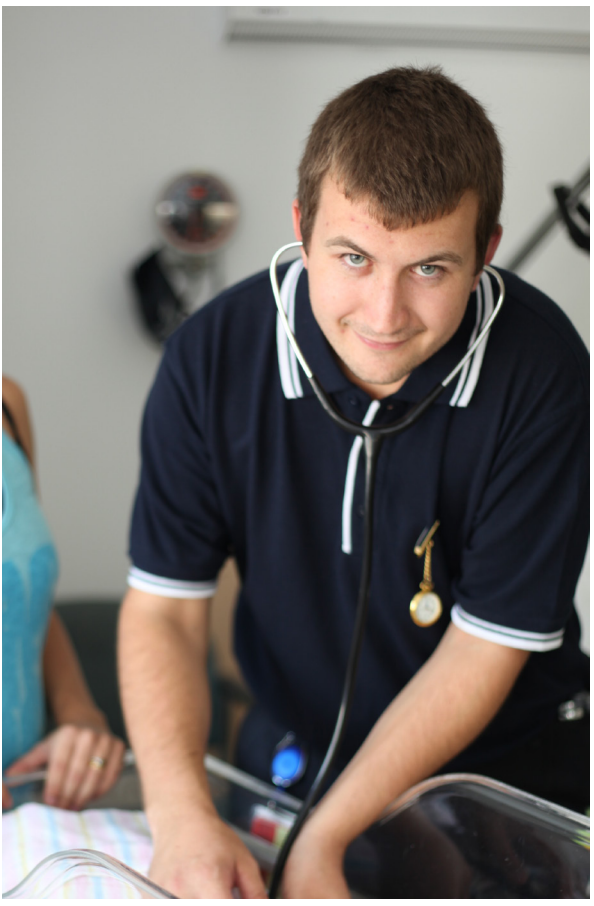
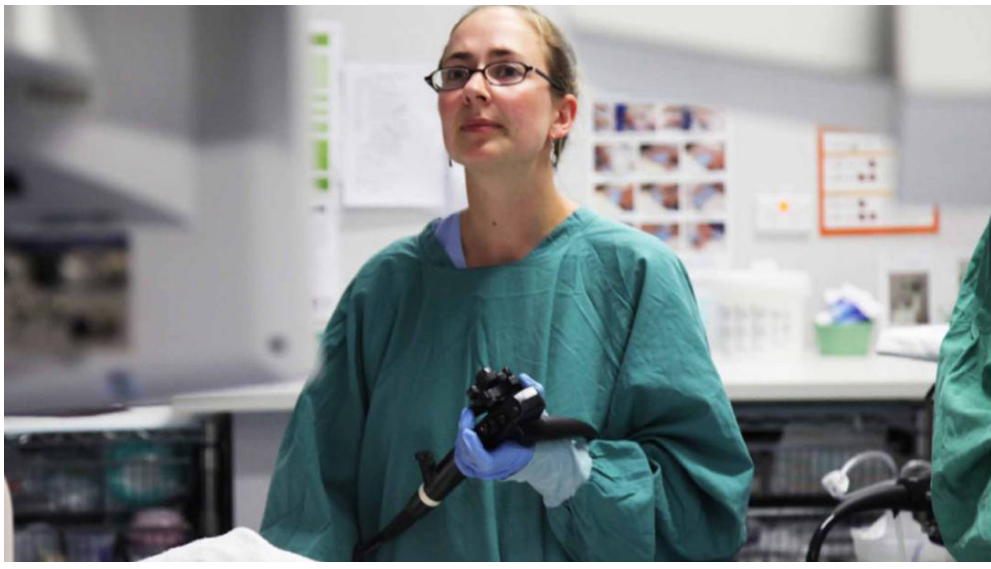
Nursing and Midwifery Research Report

July 2013 - December 2014





MonashHealth

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Foreword

Adjunct Professor Cheyne Chalmers

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 oustanding outcomes

We Lead sustainable healthcare

Centre for Nursing Research – Deakin University and Monash Health Partnership

Professor Alison Hutchinson

Associate Professor Paul Bennett

Dr Helen Rawson

Cherene Ockerby

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 develoment 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 Alison M. Hutchinson
Chair in Nursing
RN BAppSc Cert of Midwifery
MBioethics PhD

