Caboolture and Kilcoy Hospitals and Woodford Corrections Health Service

Research Report

July 2016 – June 2017
Foreword

I would like to thank all staff for their passion and pursuit of research at Caboolture & Kilcoy Hospitals and Woodford Corrections Health Service. Research is integral to excellence in the clinical care we provide to the patients and families we serve. I am proud to see that research is active across nursing, medical, allied health; and education and training streams. An increasing number of staff have represented our Hospitals well by presenting their work at national and international conferences in the past year.

In 2016/2017, Caboolture & Kilcoy Hospitals and Woodford Corrections Health Service staff attracted over $200K in competitive research funding. The number of approved research projects and peer-reviewed publications at Caboolture & Kilcoy Hospitals and Woodford Corrections Health Service has steadily increased on a yearly basis. Research collaborations at our facilities are diverse and are linked across universities and hospital and health services. Partners include The University of Queensland, Queensland University of Technology, Griffith University, James Cook University, Mater Hospital, Metro South HHS, Gold Coast HHS, Sunshine Coast HHS, Children’s Health Queensland HHS and the Emergency Medicine Foundation.

I would like to commend the work of our formative Research Development Unit over the past year and the leadership provided by Dr Thuy Frakking, our part-time Research Manager.

Finally, I would like to acknowledge Professor Ian Yang, Head of Northside Clinical School (The University of Queensland) for his team’s belief and financial support in growing research at our facilities for the past three years. Our research outputs and culture are improving and I look forward to seeing this continue to grow into the future.

I hope that you will find our 2016/2017 Caboolture & Kilcoy Hospitals and Woodford Corrections Health Service Research Report informative and that it encourages you pursue your research endeavours at our facilities.

Dr Lance Le Ray
Executive Director
Caboolture & Kilcoy Hospitals and Woodford Corrections Health Service
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Caboolture & Kilcoy Hospitals and Woodford Corrections Health Service
Research Support
Personnel
Research Development Unit

The Research Development Unit (RDU) at Caboolture Hospital consists of a small team of 1.4FTE part-time staff, consisting of a research coordinator, senior research fellow, research support officer and a research governance officer. Since its inception in 2014, The RDU has helped to build research capacity through the sourcing of additional research support, sharing of research training opportunities; and the provision of individualised advice to clinicians on research governance, design, evaluation and dissemination.

Contact Details:

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Research Governance Officer

The Research Governance Officer, Vanessa Constable, coordinates the site authorisation of research studies undertaken at Redcliffe Hospital, Caboolture-Kilcoy Hospitals and Community & Indigenous Support Services. The Research Governance Officer provides a contact point for questions in regard to research ethics and governance. Early contact with the Research Governance Officer is recommended for staff and external researchers wishing to undertake research at Caboolture Hospital.

Contact Details:
Vanessa Constable
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Caboolture Hospital Library

The Caboolture Hospital Library is located in the Education Centre and provides 24/7 access via proxy card. The Library provides a haven for staff to withdraw to for small group or individual work or study. Onsite resources include a print collection plus Queensland Health and University of Queensland computers with full internet and e-resource capabilities.

Information sources consisting of databases, full-text journals and ebooks, etc are available to staff via the state-wide Queensland Health CKN (Clinicians Knowledge Network) and the Queensland Health Libraries web-portal provides access to print and electronic resources. These resources are all available 24/7 on and off site following initial registration.

Our professional librarian, Jane Orbell-Smith AFALIA (CP) Health, is a health certified librarian. She provides training and assistance to library clients with resources supporting evidence based practice plus client services including literature (evidence) searching, sourcing reference material, and, information literacy.

Contact details:

Jane Orbell-Smith  
Ph: 3883 7726  
E: RedCabLibrary@health.qld.gov.au  
W: http://redcab.libguides.com/RedCabLibrary

Librarian onsite at Caboolture: 10.30-2.00  
Tuesday, Thursday and Friday (subject to other work commitments).

QIMR Berghofer Statistics Unit

The QIMR /MNHHS Statistics unit provides a statistical consultancy service to QIMR Berghofer and the Metro North Hospital and Health Service and collaborate in research with clinicians and scientists. Clinicians across MNHHS, including Caboolture and Kilcoy Hospitals, have engaged with the statistics unit to assist with:

- One-on-one research consults: project proposals and grants, study design, data collection, data analysis, presentation and response or rebuttal of reviewers’ comments
- Collaborative research projects
- Training courses, workshops & seminars

Contact details:

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Emergency Medicine Foundation

The EMF Research Support Network (RSN) Hub (Wide Bay HHS, Sunshine Coast HHS, Rockhampton, Redcliffe & Caboolture Hospitals) is supported by the mobile Research Development Manager, Julia Hocking. The RSN Mission is to provide leadership and support to Emergency Medicine research by creating an environment that encourages quality research and translation of better ways to save lives in medical emergencies. The RSN aims to:

- Encourage Emergency Medicine research
- Support excellence in Emergency Medicine
- Improve performance in Emergency Medicine research
- Create engaging Emergency Medicine research and innovation
- Build and strengthen Emergency Medicine research capacity and community

Dr Hocking has been working closely with Emergency Department Research Champions Dr Mark Scott and Dr Sean Clark to develop and implement a number of important research ideas, from locally driven projects to national, multi-centre collaborations.

