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Foreword

I proudly present the second Monash Health Nursing and Midwifery Research Report. This report showcases research achievements of nurses and midwives at Monash Health from July 2013 to December 2014.

Monash Health’s Strategic Plan 2013-2018 puts our patients at the forefront of all that we do and articulates our drive for innovation and strategic partnerships to promote outstanding outcomes and sustainable healthcare. Nursing and midwifery research conducted at Monash Health is strongly aligned with the organisation’s Strategic Plan, with a focus on the quality and safety of patient care. Likewise, much of this work is closely aligned with the Australian Commission on Safety and Quality in Health Care Standards.

The scope and variety of nursing and midwifery research undertaken at Monash Health is testament to the broad knowledge and expertise of our researchers, with research extending across a variety of settings and specialties including, but not limited to, emergency nursing, midwifery, aged care, renal nursing, and acute care. Additionally, qualitative and quantitative research methodologies are used and include research designs spanning exploratory descriptive, observational and experimental research approaches.

We recognise the importance of the relationship between research, education and practice. As such we strive not only to promote the translation of research evidence into practice but also to educate and build the Monash Health nursing and midwifery workforce capacity to conduct research.

Our partnerships with Deakin University, Monash University and the Australian Catholic University have continued to help us leverage opportunities for funding and broaden our national and international research collaborations.

Finally, I would like to take this opportunity to thank Professor Rose Chapman and Associate Professor Paul Bennett, who have both recently left Monash Health, for their outstanding contribution to nursing research during their time here. They both inspired nurses to ask questions and supported the undertaking of rich, relevant nursing research, as you will see in this report.

Adjunct Professor Cheyne Chalmers
Chief Nursing and Midwifery Officer, Monash Health

Monash Health Strategic Plan 2013 - 2018

We put our patients first
We drive innovation
We partner strategically for outstanding outcomes
We Lead sustainable healthcare
The Partnership between Deakin University and Monash Health was established in May 2006. This partnership has resulted in the development of the Centre for Nursing Research - Deakin University and Monash Health Partnership, which is based at Monash Medical Centre, Clayton. Researchers within the Centre conduct research activities across all Monash Health sites.

**Vision**

To be nationally and internationally recognised as a centre of excellence in nursing research in the areas of quality, safety and risk management.

**Aim**

To conduct high quality research that informs clinical practice, policy development and education.

**Objectives**

- To conduct research in the areas of quality, safety and risk management with the aim of enhancing the independence and wellbeing of individuals in clinical and aged care settings.
- To encourage and support nurse clinicians to participate in research activities.
- To promote the integration of research findings into educational programs, health care policy and clinical practice.
- To develop and support research collaboration between Monash Health, Deakin University and other industry partners.

**Current research activities**

In promoting the nexus between research, education and practice, the themes of knowledge translation, person-centred care, decision making, and patient safety and risk management underpin the research conducted by the Centre. The program of research centres on four areas of nursing practice and development: symptom management, care of the older person, chronic disease and workforce development.
Professor Rose Chapman is the Professor of Emergency Nursing.

This collaborative research appointment between Monash Health and Australian Catholic University (ACU) commenced on 2 February 2012.

The focus of the first year of the appointment was to establish governance around nursing research in the emergency department and the development of the Mission, Vision and Objectives of the role and the establishment of the Steering Committee and Operational Group.

In addition to a full time Research Associate, Dr. Cathy Martin the Emergency Nursing Research Team (ENRT) was pleased to welcome a full time Research Fellow, Dr. Asheq Rahman.

The goal of the ENRT is to facilitate and conduct nursing-led, clinically-focused, patient outcome-oriented multi-disciplinary research in emergency care.

Researchers work with clinicians to identify research opportunities and develop and conduct studies. In addition, emergency nurses are supported and provided with the opportunity to participate in proposed and current projects in order to increase their knowledge, skills and confidence to conduct research.

The ENRT contributes to the research culture of Monash Health and ACU by working closely with emergency nurses across Monash Health’s three campuses to develop and maintain the Nurse Research Units (NRU).

These units provide an environment for emergency clinicians to gain knowledge and skills to critique best available evidence and identify opportunities to conduct research that will add new knowledge in the area of emergency nursing.

Professor Rose Chapman provides leadership in the area of nursing research and has participated on numerous working parties and committees with the aim of enhancing health and workplace experiences for all stakeholders.

Her areas of interest include all aspects of emergency care, best practice, aggression and violence, attitudes of health professionals toward Lesbian, Gay, Bisexual and Transgender (LGBT) parents and the experiences of LGBT parents seeking health care for their children.

Rose has been involved extensively in consultation with ongoing developments and innovations in relation to best practice within health care and government organisations.

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**Professor Rose Chapman**
RN MSc PhD

**Dr. Asheq Rahman**, Research Fellow
MBBS MSc MPH PhD

**Cathy Martin**, Research Associate
RN BSc (Hons) MBiostats
PhD candidate
Monash Women’s Midwifery Research

Monash Women’s Midwifery Research was established in February 2012, with the appointment to Monash Health of Professor of Midwifery/Co-Director of Maternity Services.

The research focus of “Improving and evaluating the health of mothers and babies” provides the overarching direction for the numerous research projects, randomised controlled trials, systematic reviews and clinical audits. Research Assistants facilitate project recruitment/management at Monash Health. Support for clinical midwifery projects is a key functional component of the research, along with collaborations with external groups and with colleagues from the Monash University School of Nursing and Midwifery.

Research focus

Improving and evaluating the health of mothers and babies.

Objectives

• To provide research leadership in the discipline of midwifery with the development of a national reputation for research excellence.

• To develop a research culture in Monash Women’s Maternity Services and Monash University School of Nursing and Midwifery.

• To establish a strong program of research capable of attracting external funding and being published in top tier journals.

• To engage with the research agenda of Monash Health, Nursing and Midwifery, and in particular, models of care.

The program of perinatal research encompasses numerous projects, randomised controlled trials, systematic reviews and clinical audits. Some of these projects have attracted competitive grant funding, for example, through the NHMRC and the Qatar Foundation.
Post graduate research students

► Afnan Albokhary PhD
Professor Christine East - Principal Supervisor, Monash University
WHO Ten steps to successful breastfeeding - progress, barriers and opportunities in Jeddah, Saudi Arabia.

► Jacqui Allen PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
Development of a person-centered transitional care model for older people.

► Wendi Bradshaw Masters
Associate Professor Paul Bennett - Principal Supervisor, Deakin University
Pre-emptive ultrafiltration in hemodialysis.

► Vanessa Brotto PhD
Professor Alison Hutchinson - Principal Supervisor, Deakin University
Using an audit with feedback knowledge translation intervention to promote safety and quality in health care.

► Shu-Wen Chen PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
Effectiveness of a decision aid on pregnant women’s decisions regarding mode of delivery.

► Rachel Cross Masters
Associate Professor Paul Bennett - Principal Supervisor, Deakin University
Single checking administration of medication.

► Emily Cull PhD
Professor Alison Hutchinson - Principal Supervisor, Deakin University
Delirium in the acute hospital setting.

► Ian Denny Masters
Professor Rose Chapman - Principal Supervisor, ACU
6 week placement on research methods at NRU.

► Jessica Guinane PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
Listen to me, I am really sick! Understanding patient and family perspectives in triggering responses to medical emergencies.

► Sarena Binti Haji Hashim PhD
Professor Christine East - Co-supervisor, University of Melbourne
Critical Pathways (CPs) for the management of pre-eclampsia in the healthcare settings: Assessing the feasibility for its implementation in Brunei Darussalam.

► Gethsy Jayaseelan Masters
Associate Professor Paul Bennett - Co-supervisor, Deakin University and Dr Helen Rawson - Co-supervisor, La Trobe University
Dialysis patient exercise benefits and barriers.

► Mary Holdsworth Masters
Dr Helen Rawson - Co-supervisor, La Trobe University
An investigation into Registered Nurses’ decision making processes when transferring the aged care resident from a residential aged care home to hospital.

► Tasneem Islam PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
ICT and its impact on nursing practice and patient safety.

► Jacqui Moustakas Masters
Associate Professor Paul Bennett - Principal Supervisor, Deakin University
Perceptions of supportive care for people with chronic kidney disease.

