D. Jolley, D., Botti, M., Zavaresk, B., deZote, K., Brauer, S., Cumming, B., Livingstone, T., Sherrington, C., Oddy, J. &amp; Morello,</td>
<td>Multi-site Monash University, Deakin University</td>
<td>$1,170,000 funded by NHMRC (2010-2013)</td>
<td>To assess the effectiveness and sustainability of the SIX-PACK falls prevention program. The program is targeted and includes six nurse delivered falls prevention interventions</td>
<td>2010 ongoing Publications in progress</td>
</tr>
<tr>
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<td>29. Translation of evidence into pain management practices in acute care environments (MAPP)</td>
<td>Botti, M., Kent, B., Bucknall, T., Duke, M., Johnstone, M., Considine, J., De Steiger, R., Redley, B., Holcombe, M., Crowhurst, M., and Hunter, S.</td>
<td>Epworth HealthCare, Cabrini Health, Eastern Health</td>
<td>Australian Research Council Linkage Project $190,000: (2010-2012)</td>
<td>In partnership with clinicians, the aim is to develop, implement and evaluate an improved method of treating pain using a clinical decision support system based on best available evidence for managing postoperative pain.</td>
<td>2010 ongoing Data collection</td>
</tr>
<tr>
<td>30. Implementing handover quality improvement tools into post anaesthetic care units</td>
<td>Currey, J., Botti, M., Redley, B. and Lilbridge, N (Hons)</td>
<td>Epworth HealthCare, Cabrini Health, Alfred Health, Melbourne Health</td>
<td>Deakin University. Central Research Grants Scheme $20,000 (2009-2012)</td>
<td>The aim of this exploratory, descriptive study is to evaluate the adoption of an innovative, standardised process of clinical handover by multidisciplinary PACU clinicians and its impact on the way they communicate, delegate and accept responsibility for patient care.</td>
<td>2009 ongoing Publications in progress</td>
</tr>
<tr>
<td>31. Interprofessional clinical handover in the emergency department: Tools to evaluate handover quality</td>
<td>Redley, B., Botti, M., Bucknall, T., Johnstone, M.-J., Chan, T., Sultana, R. and Mc Ness, A.</td>
<td>Epworth HealthCare, Southern Health: Casey Hospital</td>
<td>Deakin University Central Research Grants Scheme $15,000</td>
<td>The aim of the exploratory project is to explore the processes of inter-professional clinical handover in the emergency department.</td>
<td>2009 ongoing Publications in progress</td>
</tr>
<tr>
<td>32. Patient outcomes after open and minimally invasive surgery for prostate cancer: A longitudinal comparative study</td>
<td>Botti, M., Beale, L., Crowe, H., Frydenberg, M., Costello, D., Moon, D. and “Patient Outcomes after Prostate Surgery investigators”</td>
<td>Deakin University, Epworth HealthCare, Cabrini Health</td>
<td>Prostate Cancer Foundation $191, 575: (2008-2012)</td>
<td>The aim of this project is to evaluate and compare patients' physiological, functional and psychosocial recovery after three forms of radical prostatectomy surgery during key transitions. This project is related to and an extension of # 32906 a pilot study ‘Patient outcomes after open and minimally invasive surgery for prostate cancer.’</td>
<td>2009 ongoing Analysis and reporting</td>
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RESEARCH STUDENTS

PhD

1. **Lenore Beddoes PhD (Candidate):** Evaluating the quality of 24-hour acute care delivery: Describing functional outcomes of older people using a model of best practice.  
   *APA Scholarship Deakin University*

2. **Sue Hunter, PhD (Candidate):** Patient communication of pain in acute care contexts.  
   *NHMRC Scholarship (2012) Deakin University*

3. **Cynthia Wensley, PhD (Candidate):** Translation of evidence into pain management practices in the postoperative cardiac surgery context.  
   *APA Scholarship. Deakin University*