Associate Professor Paul Bennett
Associate Professor in Nursing
RN (Renal) MHSM PhD

Dr Helen Rawson
Research Fellow
RN BSc (Hons) MSc PhD

Dr Helen Walker
Research Fellow
DHSM, MURP (Hons) MTP
GDSc (Hons) BA

Dr Mary Hawkins
Research Analyst
BA (Hons) PhD

Dr Joan Ostaszkiewicz
Research Fellow
RN MNurs PhD

Cherene Ockerby
Research Assistant
BA (Hons)

Rose Lewis
PA to Chair in Nursing
DipMn Cert IV FServ

Catherine Au
Research Assistant
RN BN (Hons) GradCertNIC

Tania Cossich
Research Fellow
BN MPH

David McMillan
Education Staff
RN RPN GradDipNursPractice
(Mental Health) Cert IV TAE

Cheryl Turner
Education Staff
RN BN GradDip CritCareNurs MEd
Cert IV TAE

Emergency Nursing Research Team (ENRT)

Professor Rose Chapman

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.

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

Professor Christine East

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.

Professor Christine East
RN, RM, DipAppSc (Clin Nurs) BApplSc (Nurs) Grad Cert Health Studies (Ev Based Prac) Grad Cert Univ Teaching MMedSc PhD

Veronica Abruzzo
Research Assistant
BObs (Argentina)

Bethany Carr (nee Gunston)
Research Assistant
BMid

Taleigha Emerson
Research Assistant
BMid

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, La Trobe 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 Boromrajonani**
  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

Research projects

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 examines 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

Bonner, A., Lloyd, A. M., Douglas, C., Healy, H., & **Bennett, P. N.**

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., Highet, 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

Bucknall, T. K., Chaboyer, W., **Hutchinson, A. M**., McMurray, A., Botti, M., Marshall, A., McTier, L., & **Rawson, H.**

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**., Khlif, 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: Evaluation**

  East, C. E., Papacostas, K. Wilkinson, G., & Wallace, E. M.

  The Monash Women's New Service Directions were introduced at Monash Medical Centre and Casey Hospital in 2012 and at Dandenong Hospital in 2014. A semi-structured evaluation of consumers' and staff perceptions of its effectiveness has informed further refinements.

- **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.**, Callander, 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 smart-phone technology.

- **Monash Women's Maternity Services new directions: Principle-based care - implementation and evaluation**

  Forrest, K., Papacostas, K., Walace, E., Tippett, C., **East, C. E.**, May, K., Betts, L., et al.

  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.

Diabetes and antenatal milk expressing (DAME) trial: RCT

Forster, D. A., Jacobs, S. E., Amir, L., Walker, S., McEgan, K., Opie, G., & Monash Investigator: **East, C. E**.

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 SCN/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

Forster, D. A., McLachlan, H., Davey, M-A., Amir, L., Gold, L., Small, R., & Monash Investigator: **East, C. E.**

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 maneuvers 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 prevalence study conducted in five Victorian health services to determine the number of Do Not Resuscitate (DNR) orders and Advance Care Plans (ACPs) in patient medical histories. The findings provide baseline data regarding compliance with NSQSHC - Standard 9.

- **Umbilical cord lactate: Accuracy of point of care and gold standard analysers - Project**

  Mackay, L., & **Stewart, L**.

  This project compared lactate measurements, at varying levels of haematocrit from a blood gas analyser and two point of care (POC) meters, with results from a laboratory-based reference standard. One POC meter was more accurate that the other. It has now replaced the latter for clinical use.

- **Assessing staff attitude to patients who present with deliberate self-poisoning**

  Martin, C., & **Chapman, R.**

  Findings from this current study will be used to assess the need for the development and implementation of education strategies for ED health care workers to improve the experence of and provide better support for DSP patients in the ED setting.

- **Maternal and perinatal outcomes in a birth cohort in Victoria: The impact of mental illness**

  McCauley, K., Zhao, L., **East, C. E**., & Cross, W.

  We examined Birthing Outcomes System data for women with and without mental illness who gave birth within Monash Health, from January 2009 to December 2011. Women with mental health issues were more likely to give birth prematurely and for their infants to have low 5-min Apgar scores, compared to women with no history of mental illness.