► Elizabeth Oldland PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
Operationalising consumers as partners in the national clinical safety standards - Integration into specialty education.

► Rinchen Pelzang PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
Exploring patient safety issues and strategies for risk management in hospitals in Bhutan.

► Kinga Pemo PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
Bhutanese women and their perceptions and experiences of breastfeeding at 38 weeks.

► Vanessa Watkins PhD
Professor Alison Hutchinson - Principal Supervisor, Deakin University
Collaborative maternity care pathways.

► Kantaporn Yodchai PhD
Professor Alison Hutchinson - Associate Supervisor, Deakin University
How do Thai patients with end stage renal disease adapt to being dependent on Haemodialysis?

► Pauline Wong PhD
Dr Helen Rawson, Co-supervisor, La Trobe University
Families’ experiences of their interactions in an Australian intensive care unit.
Honorary researchers

► Bronwyn Beovich
School of Nursing and Midwifery,
Monash University
Aligned with Professor Christine East,
Monash Women’s Midwifery Research.

► Mary Anne Biro
School of Nursing and Midwifery,
Monash University
Aligned with Professor Christine East.
Monash Women’s Midwifery Research.

► Dr Omar Kamlin
Dept of Neonatology, Royal Women’s
Hospital, Melbourne
Aligned with Professor Christine East,
Monash Women’s Midwifery Research.

► Dr Tanya Longmore
Judith Lumley Centre, LaTrobe
University
Aligned with Professor Christine East.
Monash Women’s Midwifery Research.

► Dr George Mnatzaganian
Senior Research Fellow, Australian
Catholic University
Aligned with Professor Rose Chapman.
Emergency Nursing Research Team.

► Anita Moorhead
Judith Lumley Centre, LaTrobe
University
Aligned with Professor Christine East.
Monash Women’s Midwifery Research.

► Professor Bev O’Connell
University of Manitoba, Winnipeg,
Canada
Aligned with Professor Alison
Hutchinson, Centre for Nursing
Research - Deakin University and
Monash Health Partnership.

► Minnesha Yasmine
School of Nursing and Midwifery,
Monash University
Aligned with Professor Christine East.
Monash Women’s Midwifery Research.

Visiting researchers

► Attaya Amornprompakdee
Burapha University, Thailand

► Dr Wilhelmina Atos
Dean, College of Nursing, University of
the East Ramon Sagsaysay Memorial
Medical Centre, Philippines

► Dr Piyatida Junlapeeya
Boromrasonani
College of Nursing, Nakhom Lampang,
Ministry of Public Health, Thailand

► Dr Chencho Dorjee
Director of the Royal Institute of Health
Sciences (RIHS), Bhutan

► Patcharee Kladjompong
Chulalongkorn University, Thailand

► Matron Poh Gaik Koay
Ministry of Health, Malaysia

► Professor Lesley Page
Perinatal Society of Australia and New
Zealand, Geoffrey Thorburn Visiting
Professorship, Royal College of
Midwives, United Kingdom

► Assistant Professor Dr Chongjit
Saneha
Mahidol University, Medical Nursing
Department, Faculty of Nursing,
Bangkok, Thailand

► Dr Neyzang Wangmo
Dean, Research and External Linkages
(REL), of the Royal Institute of Health
Sciences (RIHS) Bhutan

Highlights

► 71 Nursing and midwifery research projects in progress
► 36 Publications
► 50 Conference presentations
► 20 Post graduate students
► 17 Honorary and visiting researchers
► 6 Awards and achievements
WHO Ten steps to successful breastfeeding - progress, barriers and opportunities in Jeddah, Saudi Arabia

Albokhary, A., East, C. E., & Biro, M. A.

This study seeks to explore the current status of breastfeeding policies and practices at two Jeddah hospitals. This study will assess the extent to which staff nurses and midwives are implementing each of the Ten Steps in their program at KAUH and MCH, and seek to identify the progress, barriers and opportunities for both hospitals.

Evaluation of the nurse endoscopist service

Au, C., Chalmers, C., Horne, N., Forrest, K., Ockerby, C., & Bennett, P. N.

Monash Health participated in a multi-site project to develop and evaluate the Nurse Endoscopist role. Monash Health successfully established a new model of care and a governance framework for this advanced practice role. The trainee undertook a 12 month training program and performed 255 colonoscopies with no complications reported. 80% of patients reported that overall they had a very good experience with the Nurse Endoscopist.

Mindfulness in pregnancy: RCT

Beattie, J., Hall, H., Biro, M. A., & East, C. E.

Many women experience stress and depression during pregnancy. This pilot randomised controlled trial examined the effectiveness of mindfulness training on women’s stress, depressed mood and present moment awareness. It has been conducted collaboratively between Casey Hospital and Monash University.

Decreasing cannulation extravasation pain using Arnica cream: A pilot study

Bennett, P. N., Goedemans, A., Liang, K., & Cottell, B.

The aim of this study was to explore the effect of Arnica cream on dialysis cannulation related extravasation. The research design was a quasi-experimental before and after study to inform a more rigorous controlled trial requiring larger multi-centre RCT. Eleven participants (6 Arnica, 5 Hirudoid) were enrolled reflecting the low rate of cannulation-related extravasation.

There were no statistically or clinically significant differences in pain score or bruising between the two groups. Further trials are recommended given the relative low cost and comparative effects of Arnica cream.

Laughter yoga in dialysis

Bennett, P. N., Ben-Moshe, R., Weinberg M., Parsons, T., Rawson, H., Neal, M., Gilbert, K., Ockerby C., & Hutchinson, A. M.

This study explored the psychological and physiological impact of Laughter Yoga for dialysis patients, and nurses perception of the intervention. There were non-significant increases in happiness, mood, and optimism and a decrease in stress. There was a reduction in intradialytic hypotension events but no change in lung function or blood pressure. All nurses agreed that Laughter Yoga had a positive impact on patients’ mood and they would recommend it to patients.

Home dialysis therapies e-learning (HDTEL)

Bennett, P. N., Sinclair, P., Schoch, M., Kerr, P., Holt, S., & Jaeschke, S.

A web-based education package was developed for health professionals to increase knowledge and positive perceptions of home-based dialysis. A pre-post survey of undergraduate health professionals indicated clear deficits in existing knowledge. In particular, almost half of the participants were unaware that haemodialysis could be performed at home (22% “definitely no” and 24% “probably no”). Post-intervention survey responses indicated significant improvements (p< 0.001) in eight of the nine items.

Exercise physiologists improving the physical function of people on dialysis: A step-wedge cluster randomised controlled trial

Bennett, P. N., Kent, B., Daly, R., Fraser, S., Haines, T., & Barnard, B.

Hospital and community dialysis clinics are managed and staffed by dialysis nurses but, these nurses do not have the expertise to provide exercise regimens. Thus qualified exercise professionals (i.e., exercise physiologists) are needed to implement safe and effective exercise programs.

This step-wedge cluster randomised controlled trial at 15 haemodialysis clinics is the first of its kind to test the effect of an intradialytic resistance exercise program developed by exercise physiologists for dialysis patients. The intervention commenced in November 2013.

Dandenong Hospital safety climate survey

Bennett, P. N., Ockerby, C., Stinson, J., & Willcocks, K.

Patient safety is fundamental to the provision of quality healthcare. The Victorian Safety Climate Survey (SCS) was used to measure staff perceptions of the safety culture at Dandenong Hospital. Falls prevention was of particular interest at Dandenong Hospital, so five additional questions were included that focused on this issue. All staff at Dandenong Hospital, including nursing, medical, allied health, administrative, and support services staff, were invited to complete the SCS. Data (n = 458) for the six SCS domains compared favorably with Victorian data. The falls prevention items were correlated with the original items from which they were derived but responses regarding falls prevention tended to be less positive than patient safety more broadly. Findings from this survey provide a snapshot of the current safety climate at Dandenong Hospital and provide a benchmark against which future data can be compared.

Subjective wellbeing of people with chronic kidney disease

Bennett, P. N., Weinberg, M., & Cummins, B.