4. **Jo McDonnell, PhD (Candidate):** Patient participation, patient satisfaction and patient experience.  
   *APA Scholarship. Deakin University*

5. **Lin Cen, PhD (Candidate):** Patient participation in symptom management in the Oncology context: a Chinese cohort study.  
   *International Student Program, Deakin University*

6. **Elizabeth Oldland, PhD (Candidate):** Operationalising consumers as partners in the national clinical safety standards – integration into speciality education  
   *Deakin University*

7. **Nantinit Sutthiruk, PhD (Candidate):** Antimicrobial Stewardship in Thailand  
   *International Student Program, Deakin University*

Completed

8. **Lauren McTier PhD:** Defining patient participation in treatment within cardiac surgery contexts.  
   *2014  
   *APA Scholarship Deakin University*

Master of Nursing

2013

1. **Margaret Hjorth:** Best practices for nursing care of inpatient radiotherapy patients

2. **Alanna Keating:** A nursing assessment tool to detect early DVT in postoperative surgical patients

3. **Sally Morrison:** Systematic review of role of the nurse/nurse manager in antimicrobial stewardship in the private sector

Completed

4. **Giselle Ciavarella:** Psychosocial Care of Cancer Patients: Nurses’ Perceived Importance and Skill.  
   *2014*
5. **Tessa Groen**: Organisational Climate, Shift Work and Nurse Health. 2013
6. **Michael Graan**: AICU-to-ward handover study. 2014

**Clinical Honours**

2014

1. **Leigh McNichol**: Patient experiences of bedside technology for nursing care.
2. **Eirene Blatis**: Tool for falls risk assessment in rehabilitation.
3. **Annika Zinkel**: Cardiologists preference for prescribing pre-procedural analgesia and sedation for interventional cardiology procedures

2013

4. **Julia Trappett**: Patient participation in postoperative pain management.
5. **Michele McGrath**: Application of clinical Microsystems to improve older person care in acute hospital.
7. **Stephanie Grinton**: Assessment to avoid harms of hospitalisation for the older person in acute care: cognitive assessment.
8. **Jessica Heenan**: A tool to audit the quality of nursing documentation.
9. **Tracey Douglass**: Parental needs with a child with intellectual disability.

2011

10. **Linda Rhodes**: Factors that patients consider when attributing a number to their pain intensity after total knee joint replacement surgery

**Completed**

11. **Kimberley Coleman**: Implementing handover quality improvement tools into Post Anaesthetic Care Units. 2014
12. **Nikki Lillibridge**: Implementing handover quality improvement tools into Post Anaesthetic Care Units. 2014
13. **Megan O’Riley**: Translation of evidence into pain management practices in acute care environments. 2013
RESEARCH HIGHLIGHTS

Patient Outcomes after Open and Minimally Invasive Surgery for Prostate Cancer: Longitudinal Study

In Australia, prostate cancer is the most commonly diagnosed cancer in males and the second most common cause of cancer deaths in men. The treatment for localised prostate cancer is most often prostatectomy surgery. Prostatectomy surgery includes traditional open radical prostatectomy and minimally invasive surgery including robotic-assisted prostatectomy surgery. The physiological, functional, psychosocial and cognitive outcomes associated with the long term trajectory of recovery have not been investigated adequately, nor has there been a prospective, comparative evaluation of the outcome associated with different surgical modalities. This longitudinal, comparative study examines patient outcomes after open and minimally invasive surgery for localised prostate cancer.

A unique collaborative research team consisting of surgeons, academics and specialist urology nurses was established to undertake this study funded by a three year grant from the Prostate Cancer Foundation of Australia. This research is significant because little is known of the trajectory of patient recovery after prostatectomy surgery within the setting of an ageing Australia and advances in technology. The findings will address gaps in research, inform patients about their long term recovery, and provide evidence for optimal care of patients who undergo prostatectomy for localised cancer irrespective of the surgical modality.