- **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.

Bonner, A., Clark, R., Healy, H., Hamernik, E., & **Bennett, P. N**.

RBWH Foundation 2013
$26,364

Health literacy for chronic kidney disease self-management.

Bonner, A., Lloyd, A.M., Douglas, C., Healy, H., & **Bennett, P. N**.

Queensland Institute of Health and Biomedical Innovation Collaborative Research Development Grant Scheme 2013
$24,000

Reducing variation in acute pain management: A data-driven solution to improve uptake of a management algorith for postoperative pain.

Botti, M., Redley, B., Bucknall, T.K., Considine, J., **Hutchinson, A. M.**, Hutchinson, A., Dunning, T., Duke, M., Manias, E., Livingston, T., Cohen, E., & Kent, B.

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

Review: Engaging patients in communication at transitions of care.

Bucknall, T. K., Chaboyer, W., Botti, M., **Hutchinson, A. M.**, McTier, L., **Rawson, H.**, Marshall, A., Gillespie, B., & McMurray, A.

ACSQHC 2014
$219,186

Safe medication management in hospital settings.

Bucknall, T. K., Manias, E., **Hutchinson, A.M.**, Weir-Phyland, 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 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., Centre for Reproductive Health (UK).

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.

Hutchinson, A. M., O'Connell, B., Bucknall, T.K., Dunning, T., Mohebbi, M., **Ostaszkiewicz, J., Rawson, H., & Walker, H**.

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., Duley, 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.

Squires, J., Briehaut, J., Curren, J., Fenton, S., Graham, I., Grimshaw, J., **Hutchinson, A. M.**, Ivers, N., Lavis, J., Michie, S., Noseworthy, T., Sales, A., & Vine, J.

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**

Publications

Abeleda, K. L., Bennett, P. N., & Ockerby, C. (2013). Standardising dialysate potassium does not increase patient risk. *Journal of Renal Care*, *39*(3), 151-156.

Allen, J. H., Hutchinson, A. M., Brown, R. M., & Livingston, P.M. (2014). Quality care outcomes following transitional care interventions for older people from hospital to home: A systematic review. *BMC Health Services Research*. *14*:346. doi:10.1186/1472-6963-14-346

Bennett, P. N., Parsons, T., Ben-Moshe, R., Weinberg, M., Neal, M., Gilbert, K., Rawson, H., Ockerby, C., Finlay, P., & Hutchinson. A.M. (2014). Laughter and humor therapy in dialysis: A review. *Seminars in Dialysis*. *27*(5), 488–493. Available online: http://onlinelibrary.wiley.com/doi/10.1111/sdi.12194/abstract

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Bennett, P. N., Jaeschke, S., Sinclair, P. M., Kerr, P., Holt, S., Schoch, M., Fortnum, D., Ockerby, C., & Kent, B. (2014). Increasing home dialysis knowledge through a web-based e-learning program. *Nephrology 19*(6), 345–351.

Bennett P. N., Ockerby, C., Stinson, J., Wilcocks, K., & Chalmers, C. (2014). Measuring hospital falls prevention safety climate. *Contemporary Nurse, 47*(1), 27-35.

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Biro, M. A., Wallace, E. M., Knight, M., Papacostas, K., & East, C. E (2014). Is place of birth associated with mode of birth? The effect of hospital on caesarean section rates in a public metropolitan health service. *Australian and New Zealand Journal of Obstetrics and Gynaecology. 54*(1);64-70.

Biro, M. A., Cant, R., Hall, H., Bailey, C., Sinni, S. & East, C. E. (2013). How effectively do midwives manage the care of obese pregnant women? A cross-sectional survey of Australian midwives. *Women and Birth* 26(2);119-24. http://dx.doi.org/10.1016/j.wombi.2013.01.006

Boashash, B., Khlif, M., Ben-Jabeur, T., East, C. E., & Colditz, P. B. (2014). Passive detection of accelerometer-recorded fetal movements using a time-frequency signal processing approach. *Digital Signal Processing. 25*: 134-155.