People suffering chronic kidney disease frequently report lower quality of life scores. Quality of life in this group has been poorly measured because traditional measures fail to make a distinction between the objective and subjective dimensions of life quality. The Personal Wellbeing Index has been developed to measure the subjective dimension of quality of life referred to as “subjective wellbeing”. Compared with the general population, the haemodialysis cohort reported lower general life satisfaction, life achievements, relationship and personal safety. Standard of living and satisfaction with life achievements carried higher importance to subjective wellbeing compared to health satisfaction.
Midwifery management of obese pregnant women: Survey
Biro, M. A., Cant, R., Hall, H., Bailey, C., Sinni, S., & East, C.E.
A cross-sectional survey of midwives was conducted using an on-line survey distributed to members of the Australian College of Midwives. Midwives were asked about: the extent to which they provided evidence-based care; their use of a clinical guideline; their education and training and confidence to counsel obese pregnant women.

Birth outcomes by place of birth: Clinical audit
Biro, M. A., Wallace, E., Knight, M., Papacostas, K., & East, C. E.
A cross-sectional study utilised data on births to low-risk first-time mothers during 2010-2011. Data were obtained from the Birthing Outcome System (BOS) database of Monash Health. In this group of low-risk nulliparae there was evidence of a significant association between place of birth and caesarean section. The lower the acuity of the hospital, the higher the odds for caesarean section.

Adaptation of the fluid watchers’ program for people with chronic kidney disease receiving haemodialysis
Bonner, A., Clark, R., Healy, H., Hamernik, E., & Bennett, P. N.
Significant increase in self care heart failure scores following program. Suitable for incorporation into haemodialysis.

Health literacy for chronic kidney disease self-management
Pilot data collected to justify further ARC submission to improve our understanding of health literacy in chronic disease.

Perinatal mental health, including screening in refugee populations
Boyle, J., Gibson-Helm, M., East, C. E., McBride, J., Block, A., Melvin, G., Teede, H., Hight, N., & Rowe, H.
The importance of screening of and referral for perinatal mental health issues is well recognised, as pregnancy can be the first time that such concerns are noted, or are exacerbated. This is particularly so in the refugee population. A series of projects considers psychosocial factors associated with perinatal mental health and how targeted or routine screening can be initiated, with adequate referral pathways.

Engaging patients in communication at transitions of care
This project will undertake a review of literature about engaging patients in communication at transitions of care.

Listen to me, I am really sick! Understanding patient and family perspectives in triggering responses to medical emergencies
Bucknall, T. K., & Hutchinson, A. M.
This study is designed to investigate the role and influence of patients and relatives in triggering responses from health professionals to critical patient deterioration in hospital; and to identify communication strategies that may decrease preventable serious adverse events (SAEs).

Raised umbilical cord blood lactates in vigorous infants: Clinical audit
Carr, B. L., & East, C. E.
Uncertainty exists about the significance and follow-up required when a vigorous healthy newborn baby has an elevated lactate value on cord blood testing. This audit demonstrated that lactate could remain elevated for a number of hours in a small proportion of babies, with some requiring special care. Prospective audit protocol in preparation.

Missed nursing care can contribute to nurse and patient adverse events
Chapman, R., Martin, C., Rahman, A., Chalmers, C., & Courtney, M.
This descriptive exploratory study aims to investigate missed care and teamwork in a mandatory nurse-patient environment. Missed Care and Team Work surveys will be distributed to 400 nurses working within Monash Health. The characteristics of nurses will be determined and compared across nursing specialties. Missed care will be characterised by mean ± standard deviation. Each specialty of nursing will have the level of missed care determined. As response rates will probably vary between wards/units, weighted analysis will be required to determine missed level of care in each nursing specialty. Missed care for each nursing specialty will be compared using t-test. Missed care has been universally used as an indicator of the quality of nursing care and as such the findings from this study will provide administrators, educators and clinicians with information to develop practices and policies to improve patient care.

In addition, the study may provide evidence of the ameliorating effect of set nurse patient ratios on team work and missed care.

Violent and aggressive incidents frequently occur in emergency departments and emergency nurses are on the front line of these events
Chapman, R., Martin, C., Rahman, A., McKenna, B., & Barnfield, J.
The aim of this mixed-method study is to explore the perceptions of nurses about the use of hold and control restraint in the emergency department and identify the reasons why this restraint is initiated and the consequences for patients and staff. The information gained from this study will enable organizations to develop, implement and evaluate policies to ensure the safety of all stakeholders during the use of manual or holding restraint.

Fetal movement detection
Colditz, P. B., East, C. E., Khilf, M., & Boashash, B.
Standard clinical fetal monitoring technologies include ultrasound imaging and cardiotocography. Both have limited prognostic value and require significant health resources. We have developed a low-cost, passive, non-invasive system to monitor fetal activity, and therefore fetal health. We are developing a method to automatically detect fetal movement using this new accelerometer system.

Ethnicity and severe perineal trauma: Clinical audit
Davies-Tuck, M., Biro, M. A., East, C. E., Stewart, L., Mockler, J. C., & Wallace, E.
It is unclear why maternal ethnicity has emerged as a risk factor for perineal trauma. We examined trends in perineal trauma between 2001-12 at Monash Women’s, exploring associations with maternal country of birth and other known risk factors for perineal injury.

What are the health literacy levels of heart failure patients participating in a heart failure service?
Driscoll, A., Beauchamp, A., Osborne, R., & Gascard, D.
Health literacy is the ability to seek, understand and use health information. While regarded as a determinant of health and health inequalities, its measurement has been poor. There have been no Australian studies investigating the health literacy of patients diagnosed with heart failure.
Across two Victorian organisations who provide heart failure programs we will apply new measures of health literacy and undertake grounded consultations with consumers and heart failure nurses. We will provide information about the health literacy needs of patients and perceived health literacy priorities from patients and heart failure nurses.

► Improving and evaluating the health of mothers and babies
East, C. E.

This title provides an overarching theme for research through Monash Midwifery and is supported by an NHMRC Career Development Fellowship.

► Fetal pulse oximetry for fetal assessment in labour: Cochrane systematic review
East, C. E., Begg, L., Colditz, P. B., & Lau R.

This systematic review compared the effectiveness and safety of fetal pulse oximetry with other surveillance techniques. It followed the rigorous methods of the Cochrane Pregnancy and Childbirth Group.

► Fetal lactate measurement to reduce caesarean sections during labour: A randomised trial (FLAMINGO)
East, C. E., Brennecke, S. P., Davey, M-A., & Kamlin, O. C.

Caesarean section rates in Australia are well above the World Health Organization’s recommended levels. Many babies appear unhealthy in labour, so they are born by caesarean. They are usually healthy at birth, meaning that the operation could have been avoided. In this study, half the babies who seem distressed will have a blood test for lactate and the other half will not. We will then determine whether having a lactate test makes a difference in the number women having caesarean births.

► Fetal lactate measurement in labour: Clinical audit
East, C. E., & Carr, B.

In this clinical audit we reviewed the heart rate recordings of all babies born through the Birth Suites of Monash Health over a designated period, where access to lactate testing was available, to determine how many babies could have met criteria for lactate testing, how many actually had the test, and outcomes from those who did and did not have it. This information will help inform how applicable the results of the ongoing trial are.

► Antenatal breast milk expression and storage in women with diabetes: Systematic review
East, C. E., Dolan, W. J., & Forster, D. A.

There is a trend in clinical practice of encouraging women with diabetes in pregnancy to express and store colostrum prior to birthing. Following birth, the breastfed infant may be given the stored colostrum to minimise the use of artificial formula or intravenous fluid administration if correction of hypoglycaemia is required. However, findings from observational studies suggest that antenatal breast milk expression may stimulate labour prematurely and increase admissions to special care nurseries for correction of neonatal hypoglycaemia. This systematic review aims to evaluate the benefits and harms of the expression and storage of breast milk during pregnancy by women with diabetes.

► Perineal management during labour and birth: Survey
East, C. E., Lau, R., & Biro, M. A.

We conducted an anonymous cross-sectional survey of medical and midwifery staff attending births at one or more of the three Monash Women’s maternity hospitals to identify the perceptions of clinical staff regarding their educational preparation and practices used for perineal management during the second stage of labour.

► Monash Women’s Maternity Services new service directions: Principle-based care - implementation and evaluation

The Monash Women’s New Maternity Service Direction was launched in 2012, after extensive consumer and clinician engagement, consultation and planning, with a vision to operate as a single maternity service across Clayton, Dandenong and Casey hospitals, provide high quality, women-focussed and equitable services, within collaborative, multidisciplinary teams working across the pregnancy, birth and postnatal continuum.