Reducing Carer Burden and Depression among Caregivers of Cancer Patients

Family or friend caregivers of cancer patients provide extended and unrecognised support to hundreds of thousands of Australians each year. Up to 70% of caregivers of cancer patients report depression and one-third report excessive burden. We have developed clear mechanisms by which the highly successful Cancer Council Victoria’s Cancer Helpline can potentially reduce carer burden and the psychosocial impact of caring. The aim of the study is to reduce caregiver burden and depression with improvements in health service navigation, health literacy and quality of life, underpinned by a formal economic evaluation to assess the cost-effectiveness of the intervention program.

The design of the study is a single, blind, multi-centred randomised controlled trial to determine the efficacy and cost-effectiveness of the intervention for caregivers of people who are receiving chemo or radio therapy for newly diagnosed cancer. Caregivers are referred to the Cancer Helpline from 4
Victorian health services (Epworth HealthCare, Eastern and Barwon Health and Peter MacCallum Cancer Centre-Box Hill). A Helpline nurse telephones caregivers three times during the treatment cycle and addresses: psychological distress; health literacy; general health; family support; financial impact and provides practical advice. The Cancer Helpline nurse also assesses carer distress with referrals back to their General Practitioner for psychological follow up.

Translation of evidence into pain management practices in acute care environments

A major focus of the drive to improve the quality and safety of health care is to standardise care processes to ensure patients receive care based on best available evidence and do not experience variations in the quality of care. Management of post surgical pain is a care process known to be highly variable and inadequate. In Australia, over 40% of patients experience significant pain and hence, unnecessary suffering and increased associated risk. In partnership with clinicians, the aim is to develop, implement and evaluate an improved method of treating pain using a clinical decision support system based on best available evidence for managing postoperative pain. The method will be tested in three sites to assess external applicability.

Patient Participation in Healthcare

Patient participation is central to initiatives to increase the safety and quality of health care worldwide. Little is known about the key determinants for the success of patient participation, in particular, the effect of patient-related factors such as patients’ preference for participation and context-related factors associated with the culture of care, policies and legislation relating to patient participation. This study has been designed to extend the knowledge gained from doctoral work. The aim of this pilot study is to collect baseline, cohort data of the patient and context influences on patient participation in symptom management in acute cancer care environments. Data will be collected in Australia, China and Thailand. The data obtained from this pilot study will be used as the foundation for future exploratory and intervention research.

Evaluation of the acceptability and fidelity of an electronic Clinical Decision Support and Documentation System

This research program is focused on trying to understand the general lack of success, in terms of uptake and effectiveness, of clinical decision support and documentation systems in acute care environments and through this research develop more effective approaches to design and implementation.
A sequence of studies has been undertaken through a long-term research collaboration between Deakin University and SmartWard™. Structured engagement with potential users (clinicians, administrators and quality and safety personnel) and ongoing research has underpinned a 2 year design process that has incorporated the investigation of the acceptability of a decision support and documentation solution (SmartWard™), preclinical evaluation of the usability of the solution, and a hospital environmental study to investigate the fidelity of the new system to the process and function of care in real work contexts.
PUBLICATIONS

Accepted


2014


2013


BOOKS & CHAPTERS


CONFERENCE AND POSTER PRESENTATIONS

Accepted

   Health Informatics Conference, Melbourne, Australia (20 min Oral Presentation)

   Nursing Informatics Australia Conference, Melbourne, Australia (Oral Presentation)

   15th Asia-Pacific Prostate Cancer Conference, Melbourne, Australia (Poster Presentation).


   30th International Society for Quality in Health Care (ISQUA) Conference, Rio de Janerio, Brazil (Poster Presentation)

   Australian Nurses and Midwives Conference, Melbourne Australia (Poster Presentation).