Davies-Tuck, M., Biro, M-A., Mockler, J., Stewart, L., Wallace, E. M., & East, C. E. (2014). Maternal Asian ethnicity and the risk of anal sphincter injury. *Acta Obstetricia et Gynecologica Scandinavica.* 5 Dec 2014, early view article available doi: 10.1111/aogs.12557

East, C. E. (2013). Reviewer's Commentary on 'Familial risk of obstetric anal sphincter injuries: Registry-based cohort study'. *BJOG, An International Journal of Obstetrics and Gynaecology, 120*(7), 838.

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East, C. E., Lau, R., & Biro, M.A. (2014). Midwives' and doctors' perceptions of their preparation for and practice in managing the perineum in the second stage of labour: a cross-sectional survey. *Midwifery*. http://dx.doi.org/10.1016/j.midw.2014.07.002

East, C. E., Dolan, W. J., & Forster, D. A. (2014). Antenatal breast milk expression by women with diabetes for improving infant outcomes. *Cochrane Database of Systematic Reviews* Issue 7. Art. No.: CD010408. doi:10.1002/14651858.CD010408.pub2

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Conference presentations

Bennett, P. N. (2014). *Global Clinical Nursing Research Partnership Models.* Nursing Sciences and Profession at KSA: Challenges and Solutions. 11-12 March, Abha, Saudi Arabia.

Bennett, P. N. (2014). *Preventing the physical deterioration of people with kidney disease: Our core business* [Keynote address]. ANSZN and RSA Annual Conference, 25-27 August, Melbourne, Australia.

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.

Bennett, P. N., Sinclair, P. M., Jaeschke, S., Schoch, M., Fortnum, D., Kerr, P., Holt, S, Ockerby, C.,& Kent, B. (2014). *Home Dialysis First: Innovative online e-learning for patients, carers, students and health professionals.* Biennial Australian and New Zealand Home Dialysis Conference. 5-7 March, Melbourne, Australia.

Bennett, P. N., & Keenan, C. (2014). *The patient experience of rehabilitation aged care services in Australia.* Cleveland Clinic: Patient Experience: Empathy & Innovation Summit, 18-21 May, Cleveland, Ohio.

Bennett, P. N., Weinberg, M., Cummins, R., Bridgman, T., & Ockerby, C. (2013). *Can we increase the happiness of people on dialysis? A survey of subjective wellbeing.* Monash Health Research Week, 25-29 November, Melbourne, Australia.

Biro, M. A., & East, C. E. (2014). *Obstetric anal sphincter injury in women giving birth at a large metropolitan health service in Melbourne, Australia: Rising incidence or better ascertainment?* International Congress of Midwives (ICM), Prague 1-4 June, Prague, Czech Republic. C107.

Biro, M. A., Knight, M., Wallace, E., Papacostas, K,. & East, C. E. (2014). *Is place of birth associated with mode of birth? The effect of hospital on caesarean section rates in a public metropolitan health service.* PSANZ 18th Annual Congress, 6-9 April, Perth, Australia.

Bucknall, T. K., Forbes, H., Hill, D., Hutchinson, A. M., McMillan, D., Ockerby, C., O'Connell, B., Ostaszkiewicz, J., Rawson, H., & Turner, C. (2014). *Transforming residential aged care: Implementing the Tri-focal Model of Care.* [Workshop]. National Aged Care Workshop, Cooperative for Healthy Aging Research and Teaching (CHART). 29 April, Canberra, Australia.

Bucknall, T. K., Forbes, H., Hill, D., Hutchinson, A. M., O'Connell, B., Ostaszkiewicz, J., & Rawson, H. (2014). *The Tri-focal Model of Care: Translating knowledge to optimise safety and quality in residential aged care.* National Aged Care Workshop, Cooperative for Healthy Aging Research and Teaching (CHART). 29 April, Canberra, Australia.

Campbell, I., O'Reilly, M., Rockefeller, S., & Hutchinson, A. M. (2014). *Validation of a Hospital in the Home (HITH) specific patient satisfaction survey.* Annual HITH Scientific Conference, 19-21 November, Melbourne, Australia.