► Think before you cannulate
Egerton-Warburton, D., Watson, M., Stirling, C., & Chapman, R.

Findings from this study will provide clinicians with new information to make informed decisions regarding the insertion of peripheral intravenous catheters within the emergency department. Leading to the reduction in pain and discomfort experienced by patients and the costs associated with cannulation and hospital acquired infections.

► Laugh out loud (LOL): Laughter therapy in residential aged care homes
Ellis, J., & Rawson, H.

This study involves residents in aged care homes participating in breathing, clapping, smiling and laughter exercises in a group setting to encourage psychological and emotional wellbeing, as well as engagement with staff and other residents.

► My baby’s movements: A stepped wedged cluster randomised trial of maternal awareness and reporting of decreased fetal movements to reduce stillbirth
Flenady, V., Gardener, G., Middleton, P., Coory, M., Ellwood, D., Crowther, C., East, C. E., Calander, E., Norman, J., & Boyle, F.

For many pregnant women, the movements made by their unborn baby provide a key to the baby’s well being. A change in movement patterns may be a warning sign. In this multicenter collaborative randomised trial, women are reminded to think about their babies’ movements, through the use of smartphone technology.
Diabetes expressing (DAME) trial: RCT

Diabetes in pregnancy is increasing, with infants of women with diabetes at increased risk of fetal and neonatal morbidities, and of developing diabetes. This trial is testing the efficacy and safety of antenatal milk expressing in women with diabetes in pregnancy. It will test a primary hypothesis that infants of women with diabetes in pregnancy who commence antenatal expressing of colostrum from 36 weeks gestation will be more likely to be admitted to the SGN/NICU after birth compared with infants of women with diabetes in pregnancy who receive standard care. It will also test whether antenatal expressing increases the proportion of infants receiving exclusive breast milk during the hospital stay after the birth and at three months of age, and whether it decreases duration of pregnancy.

Ringing up about breastfeeding (Ruby): RCT

This collaborative randomised controlled trial compares breastfeeding success for women who receive support from another woman who has breastfed, compared to not receiving this support.

Pilot descriptive study: The presence of pressure injury in patients admitted to the emergency department via ambulance
Fullbrook, P., Chapman, R., McInnes, L., Miles, S., & Kinnear, F.

The goal of this study is to estimate the prevalence of pressure injury present on admission of a sample study population in two emergency departments. A random sample of patients will be surveyed during peak ED hours. The findings of this study will enable us to establish a baseline estimate of the number of patients who present at ED with any stage of PI, in order to determine how significant this is for hospitals in terms of risk assessment, implementing early PI prevention strategies and funding penalties. It is anticipated that the study will show that the number and prevalence of PI present on admission to the emergency department is under-recognised and under-reported, potentially resulting in poorer patient outcomes and penalty funding for hospitals if PI are later classified as hospital-acquired.

Birth outcomes of women from humanitarian source countries and NSC: Clinical audit
Gibson, M., East, C. E., Wallace, E., & Teede, H.

Migration is associated with increased risks of adverse pregnancy outcomes. However, it is unclear whether the risks differ between migrants of refugee and non-refugee background. We conducted a retrospective, observational study of migrant women born in non-humanitarian and humanitarian source countries (HSC) having a singleton birth at Monash Health in 2002-2011. This aimed to describe maternal health, pregnancy care attendance, and pregnancy outcomes among women of refugee background compared to non-refugee migrant women.

right@home: RCT
Goldfield, S., Price, A., Mensah, F., & Monash Collaborator, East, C. E.

This multicentre randomised controlled trial seeks to determine whether a national, sustained, nurse home visiting program, offered to vulnerable Australian mothers from the antenatal period to child age 2 years, improve parenting and the home environment at child age 2 years.

PICHFORK study
Graudins, A., Seith, R., Meek, R., Egerton-Warburton, D., Furness, T., & Chapman, R.

A positive result in this study may result in considering the addition of ketamine as an alternative analgesic to IV opioids in children with moderate to severe pain in the ED setting.

Risk stratification in early pregnancy for women at increased risk of gestational diabetes
Harrison, C. L., Lombard, C. B., East, C. E., Boyle, J., & Teede, H. J.

A collaborative project found that the addition of fasting glucose level in early pregnancy, improved the sensitivity of a validated Monash Health gestational diabetes risk predictor tool. The potential impact of this finding is improved early identification of and effective intervention for gestational diabetes.

Reasons for referral from residential aged care facilities to hospital emergency departments
Hawkins, M., O’Connell, B., Considine, J., & Au, C.

The aim was to explore the reasons people living in residential aged care facilities (RACF) present to emergency departments (ED). Data for all emergency admissions from RAC to Monash Health EDs over a two year period were analysed. In addition, interviews were conducted with nursing staff from RACFs and EDs. Major themes identified in the interviews were related to staff competency, availability of general practitioners, lack of equipment in RACFs, residents and family members requesting referrals, communication difficulties, and poor attitudes towards RACF staff. There is a need to use strategies to detect residents whose conditions are deteriorating and treat them promptly in RACFs.

Gauze vs. Mepilex Border for peripherally inserted central catheter (PICC) cushioning: A pilot study
Heywood, E., Marshall, L., Curtis, K., Ritchie, C., Spence, L., Bennett, P. N., & Ockerby, C.

This pilot study compared twenty patients with PICC dressing incorporating gauze with 20 patients incorporating Mepilex Border. This study determined the feasibility of Mepilex Border in providing a cushioning barrier for the PICC line to rest on.

Using an audit with feedback knowledge translation intervention to promote safety and quality in health care
Hutchinson, A. M., Bucknall, T. K., & Sales, A. E.

The broad aim of this study is to refine and test a knowledge translation intervention, namely audit with feedback, to promote reporting of errors and incidents in the acute care setting.

Observational study of symptom management in palliative care practice
Hutchinson, A. M., Bucknall, T. K., & Walker, H.

The purpose of this project is to analyse the decision making of clinical nurses during symptom assessment and management to uncover connections between actual practice and documented practice.
Lung recruitment manoeuvres for reducing respiratory morbidity in mechanically ventilated neonates: Systematic review
Jauncey-Cooke, J., Bogossian, F., Hough, J. L., Schibler, A., Davies, M. W., Grant, C. A., Gibbons, K., & East, C. E.
This systematic review aims to: (1) determine the evidence supporting the use of recruitment manoeuvres in mechanically ventilated neonates and identify the optimal method of lung recruitment; and (2) determine the effects of lung recruitment manoeuvres in neonates receiving ventilatory support on neonatal mortality and development of chronic lung disease when compared to no recruitment.

Paediatric lung recruitment: RCT
Jauncey-Cooke, J., Bogossian, F., Schibler, A., & East, C. E.
This crossover randomised trial aimed to establish the impact of two different lung recruitment manoeuvres on oxygenation, oxygen delivery and haemodynamic status in neonates and children.

Lung recruitment measures in mechanically ventilated children for reducing respiratory morbidity: A systematic review
Bogossian, F., Gibbons, K., Grant, C. A., & East, C. E.
This systematic review aims to: (1) determine the evidence supporting the use of recruitment manoeuvres in mechanically ventilated children and identify the optimal method of lung recruitment; and (2) ascertain the impact of recruitment manoeuvres on oxygenation, dynamic lung compliance, cytokine release, end expiratory lung volume, length of ventilation, length of stay and mortality.

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
Johnstone, M.-J., Hutchinson, A. M., & Redley, B.
This naturalistic inquiry has as its focus 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.

The patient experience of rehabilitation aged care services: The untold story
Keenan, C., & Bennett, P. N.
Nurses often base their care on what patients reveal about their experiences, concerns and needs to best incorporate patient experience with care. However, there is limited research exploring the experience of the older patient undergoing rehabilitation care. The aim of this study was to explore the patient care experience of the person undergoing rehabilitation care in order to inform clinical service strategies and initiatives. Data from patient interviews identified three overarching themes: collaborative relationships, hospital environment, and home life.

Support during pregnancy for women at increased risk of low birth weight babies: Cochrane systematic review
Lau, R., East, C.E., & Fredericks, S.
Low birth weight babies are at increased risk of poor outcomes during pregnancy, infancy and throughout life. This systematic review of randomised controlled trials compared the effectiveness of social support programs with no support, on the prevalence of low birth weight.