   30th International Society for Quality in Health Care (ISQUA) Conference, Rio de Janerio, Brazil (15 minute Oral Presentation)

   30th International Society for Quality in Health Care (ISQUA) Conference, Rio de Janerio, Brazil (5 minute Oral Presentation)

10. Redley, B. (October 2014). Have you SCAND Mme please? to prevent harm in older emergency medical admissions to acute hospitals. 
    30th International Society for Quality in Health Care (ISQUA) Conference, Rio de Janerio, Brazil (Poster Presentation)

2014

    fidelity and usability of an intelligent clinical support tool (ICST) for acute hospital care. 
    Epworth HealthCare Research Week, Melbourne, Australia (Poster Presentation)


**2013**


19. **Hunter, S.E., Botti, M., Bucknall, T., and Rhodes, L.** (October 2013): Communication of Acute postoperative pain (CAPP study) - Phase 1: patients’ description of the dimensions of pain after knee replacement. *8th Congress of the European Federation of IASP® Chapters, Florence Italy.* (Poster Presentation)


21. **Lillibridge, N., Redley B., Lethbridge, G. and Williams, D.** (20-22 October 2013): Identifying Patient Outcomes Useful to Measure the Quality of Inter-Professional Handover in the Post Anaesthetic Care Unit (PACU). *Australian Nursing and Midwifery Conference, Newcastle, Australia.* (Oral Presentation)


AWARDS AND PRIZES


Best of the Best, Study Award Livingston, P.M., Craike, M., Salmon, J., Courneya, K., Gaskin, C., Fraser, S., Mohabi, M., Botti, M., Broadbent, S., Kent, B. (2014). Effects of a clinician referral and exercise program for men who have completed active treatment for prostate cancer: a multicentre cluster randomized controlled trial [ENGAGE]. ANZUP Cancer Trials Group, Melbourne, Australia

Best National PhD Research Paper for 2013. McDonall, J. Patient participation in post-operative pain management: improving the patient experience. School of Nursing and Midwifery, Deakin University, Melbourne, Australia

Best International PhD Research paper for 2013. Wensley, C. Translation of evidence into pain management practices in the postoperative cardiac surgery context. School of Nursing and Midwifery, Deakin University, Melbourne, Australia

ANMF Research Grant 2013. McDonall, J. - Sole Recipient. Australian Nursing and Midwifery Federation (VIC Branch)

EXTERNAL PROFILE

Professor Mari Botti was invited to be a panellist in an external institutional academic accreditation review of the University of Dammam in the Kingdom of Saudi Arabia. (February, 2014).

Professor Mari Botti was invited by the Faculty of Nursing, Mahidol University, Bangkok, Thailand as a Visiting Scholar to give lectures on the integration of research, education and nursing practice, assist faculty members with advanced manuscripts for publication and present a seminar on research methodology for doctoral students. (June, 2013).

Associate Professor Bernice Redley was invited to join Victorian Geriatric Medicine Training Program Advisory Committee. (December, 2013)

Associate Professor Bernice Redley was invited to the University of Plymouth, UK to establish research collaboration (October, 2013)
**COMMITTEES**

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Committee/Meeting</th>
<th>Frequency</th>
<th>Representative</th>
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<tr>
<td><strong>Deakin University</strong></td>
<td>HREC (Chair)</td>
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<td><strong>School of Nursing and Midwifery</strong></td>
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<td><strong>Alfred</strong></td>
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<td><strong>Epworth</strong></td>
<td>HREC</td>
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<td>HREC (Low risk) Subcommittee (Chair)</td>
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<td>Clinical Audit Committee</td>
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<td>Teaching Hospital Steering Committee</td>
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<td>Senior Nursing Advisory Council, SNAC</td>
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<td><strong>Department of Health</strong></td>
<td>Clinical Leadership for Older Person Care</td>
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<td><strong>Deakin/Epworth</strong></td>
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<td>JBI Emergency Trauma Expert Reference Group</td>
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<td><strong>Cancer Nursing Society Australia</strong></td>
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