Chen, S-W., Bucknall, T., Hutchinson, A..M., & Nagle, C. (2014). *Vaginal birth after caesarean: Decision-making processes in Taiwanese pregnant women following a primary caesarean section.* Asia-Pacific Nursing Research Conference (APNRC), Promoting Global Health: From Research to Practice, 11-13 September, Taipei, Taiwan.

Cockerell, R., Kurczycki, L., Sherburn, M., & Ostaszkiewicz, J. (2014). *Prevention is the best cure: Screening our way to continence and better health outcomes. Four different strategies to highlight how it's done across the lifespan.* [Workshop]. 43rd Annual Meeting of the International Continence Society. 26-30 August, Barcelona, Spain.

Curtis, K., Ockerby, C., Bennett, P. N., Heywood, E., & Marshall, L. (2013). *Peripherally inserted central catheter cushion: Comparison of gauze with silicone foam for chemotherapy patients.* Monash Health Research Week, 25-29 November, Melbourne, Australia.

East, C. E., Lau, R., & Biro, M. A. (2014). *Midwives' and doctors' perceptions of perineal management in the second stage of labour.* International Congress of Midwives (ICM), Prague 1-4 June, Prague, Czech Republic. C224.

East, C. E., Lau, R., & Biro, M. A. (2014). *Midwives' and doctors' perceptions of perineal management in the second stage of labour.* PSANZ 18th Annual Congress. 6-9 April, Perth, Australia.

East, C. E., Mockler, J. C., Dolan, W. J., & Forster, D. A. (2013). *Antenatal breast milk expression and storage by women with diabetes in pregnancy for improving infant outcomes.* ACM 18th Biennial Conference, 30 Sept – 3 Oct, Hobart, Australia.

Gibson-Helm, M., Teede, H., Cheng, I-H., Block, A., Knight, M., East, C. E., Wallace, E. M., & Boyle, J. (2014). *Maternal health and pregnancy outcomes among women of refugee background from African countries.* PSANZ 18th Annual Congress, 6-9 April, Perth, Australia.

Hills, D., Forbes, H., Hutchinson, A. M., & O'Connell, B. (2014). *The Tri-focal Model of Care. Education online: Anywhere, anytime.* National Aged Care Conference, Cooperative for Healthy Aging Research and Teaching (CHART). 30 April, Canberra, Australia.

Hills, D., Forbes, H., O'Connell, B., & Hutchinson, A.M. (2013). *The Tri-focal Model of Care – transforming residential aged care education.* National Nursing Forum, 20-22 October, Canberra, Australia.

Hutchinson, A. M. (2014). *Transforming residential aged care: The Tri-focal Model of Care.* Better Practice Conference. 29-30 May, Melbourne, Australia.

Hutchinson, A. M. (2014). *Delirium identification and management in frail elderly* [Invited speaker]. Acute Care of the Frail Elderly Seminar. Alfred Health, 20 June, Melbourne, Australia.

Hutchinson, A. M. (2014). *The Tri-focal Model of Care in Residential Aged Care Settings* [Invited speaker]. National Dementia Congress, 21 February, Melbourne, Australia.

Hutchinson, A. M. (2013). *Tri-focal Model of Care – Transforming Residential Aged Care Education (TMC-TRACE) program* [Invited speaker]. Wicking Symposium, 2 August, Melbourne, Australia.

Hutchinson, A. M. (2014). *The Tri-focal Model of Care in residential aged care settings* [Invited speaker]. National Dementia Congress, 21 February, Melbourne, Australia.

Hutchinson, A. M. (2014). *Translating knowledge to close the research-practice gap* [Invited Keynote]. National Dementia Research Forum. Wesley Conference Centre, 19 Sep, Sydney , 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.

Hutchinson, A. M., O'Connell, B., Rawson, H., Ostaszkiewicz, J., Ockerby, C., Forbes, H., Hawkins, M., & Bucknall, T. (2014). *Understanding the residential aged care context to inform implementation of the Tri-focal Model of Care.* Monash Health Research Week, 25-29 November, Melbourne, Australia.

Hutchinson, A. M., Ockerby, C., Rawson, H., Mills, A., & Levinson, M. (2013). *Resuscitation management plans at Monash Health: Do we have our finger on the pulse?* Monash Health Research Week, 25-29 November, Melbourne, Australia.