Comparison of Not for Resuscitation (NFR) orders across five Victorian health services
Levinson, M., Mills, A., Hutchinson, A. M., Heriot, G., Stephenson, G., & Gellie, A.
This was a multi-centred point of care and gold standard reference standard. One POC meter was more accurate that the other. It has now replaced the latter for clinical use.

Providing continuing education to Australian emergency nurses: A qualitative exploratory perspective
Moseby, T., & Chapman, R.
The findings from the project will be used to evaluate current educational programs and explore how education can be delivered to meet the needs of emergency department nurses to maintain an appropriate skill level in the most cost effective way.

Pre-eclampsia susceptibility genetics
Moses, E., Brennecke, S. P., & Blangero, J. (East, C. E. coordinator/collaborator)
Pre-eclampsia is a common and serious disorder of human pregnancy. There is currently no known prevention or cure for pre-eclampsia, other than bringing the pregnancy to an end. The precise cause of the condition is also unknown. However, there is good evidence that pre-eclampsia may have a genetic basis. The aim of this research project is to identify the specific genes responsible for susceptibility to pre-eclampsia and to understand how and why these genes cause the disease. NIH-funded.
The Tri-focal Model of Care: Teaching and Research Aged Care Services (TRACS)

O’Connell, B., Hutchinson, A. M., Bucknall, T., & Hawkins, M.

The aim of this study is to evaluate change in the quality of care and workforce environment associated with the implementation of the Tri-focal Model of Care in Victorian residential aged care facilities.

Tri-focal Model of Care: Advancing the teaching nursing home concept

O’Connell, B., Reside, M., Hawkins, M., Ostaszkiewicz, J., Lakhan, P., & Ockerby, C.

This project involves the implementation and evaluation of the Tri-focal Model of care at Chestnut Gardens residential aged care facility. This model is based on the concepts of ‘partnership-centered care’, ‘positive work environment’ and the need for ‘evidence-based practice’ to underpin all aspects of care. It aims to provide a rich learning environment that advances the teaching nursing home concept and the quality of residential aged care. A suite of user-friendly, evidence-based practice guides that address a range of contemporary aged care nursing topics have been developed for direct care staff, providing them with information on how to promote and maintain residents’ wellbeing and foster a healthy work environment. Once completed, it is anticipated that the resources will be available nationally.

Toileting assistance programs for the management of urinary incontinence in adults

Ostaszkiewicz, J., Eustice, S., Roe, B., Thomas, L. H., French, B., Islam, T., & O’Connell, B.

Although pragmatically, toileting assistance programs should reduce the prevent or minimise urinary incontinence in individuals who are otherwise unable to reach and use the toilet, prior research has drawn attention to a lack of toileting opportunities for many care-dependent individuals. This systematic review is being conducted to determine the effects of toileting assistance programs for urinary incontinence in adults.

Centre for Innovation and Education in Aged Care

O’Connell, B., & Forbes, H.

This project includes the development of a Centre for Innovation and Education in Aged Care. The aim of this centre is to educate and support residential aged care staff to deliver quality evidence-based care that meets Australian Accreditation Standards and improves the wellbeing of residents. It builds on the success of the Centre for Nursing Research - Deakin University and Monash Health’s Partnership Teaching Nursing Home project for the period 2007 - 2010.

Nursing management of behaviours of concern in residential aged care facilities

O’Connell, B., Lakhan, P., Ostaszkiewicz, J., & Hawkins, M.

A number of behaviours of concern, such as physical aggression and disruptive vocalisation, may be displayed by residents in high care residential aged care facilities. The aims of this project are to obtain information on practices used by nurses and the challenges they experience in managing these behaviours. The project will identify the extent to which knowledge related to managing behaviours of concern is translated into practice and will make recommendations for changes in practice to enhance the quality of care provided to these residents.

Victorian Public Residential Aged Care Services (PSRACS) Workforce Census

Rawson, H., Chalmers, C., & Hutchinson, A. M.

Many health services have identified workforce issues as a significant challenge in residential aged care. This project will examine the current public sector residential aged care workforce profile across Victoria for the DOH.

Nursing management of older patients in the Emergency Department (NCOPED)

Rawson, H., Considine, J., Bennett, P. N., Hutchinson, A. M., & Chapman, R.

This study will explore how emergency nurses manage the care needs of older patients in the ED including identifying enablers and barriers that impact on managing care. Gaining an understanding of how emergency nurses are able to meet the multifaceted care needs of older patients in the ED will lead to developing ecologically valid strategies that can assist nurses in meeting the care needs of older patients.

Structured interdisciplinary bedside rounding (SIBR)

Redley, B., Bennett, P. N., Chalmers, C., & Au, C.

Structured Interdisciplinary Bedside Rounding (SIBR) is an innovative approach to interdisciplinary ward rounds to promote patient engagement and participation in care delivery and support timely, patient-centered interprofessional communication, problem solving and decision making. The purpose of this project is to pilot test a range of tools and methods proposed for a framework to monitor and evaluate SIBR in acute hospital inpatient settings. The evaluation framework will be tested with two General Medicine inpatient medical teams on two acute inpatient wards.

Postnatal bladder care practices: Clinical audit

Sawyer, K. A., Carr, B., Lorentzen, S., & East, C. E.

Established clinical practices can prompt questions as to why such practices are in place. This audit considered the effectiveness of routinely measuring voiding after having a baby. It found no evidence of improved detection of urine retention and, in consultation with relevant inter-professional groups and with standard practice elsewhere, the practice has been discontinued.
Postpartum haemorrhage by type of labour and oxytocic: Clinical audit
Stewart, L., Kendall, A., Knight, M., East, C. E., & Wallace, E. M.
The rate of postpartum haemorrhage (PPH: estimated blood loss > 500mL) following vaginal birth appears to be rising in Western countries. We explored possible explanations for this in our hospital. We used data derived from the electronic Birthing Outcome System to review the PPH rate among singleton vaginal births 2011-2012. In 2012, the recommended 3rd stage management for augmented or induced labours changed from 10IU intramuscular oxytocin to Syntometrine.

Gestational weight gain
Teede, H., East, C. E., Harrison, C., Lombard, C., & Boyle, J.
Maternal overweight and obesity prior to, during and following pregnancy is a serious and important health issue for women and health services. Several projects consider a range of issues, including midwives’ care of obese women, initiatives for weight management during pregnancy care and exploration of psychological issues experienced by obese pregnant women.

Diabetes in pregnancy: It’s impact on development of the fetal kidneys and urinary tract
Wallace, E. M., McEwan, L. et al (East, C. E., Carr, B. coordinating)
The development of the fetal kidneys occurs over weeks 5-36 of pregnancy. Previous research studies have shown that high levels of glucose - a form of sugar, in the maternal blood during pregnancy, can affect development of the fetal kidney, with some cases developing abnormalities of the kidney and urinary tract. This research project is being undertaken in order to further our knowledge of the effects of maternal blood glucose levels in pregnancy and specifically, high glucose levels, on fetal kidney development.

Can you laugh your way to happiness? Laughter yoga as a novel approach to helping people at risk for depression
Weinberg, M., Bennett, P. N., & Cummins, B.
Laughter yoga originated in India and uses a combination of contrived laughter and controlled breathing to improve mood and general wellbeing - or so it is claimed. Its actual clinical effectiveness however, has not been rigorously tested. In view of its purported and apparently dramatic effects on mood and quality of life, and the current difficulty that Western medicine has in stemming the tide of depression and anxiety in our communities, we propose to test its claims in both a clinical setting and a high-pressure workplace.

Fetal monitoring in low risk women: Clinical audit
White, C., Sheshian, T., Tarrant, M., Knight, M., & East, C. E.
A retrospective audit examined trends in the use of continuous fetal monitoring in labour and rates of caesarean section. Both have increased, while Apgar scores less than seven at five minutes have remained relatively consistent.

Refugee ascertainment project: Quality improvement project
Yelland, J., Riggs, E., & East, C. E.
This quality improvement initiative aimed to improve midwives’ and doctors’ ascertainment and subsequent management of women with a refugee background.
Research grants

The effects of mindfulness training on maternal stress, depressed mood and present moment awareness.
Beattie, J., Hall, H., Biro, M. A., & East, C. E.
Nurses’ Board of Victoria Legacy Limited, Mona Menzies Post Doctoral Research Grant 2014-2015
$50,000

Exercise physiologists improving the physical function of people on dialysis: A step-wedge cluster randomised controlled trial.
Bennett, P. N., Kent, B., Daly, R., Fraser, S., Haines, T., & Barnard, B.
Alfred Deakin Postdoctoral Research Fellowship Scheme 2013
$134,409.78

Home dialysis therapies e-Learning (HDTEL).
Bennett, P. N., Sinclair, P., Schoch, M., Kerr, P., Holt, S., & Jaeschke, S.
Victorian Department of Health 2012-2013
$171,890

Decreasing cannulation extravasation pain using Arnica cream: A pilot study.
Bennett, P. N., Goedemans, A., Liang, K., & Cottell, B.
Southern Health Grant 2012
$3,000

Subjective wellbeing of people with chronic kidney disease.
Bennett, P. N., Weinberg, P., & Cummins, B.
Quality Patent Safety Grant, Deakin University 2012 - 2013
$15,452

Adaptation of the fluid watchers’ program for people with chronic kidney disease receiving haemodialysis.
Bonacci, A., Clark, R., Healy, H., Hamernik, E., & Bennett, P. N.
RBWH Foundation 2013
$26,364

Health literacy for chronic kidney disease self-management.
Queensland Institute of Health and Biomedical Innovation Collaborative Research Development Grant Scheme 2013
$24,000

Centre for Quality and Patient Safety Research Partnership Grant. Deakin University 2014
$62,850

Review: Engaging patients in communication at transitions of care.
ACSQHC 2014
$219,186

Safe medication management in hospital settings.
Bucknall, T. K., Manias, E., Hutchinson, A. M., Weir-Phyllyard, J., Dooley, M., Fossum, M., Botti, M., Considine, J., Dunning, T., & Hutchinson, A.
Centre for Quality and Patient Safety Research Partnership Grant. Deakin University 2014
$62,265

Quantifying the risk of unplanned transfer from subacute to acute care: Using a horizon scan and prospective nested cohort study to develop a predictive model.
Considine, J., Botti, M., Hutchinson A. M., Bucknall, T. K., Dunning, T., Hutchinson, A., Street, M., & Rawson, H.
Centre for Quality and Patient Safety Research Partnership Grant 2014 - 2015
$55,968

Improving and evaluating the health of mothers and babies.
East, C. E.
NHMRC Career Development Fellowship. 2012 - 2015
$273,752

Fetal lactate measurement to reduce caesarean sections during labour: A randomized trial.
East, C. E., Brennecke, S. P., Davey, M-A., & Kamlin, C. O.
NHMRC Project Grant 2012-2016
$369,900

Consumer perspective group supervision - Nursing.
Edan, V., Barnfield, J., & Chapman, R.
Southern Health Research Seeding Grants Program 2012
$5,000

My baby’s movements: A stepped wedge cluster randomised trial of maternal awareness and reporting of decreased fetal movements to reduce stillbirth.
NHMRC Project Grant 2014 - 2018
$1,364,274

Understanding the influence of the Tri-Focal Model of Care on indicators of quality in residential aged care.
Centre for Quality and Patient Safety, Deakin University 2014
$30,680.10

Using an audit with feedback knowledge translation intervention to promote safety and quality in health care.
Hutchinson, A. M., Bucknall, T. K., & Sales, A. E.
ARC Linkage Grant 2012 - 2016
$188,386

Observational study of symptom management in palliative care practice.
Hutchinson, A. M., Bucknall, T. K., Walker, H., Wright, K., & Weeden, C. E.
Peter Meese Seeding Grant, Cabrini 2012
$10,000

The influence of organisational interventions on the quality of maternity care.
Hutchinson, A. M., Nagle, C., Kent, B., Bick, D., & Teale, G.
Deakin University Strategic Research Centre 2012
$32,085
NHMRC Satellite of Cochrane Review Groups (SCRGs).
Middleton, P., Neilson, J., Alfirevic, Z., Crowther, C., East, C. E., Dodd, J., Dudley, L., Gulmezoglu, M., Lavender, T., & Horey, D.
NHMRC 2013-2016
$180,000

Centre for Innovation and Education in Aged care.
O’Connell, B., & Forbes, H.
JO & JR Wicking Trust 2011-2015
$508,198

The Tri-focal Model of Care: Teaching and Research Aged Care Services (TRACS).
O’Connell, B., Hutchinson, A. M., Bucknall, T. K., & Hawkins, M.
Department of Health & Ageing Tender 2012-2014
$660,000

The patient experience of rehabilitation aged care services: The untold story
Keenan, C., & Bennett, P. N.
Lions John Cockayne Memorial Fellowship 2012-2013
$14,981

Nursing management of behaviours of concern in residential aged care facilities.
O’Connell, B., Lakhan, P., Ostaszkiewicz, J., & Hawkins, M.
Quality and Patient Safety Research Pilot Study Grant, Deakin University 2011-2012
$24,862

Victorian Public Sector Residential Aged Care Services (PSRACS) Workforce Census.
Rawson, H., Chalmers, C., & Hutchinson, A. M.
Department of Health 2014
$60,000

Understanding context in knowledge translation.
Canadian Institutes of Health Research 2014
$264,238

Managing the care of older patients in the emergency department (NCOPED).
Rawson, H., Considine, J., & Bennett, P. N.
Centre for Quality and Patient Safety, Deakin University 2013-2015
$48,253

Structured Interdisciplinary Bedside Rounding (SIBR).
Redley, B., Bennett, P. N., Chalmers, C., & Au, C.
Centre for Quality and Patient Safety, Deakin University 2012
$9,000

Can you laugh your way to happiness? Laughter yoga as a novel approach to helping people at risk for depression.
Weinberg, M., Bennett, P. N., & Cummins, B.
Health Faculty Grant, Deakin University 2012-2013
$15,940

Bridging the gap: Addressing refugee inequalities through primary health care reform.
Yelland, J., Riggs, E., Brown, S., Casey, S., Wallace, E., Goldfield, S., East, C. E., Coory, M., & Furler, J.
NHMRC Partnership Grant 2013-2016
$660,946

Grant Funding

► 30 research grants
► $5.5 million

Approximately $5.5 million in grant funding has been received to conduct the Nursing and Midwifery research in progress at Monash Health’s:

► Centre for Nursing Research - Deakin University and Monash Health Partnership
► Emergency Nursing Research Team
► Monash Women’s Midwifery Research


CONFERENCE PRESENTATIONS

Conference presentations


Bennett, P. N. (2014). Nursing research career pathways. [Keynote address]. Nursing Sciences and Profession at KSA: Challenges and Solutions, 11-12th March, Abha, Saudi Arabia.

Bennett, P. N. (2014). Adult learning principles and adaption to home dialysis training. Biennial Australian and New Zealand home Dialysis conference. 5-7 March, Melbourne, Australia.

Bennett, P. N. (2014). Laughter yoga in dialysis. Australian Laughter Yoga Conference. 5-6 October, Brisbane, Australia.


Hutchinson, A. M. (2013). *Challenges in implementing and sustaining an intervention to promote safety and quality in residential aged care* [Invited speaker]. Nursing Best Practice Research Centre, Faculty of Health Sciences, University of Ottawa. 3 July, Ottawa, Canada.