Johnstone, M-J., Hutchinson, A. M., Redley, B., & Rawson, H. (2014). *Registered nurses End of Life decision-making concerning ethnic elderly patients admitted to Victorian hospitals* [Oral Presentation]. 47th Australian Association of Gerontology National Conference, 26-28 November, Adelaide, Australia.

Keenan, C., Bennett, P. N., Macalinden, F., Bridgman, T., & Springer, A. (2013). *The patient experience of rehabilitation aged care services.* Monash Health Research Week, 25-29 November, Melbourne, Australia.

McMillan, D. (2014). *Keeping three balls in the air: The Tri-focal Model of Care in the public sector.* Better Practice Conference. 29-30 May, Melbourne, Australia.

McMillan, D., Kingham, A., O'Connell, B., & Hutchinson, A. M. (2013). *Tri-focal Model of Care: Cabrini Ashwood.* Cabrini Week, 13 November, Melbourne, Australia.

McMillan, D., Sheppard, S., Hepworth, R., Abeysinghe, C., & Grech, D. (2014). *Tri-focal Model of Care.* Interdisciplinary Seminar, Caulfield, Alfred Health. 14 February, Melbourne, Australia.

Mills, A., Gellie, A., Heriot, G., Hutchinson, A. M., Levinson, M., Newnham, H., Robertson, M., Stephenson, G., & Walker, A. (2014). *Standard 9: Advanced care plans and resuscitation orders. How do we rate?* 47th Australian Association of Gerontology National Conference, 26-28 November, Adelaide, Australia,

Ostaszkiewicz, J. (2014). *Dignifying 'dirty' work': Providing continence care in residential aged care facilities* [Invited speaker]. Every Body's Business – Aged Care and Incontinence. Continence Foundation of Australia. 21 March, Melbourne, Australia.

Ostaszkiewicz, J., O'Connell, B., & Dunning, T. (2013). *Ethical challenges associated with providing continence care in residential aged care settings.* 25th International Council of Nurses International Congress. 18-23 May 2013, Melbourne, Australia and October, Hobart, Australia.

Ostaszkiewicz, J., O'Connell, B., & Dunning, T. (2013). *Ethical challenges associated with providing continence care in residential aged care facilities.* [Invited speaker]. 22nd National Conference on Incontinence. 23-26 October, Perth, Australia.

Ostaszkiewicz, J., O'Connell, B., & Dunning, T. (2013). *Sociological responses to personal care and continence care in residential aged care facilities.* 22nd National Conference on Incontinence. 23-26 October, Perth, Australia.

Parsons, T., & Bennett, P. N. (2014). *Laughter yoga on dialysis: Exploring the perspective of nurses.* Canadian Association of Nephrology Nurses and Technicians. 23-25 June, Niagara Falls, Canada.

Peel, C., Hutchinson, A. M., Lever, C., Martin, V., O'Connell, B., Ockerby, C., Ostaszkiewicz, J., Rawson, H., & Walker, H. (2014). *Transforming care through meaningful partnerships: The Tri-focal Model of Care at Yarraman Nursing Home.* Asia Pacific (APAC) Forum on Quality Improvement in Healthcare, 1-3 September, Melbourne, Australia.

Rawson, H., Bennett, P. N., Chapman, R., Considine, J., Cossich, T., & Hutchinson, A. M. (2014). *Caring for older adults in emergency departments: emergency nurses' educational needs* [Oral Presentation]. 7th Australian Association of Gerontology National Conference, 26-28 November, Adelaide, Australia.

Rawson, H., Bucknall, T., Forbes, H., Hutchinson, A. M., O'Connell, B., & Ostaszkiewicz, J. (2014). *The Tri-focal Model of Care – partnership-centred, evidence-based practice in residential aged care.* 47th Australian Association of Gerontology National Conference, 26-28 November, Adelaide, Australia.

Rawson, H., Cossich, T., Considine, J., Bennett, P. N., Chapman, R., & Hutchinson, A. M. (2014). *Emergency nurses' knowledge and self-rated practice skills when caring for older ED patients* [Oral Presentation]. International Conference for Emergency Nurses (ICEN), 8 October, Pan Pacific, Perth, Australia.