Journal referees

Associate Professor Paul Bennett
- BMC Nursing
- International Journal of Nursing Practice
- International Journal of Nursing Studies
- Japanese Journal of Nursing Research
- Journal of Advanced Nursing
- Journal of Renal Care
- Journal of Rural Health
- Nephrology, Dialysis and Transplantation

Professor Rose Chapman
- Australian Journal of Primary Health
- International Emergency Nursing Journal
- International Journal of Nursing Studies
- Int. Journal of Mental Health Nursing

Professor Christine East
- ANZJOG
- BJOG
- BMC Pregnancy and Childbirth
- Contemporary Nurse
- Dovereps
- Fertility and Sterility
- Journal of Obstetrics and Gynaecology Research Midwifery
- Midwifery

Professor Alison Hutchinson
- Implementation Science
- International Journal of Nursing Studies
- PLoS One
- Qualitative Health Research
- Worldviews on Evidence Based Nursing

Dr Joan Ostaszkiewicz
- Australian Journal on Ageing
- International Journal of Evidence-Based Healthcare
- Journal of Advanced Nursing
- Journal of the American Geriatrics Society
- Journal of Wound, Ostomy and Continence Nursing
- Neuourology and Urodynamic
- The Australian & New Zealand Continence Journal

Dr Helen Rawson
- Australasian Journal on Ageing
- Sexual and Reproductive Healthcare
- Sexuality and Culture

Committee membership

Associate Professor Paul Bennett
- Monash Health Clinical Management Steering Committee
- Monash Health Deputy Directors of Nursing Advisory Committee
- Monash Health Falls and Skin Integrity Committee
- John Cockayne Grants Committee
- National Health and Medical Research Council’s (NHMRC’s) Postdoctoral Reference Group
- Monash Health Human Research Ethics Committee
- Kidney Health Australia Nursing Scholarships Committee

Professor Rose Chapman
- Chair Monash Emergency Translational Research and Innovation Collaborative (METRIC)
- Member HREC A Monash Health
- Member of the College of Emergency Nursing Australia Research Committee

Professor Christine East
- Clinical Practice Guidelines: Antenatal corticosteroids given to women prior to birth to improve fetal, infant, child and adult health – PSANZ representative
- Director of Research, School of Nursing and Midwifery, Monash University
- Faculty Research Committee, Monash University, Member
- International Stillbirth Alliance, Board, PSANZ representative
- Monash Partners: Academic Health Science Centre, Women’s and Children’s Theme
- PSANZ 19th Annual Congress 2015 - Scientific Committee Member
- PSANZ Policy Sub-Committee Member
- School of Nursing and Midwifery, Monash University, Research Committee Chair
- University of Queensland Nursing and Midwifery Research Committee - Member

Professor Alison Hutchinson
- Monash Health Nursing & Midwifery Executive Leadership Team
- Member, Quality and Safety Committee, Uniting AgeWell
- Representative on the NHMRC Postdoctoral reference group
- Monash Health Research Council
- Aged Care Reform - Workforce Development Project. Nursing Pathways Project. Project Advisory Committee
- Deputy Head of School Research and Research Training.

Dr Helen Rawson
- Monash Medical Centre Moorabbin, Monash Cancer Centre, Oncology Supportive Care Research Interest Group
- Monash Health Human Research Ethics Committee
Awards

Bennett, P. N. & Ockerby, C.

Bennett, P. N.
Top 10 Poster Award. “Can we increase the happiness of people on dialysis? A survey of subjective wellbeing” 42nd Annual Renal Society of Australasia Conference, Melbourne, 2014

Bennett, P. N. & Ockerby, C.

Pro-Vice Chancellor’s Award for Innovation for the Implementation of the Tri-focal Model of Care in Residential Aged Care, Deakin University. Deakin University, Annual Health Faculty Award

McPhee, S.
2014 Monash Health Nursing and Midwifery Research Scholarship


Media

Bennett, P. N. & Hagan, K.
Laughter yoga best medicine. The Age, Melbourne. December 17th 2013

Bennett, P. N.

Bennett, P. N.

Bennett, P. N.
Laughter, the best therapy Geelong Advertiser February 10th 2014

Bennett, P. N.
A hee-haw a day keeps the doctor away Aged Care Insite. March 1st 2014

Bennett, P. N.

Editorial boards

Bennett, P. N.
• Journal of Renal Care, Renal Society of Australasia Journal (Editor)

Chapman, R.
• The Scientific World Journal
• Australasian Emergency Nursing Journal International Editorial Council

East, C. E.
• Cochrane Collaboration, Pregnancy and Childbirth Group

Hutchinson, A. M.
• Implementation Science
• Worldviews on Evidence Based Nursing
Research projects' alignment with National Safety and Quality Health Service Standards

- **Standard 1 – Governance for Safety and Quality in Health Service Organisations**
- **Standard 2 – Partnering with Consumers**
- **Standard 3 – Preventing and Controlling Healthcare Associated Infections**
- **Standard 4 – Medication Safety**
- **Standard 5 – Patient Identification and Procedure Matching**
- **Standard 6 – Clinical Handover**
- **Standard 7 – Blood and Blood Products**
- **Standard 8 – Preventing and Managing Pressure Injuries**
- **Standard 9 – Recognising and Responding to Clinical Deterioration in Acute Health Care**
- **Standard 10 – Preventing Falls and Harm from Falls**

- **WHO Ten steps to successful breastfeeding – progress, barriers and opportunities in Jeddah, Saudi Arabia**
  Albokhary, A., East, C. E., & Biro, M. A.
  *Addresses Standards 1 and 2*

- **Mindfulness in pregnancy: RCT**
  Beattie, J., Hall, H., Biro, M. A., & East, C. E.
  *Addresses Standard 1*

- **Evaluation of the nurse endoscopist service**
  Au, C., Chalmers, C., Horne, N., Forrest, K., Ockerby, C., & Bennett, P. N.
  *Addresses Standard 9*

- **Decreasing cannulation extravasation pain using Arnica cream: A pilot study**
  Bennett, P. N., Goedemans, A., Liang, K., & Cottell, B.
  *Addresses Standard 9*

- **Dandenong hospital safety climate survey**
  Bennett, P. N., Ockerby, C., Stinson, J., & Willcocks, K.
  *Addresses Standard 1*

- **Subjective wellbeing of people with chronic kidney disease**
  Bennett, P. N., Weinberg, P., & Cummins, B.
  *Addresses Standard 2*

- **Midwifery management of obese pregnant women: Survey**
  Biro, M. A., Cant, R., Hall, H., & Bailey, C.
  *Addresses Standard 2*

- **Birth outcomes by place of birth: Clinical audit**
  Biro, M. A., Wallace, E., Knight, M., Papacostas, K., & East, C. E.
  *Addresses Standard 1*

- **Perinatal mental health, including screening in refugee populations**
  Boyle, J., Gibson-Helm, M., East, C. E., McBride, J., Block, A., Melvin, G., Teede, H., Hight, N. & Rowe, H.
  *Addresses Standard 1*

- **Adaptation of the fluid watchers’ program for people with chronic kidney disease receiving haemodialysis**
  *Addresses Standard 2*

- **Health literacy for chronic kidney disease self-management**
  *Addresses Standard 2*

- **Engaging patients in communication at transitions of care**
  Bucknall, T. K., Chaboyer, W., Hutchinson, A. M., McMurray, A., Bott, M., Marshall, A., McTier, L., & Rawson, H.
  *Addresses Standards 2 and 6*
Listen to me, I am really sick! Understanding patient and family perspectives in triggering responses to medical emergencies
Bucknall, T. K., & Hutchinson, A. M.
Addresses Standards 2 and 9

Raised umbilical cord blood lactates in vigorous infants: Clinical audit
Carr, B. L., & East, C. E.
Addresses Standard 1

Missed nursing care can contribute to nurse and patient adverse events
Chapman, R., Martin, C., Rahman, A., Chalmers, C., & Courtney, M.
Addresses Standard 1

Violent and aggressive incidents frequently occur in emergency departments and emergency nurses are on the front line of these events
Chapman, R., Martin, C., Rahman, A., McKenna, B., & Barnfield, J.
Addresses Standard 1

Fetal movement detection
Colditz, P. B., East, C. E., Khlif, M., & Boashash, B.
Addresses Standard 1

Ethnicity and severe perineal trauma: Clinical audit
Davies-Tuck, M., Biro, M. A., East, C. E., Stewart, L., Mockler, J. C., & Wallace, E.
Addresses Standard 1

What are the health literacy levels of heart failure patients participating in a heart failure service?
Driscoll, A., Beauchamp, A., Osborne, R., & Gascard, D.
Addresses Standards 1 and 9

Improving and evaluating the health of mothers and babies
East, C. E.
Addresses Standards 1 and 2

Fetal pulse oximetry for fetal assessment in labour: Cochrane systematic review
East, C. E., Begg, L., Colditz, P. B., & Lau, R.
Addresses Standard 1

Fetal lactate measurement to reduce caesarean sections during labour: A randomised trial (FLAMINGO)
East, C. E., Brennecke, S. P., Davey, M-A., & Kamlin, O. C.
Addresses Standards 1 and 2