Stewart, L., Davies, M., Kendall, A., Knight, M., Wilkins, D., East, C. E., & Wallace, E. (2013). *Associations between ethnicity and severe perineal trauma after vaginal birth.* ACM 18th Biennial Conference, 30 Sept – 3 Oct, Hobart, Australia.

Stewart, L., Kendall, A., Knight ,M., East, C. E., & Wallace, E. (2013). *The relationship between type of labour and third stage oxytocic use on postpartum haemorrhage rates.* ACM 18th Biennial Conference, 30 Sept – 3 Oct, Hobart, Australia.

White, C., Shashian, T., Tarrant, M., Knight, M., & East, C. E. (2013). *Fetal monitoring in a low risk maternity unit: Usage and indications.* ACM 18th Biennial Conference, 30 Sept – 3 Oct, Hobart, Australia.

Yasmine, M. & East, C. E. (2014). *Reflections on a journey: An Australian midwife exploring the volunteer healthcare needs of communities in resource-poor settings.* Int. Congress of Midwives (ICM), Prague 1-4 June, Prague, Czech Republic. P059

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
- Dovepress
- 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
- Neurourology and Urodynamics
- 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 Scholorships 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 A

Awards

Bennett, P. N. & Ockerby, C.
Winner of the Innovation in Nursing/ Midwifery award "Laughter Yoga in Dialysis Study",
Monash Health Nursing and Midwifery Awards, May 2014.

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.
Best Oral Paper. "E-Learning, adult learning principles and adaption to home dialysis training".
5th Biennial Australian and New Zealand Home Dialysis Conference, Melbourne.
February 2014

Hutchinson, A. M., O'Connell, B., Bucknall, T. K., Rawson, H., Forbes, H., Ostaszkiewicz, J., & 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

Rawson, H., Bucknall, T. K., Forbes, H., Hutchinson, A. M., O'Connell, B., & Ostaszkiewicz, J.
Winner People's Choice Poster Prize: The Tri-focal Model of Care – partnership-centred, evidence-based practice in residential aged care.
47th Australian Association of Gerontology National Conference, 26-28 November 2014, Adelaide Oval, Adelaide, Australia.

Media

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

Bennett, P. N.
The Best Medicine.
The Project (Television broadcast).
Melbourne, Australia; Channel 10.
January 3rd 2014
http://tenplay.com.au/channel-ten/the-project/extra/season-5/laughter-yoga

Bennett, P. N.
Zumba therapy for dialysis patients
Health Matters, Radio National.
June 30th 2014
http://www.abc.net.au/radionational/programs/lifematters/new-document/5562420

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.
"Exercise, Zumba and Laughter in Dialysis"
2SER Sydney Radio.
July 14th 2014

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

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.
Addresses Standard 2

Home dialysis therapies e-Learning (HDTEL)
Bennett, P. N., Sinclair, P., Schoch, M., Kerr, P., Holt, S., & Jaeschke, S..
Addresses Standard 2

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.
Addresses Standard 10

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 woment: Survey
Biro, M. A., Cant, R., Hall, H., & Bailey, C.
Addresses Standard 1

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., Highet, N. & Rowe, H.
Addresses Standard 1

Adaptation of the fluid watchers' program for people with chronic kidney disease receiving haemodialysis
Bonner, A., Lloyd, A. M., Douglas, C., Healy, H., & Bennett, P. N.
Addresses Standard 2

Health literacy for chronic kidney disease self-management
Bonner, A., Lloyd, A. M., Douglas, C., Healy, H., & Bennett, P. N.
Addresses Standard 2

Engaging patients in communication at transitions of care
Bucknall, T. K., Chaboyer, W., Hutchinson, A. M., McMurray, A., Botti, 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
Forster, D. A., Jacobs, S. E., Amir, L., Walker, S., McEgan, K., & Opie, G. Monash Investigator: East, C. E.
Addresses Standards 1 and 2

Ringing up about breastfeeding (Ruby): RCT
Forster, D. A., McLachlan, H., Davey, M-A., Amir, L., Gold, L., Small, R., & Monash Investigator: East, C.E.
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., Lakhan, 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., Lakhan, P., Ostasziewicz, J., & Hawkins, M.
Addresses Standard 9

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

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