Fetal lactate measurement in labour: Clinical audit
East, C. E., & Carr, B.
Addresses Standards 1 and 2

Antenatal breast milk expression and storage in women with diabetes: Systematic review
East, C. E., Leader, L. R., Sheehan, P., Henshall, N. E., & Colditz, P. B.
Addresses Standard 1

Midwives’ and doctors’ perceptions of their preparation for and practice in managing the perineum in the second stage of labour: Survey
East, C. E., Lau, R., & Biro, M. A.
Addresses Standard 1

Monash Women’s Maternity Services new service directions: Evaluation
East, C. E., Papacostas, K., Wilkinson, G., & Wallace, E. M.
Addresses Standards 1 and 2

Think before you cannulate
Egerton-Warburton, D., Watson, M., Stirling, C., & Chapman, R.
Addresses Standards 1, 2 and 3

Laugh out Loud (LoL): Laughter therapy in residential aged care homes
Ellis, J., & Rawson, H.
Addresses Standard 2

My baby’s movements: A stepped wedged cluster randomised trial of maternal awareness and reporting of decreased fetal movements to reduce stillbirth
Flenady, V., Gardener, G., Middleton, P., Coory, M., Ellwood, D., Crowther, C., East, C. E., Callander, E., Norman, J., & Boyle, F.
Addresses Standard 1

Monash Women’s Maternity Services new directions: Principle-based care - implementation and evaluation
Forrest, K., Papacostas, K., Wallace, E., Tippett, C., East, C. E., May, K., Betts, L. et al.
Addresses Standards 1 and 2

Diabetes and antenatal milk expressing (DAME) trial: RCT
Addresses Standards 1 and 2

Ringing up about breastfeeding (Ruby): RCT
Addresses Standard 1

Pilot descriptive study: The presence of pressure injury in patients admitted to the emergency department via ambulance
Fullbrook, P., Chapman, R., McInnes, L., Miles, S., & Kinnear, F.
Addresses Standard 8

Birth outcomes of women from humanitarian source countries and NSC: Clinical audit
Gibson-Helm, M., East, C. E., Wallace, E., & Teede, H.
Addresses Standard 1

right@home: RCT
Goldfield, S., Price, A., Mensah, F., & Monash Collaborator, East, C. E.
Addresses Standards 1 and 2
PICHFORK study
Graudins, A., Seith, R., Meek, R., Egerton-Warburton, D., Furness, T., & Chapman, R.
Addresses Standard 1

Risk stratification in early pregnancy for women at increased risk of gestational diabetes
Harrison, C. L., Lombard, C. B., East, C. E., Boyle, J., & Teede, H. J.
Addresses Standard 1

Reasons for referral from residential aged care facilities to hospital emergency departments
Hawkins, M., O’Connell, B., Considine, J., & Au, C.
Addresses Standard 9

Gauze vs. Mepilex Border for peripherally inserted central catheter (PICC) cushioning: A pilot study
Heywood, E., Marshall, L., Curtis, K., Ritchie, C., Spence, L., Bennett, P. N., & Ockerby, C.
Addresses Standard 3

Using an audit with feedback knowledge translation intervention to promote safety and quality in health care
Hutchinson, A. M., Bucknall, T. K., & Sales, A. E.
Addresses Standard 2

Observational study of symptom management in palliative care practice
Hutchinson, A. M., Bucknall, T. K., & Walker, H.
Addresses Standard 2

Lung recruitment manoeuvres for reducing respiratory morbidity in mechanically ventilated neonates: Systematic review
Jauncey-Cooke, J., Bogossian, F., Hough, J. L., Schibler, A., Davies, M. W., Grant, C. A., Gibbons, K., & East, C. E.
Addresses Standard 9

Paediatric lung recruitment: RCT
Jauncey-Cooke, J., Bogossian, F., Schibler, A., & East, C. E.
Addresses Standard 9

Lung recruitment measures in mechanically ventilated children for reducing respiratory morbidity: Systematic review
Jauncey-Cooke, J., Schibler, A., Bogossian, F., Gibbons, K., Grant, C. A., & East, C.E.
Addresses Standard 9

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
Johnstone, M-J., Hutchinson, A. M., & Redley, B.
Addresses Standard 9

The patient experience of rehabilitation aged care services: The untold story
Keenan, C., & Bennett, P. N.
Addresses Standard 2

Support during pregnancy for women at increased risk of low birth weight babies: Cochrane systematic review
Lau, R., East, C. E., & Fredericks, S.
Addresses Standard 1

Comparison of Not for Resuscitation (NFR) orders across five Victorian health services
Levinson, M., Mills, A., Hutchinson, A.M., Heriot, G., Stephenson, G., & Gellie, A.
Addresses Standard 9

Assessing staff attitude to patients who present with deliberate self-poisoning
Martin, C., Rahman, A., & Chapman, R.
Not aligned with National Standards – Basic Research

Maternal and perinatal outcomes in a birth cohort in Victoria: The impact of mental illness
MccAuley, K., Zhao, L., East, C. E., & Cross, W.
Addresses Standard 1

Umbilical cord lactate: Accuracy of point of care and gold standard analysers project
Mackay, L., & Stewart, L.
Not aligned with National Standards – Basic Research

Providing continuing education to Australian emergency nurses: A qualitative exploratory perspective
Moseby, T., & Chapman, R.
Addresses Standard 1

Preeclampsia susceptibility genetics
Moses, E., Brennecke, S. P., & Blangero, J. (East, C. E. coordinator/collaborator)
Addresses Standard 1

The Tri-focal Model of Care: Teaching and Research Aged Care Services
O’Connell, B., Hutchinson, A. M., Bucknall, T., & Hawkins, M.
Addresses Standards 2, 4, 8 and 10

Tri-focal Model of Care: Advancing the teaching nursing home concept
O’Connell, B., Reside, M., Hawkins, M., Ostaszkiewicz, J., Lakan, P., & Ockerby, C.
Addresses Standards 2, 4, 8 and 10

Toileting assistance programs for the management of urinary incontinence in adults
Ostaszkiewicz, J., Eustice, S., Roe, B., Thomas, L. H., French, B., Islam, T., & O’Connell, B.
Addresses Standards 2 and 9

Centre for Innovation and Education in Aged Care
O’Connell, B., & Forbes, H.
Addresses Standards 2, 4, 8 and 10

Nursing management of behaviours of concern in residential aged care facilities
O’Connell, B., Lakan, P., Ostaszkiewicz, J., & Hawkins, M.
Addresses Standard 9
APPENDIX I

Victorian Public Residential Aged Care Services (PSRAC) Workforce census
Rawson, H., Chalmers, C., & Hutchinson, A. M.
Addresses Standards 8 and 10

Nursing management of older patients in the emergency department (NCOPED)
Rawson, H., Considine, J., Bennett, P. N., Hutchinson, A. M., & Chapman, R.
Addresses Standards 8 and 10

Structured interdisciplinary bedside rounding (SIBR)
Redley, B., Bennett, P. N., Chalmers, C., & Au, C.
Addresses Standard 1

Postnatal bladder care practices: Clinical audit
Sawyer, K. A., Carr, B., Lorentzen, S., & East, C. E.
Addresses Standard 1

Postpartum haemorrhage by type of labour and oxytocic: Clinical audit
Stewart, L., Kendall, A., Knight, M., East, C. E., & Wallace, E. M.
Addresses Standard 1

Gestational weight gain
Teede, H., East, C. E., Harrison, C., Lombard, C., & Boyle, J.
Addresses Standard 1

Diabetes in pregnancy: Its impact on development of the fetal kidneys and urinary tract
Wallace, E. M., McEwan, L. et al (East, C. E., Carr, B. coordinating)
Not aligned with National Standards – Basic Research

Can you laugh your way to happiness? Laughter yoga as a novel approach to helping people at risk for depression
Weinberg, M., Bennett, P. N., & Cummins, B.
Addresses Standard 2

Fetal monitoring in low risk women: Clinical audit
White, C., Sheshian, T., Tarrant, M., Knight, M., & East, C. E.
Addresses Standards 1 and 2

Refugee ascertainment project: Quality improvement project
Yelland, J., Riggs, E., & East, C. E.
Addresses Standard 1