Contact details:

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Featured Research Highlights
The Prickle Babies Study: A pragmatic, multi-centre, parallel design (1:1:1), open, randomised controlled trial to evaluate the effectiveness of a simple short message service (sms) vs tailored sms and home visiting compared to usual parent/carer practice to improve the uptake and timeliness of the primary immunisation series in marginalised children aged less than 7 months

**Principal Investigator:** Dr Kerry-Ann O’Grady

**Caboolture Hospital Investigators/Site Lead:** Helen Hine & Kerrianne Gifford

**Background**

The uptake and timeliness of the primary immunisation series in infancy is critical to preventing infectious diseases morbidity and mortality. There is a high burden of vaccine preventable diseases in Aboriginal and Torres Strait Islander children irrespective of geographic location, however limited attention has been paid to those living in urban and regional settings. Rates are similar for non-Indigenous children living in lower socio-economic settings. The need to improve the timeliness of the primary series has been known for at least 10 years but there has been little change over that time. Recent data from a cohort of Aboriginal and Torres Strait Islander children in Caboolture, Queensland suggests approximately 44% of children have not completed the primary series by 7 months of age, with little differences in this gap between Indigenous and non-Indigenous children in the study. Identifying simple, appropriate and cost effective interventionsto improve timeliness is therefore a priority.

This study aims to improve the uptake and timeliness of the primary immunisation series in children living in lower socio-economic and/or regional settings. Specifically it is evaluating the effectiveness of targeted, culturally appropriate short messaging service (SMS) and/or home visiting in improving the uptake and timeliness of the primary immunisation series in children living in lower socio-economic and/or regional settings.

**Status Update**

Ethics approval for the study was granted from the Queensland Children’s Hospital and Health Services HREC and from the Queensland University of Technology Research Ethics Committee. Recruitment commenced in June 2016 in Caboolture and Toowoomba. To date 209 women have been screened, 122 enrolled and 55 babies have been born and 17 have reached 7 months of age. Recruitment is due to be completed in June 2018.

**Significance**

The study is a partnership between universities, government departments, hospitals and primary health care providers in Caboolture and Toowoomba. It is not only building capacity in research but, if successful, will provide a simple, cost-effective model that can be widely implemented to improve immunisation uptake and timeliness in children in disadvantaged communities.

**Outputs**

The study was presented at the Children’s Hospital Foundation Research Advisory Committee Meeting.
Collaboration for Hospitalised elders: Reducing the Impact of Stays in Hospital (CHERISH)

Principal Investigator: Dr Alison Mudge

Caboolture Hospital Investigators/Site Lead: Dr Iain Borthwick

Background

Eat Walk Engage is a complex multi-component intervention with structured implementation, which has shown reduced geriatric syndromes and length of stay in pilot studies at one hospital. This study will test effectiveness of implementing Eat Walk Engage using a multi-site cluster randomised trial to inform transferability of this intervention.

Status Update

Study recruitment is complete.

Significance

Reduced stay in hospital and reduced complications for older patients admitted to acute hospital wards.

Outputs

The Value of Avoiding the Pain of IV Failure: Using willingness to pay to establish patient preferences of peripheral intravenous catheter securement in an Australian Emergency Department

Principal Investigator: Dr Mark Scott

Caboolture Hospital Investigators/Site Lead: Dr Mark Scott

Background

Emergency Medicine Foundation funded research project establishing what values patients would put on not having to have an IV resited due to IV failure. This is a patient centred approach to cost effectiveness analysis of using superglue to prevent IV failure.

Status Update

Survey complete. Study now in statistical analyses and write up phase.

Significance

To establish whether the cost of superglue is justified for the benefit of avoiding IV resites.
Observational Research in Childhood Infectious Diseases (ORChID)

Principal Investigator: Professor Keith Grimwood

Background

The ORChID study is a community-based birth cohort study of respiratory and gastrointestinal infections in the first 2 years of life.

Status Update

- Recruitment completed: September 2010-October 2012 – 165 subjects
- Data and specimen collection from subjects completed: September 2010-November 2014 – 88,000 person-days of observation recorded, >22,000 swab specimens collected
- Laboratory and data analyses – ongoing
- Caboolture Hospital – 2 subjects presented to Caboolture Hospital during their 2 year period of follow-up, the medical chart of only one was available and has now been reviewed to learn of the reasons for their presentation
- Currently, we have one manuscript being revised and another three that will be submitted during the next two months. The data obtained from the chart review conducted at Caboolture Hospital will help inform a subsequent manuscript planned for later this year describing the community health burden of viral respiratory infections in the first two years of life.

Significance

By using daily symptom diaries and modern molecular-based detection techniques we have been able to monitor intensively the nature, types and frequency of viral respiratory and gastrointestinal infections during the first 2yrs of life. This has included making disease-pathogen associations allowing us to identify the most important respiratory virus infections and the impact of rotavirus vaccines at a community level. This has important public health implications for planning future vaccines and other health interventions. At the same time the ORChID cohort is being followed annually throughout childhood to examine the impact of early virus infections upon subsequent lung health and lung function, while the biobank is being interrogated to identify the mechanisms of bacterial colonisation and virus-bacteria interactions in the upper airways.

Outputs


Alsaleh AN, Whiley D, Bialiasiewicz S, Lambert SB, Ware RS, Nissen MD, Sloots T, Grimwood K. Using nasal swab samples and real-time PCR for community-based studies of respiratory viruses: the importance of sample integrity and quality control. BMC Infect Dis 2014; 14: 15.

Alsaleh AN, Grimwood K, Sloots TP, Whiley DM. A retrospective performance evaluation of an adenovirus real-


PHEEM-Q-ICU: Evaluating the educational environment in Queensland Intensive Care Units using the Postgraduate Hospital Educational Environment Measure

Principal Investigator: Dr Melita Trout

Background

The study is applying a reliable and valid measure of the educational environment to Queensland ICUs. Junior doctors will rate their perception of the support, autonomy and learning opportunities that they receive during an ICU rotation. Comparisons include regional versus metropolitan Queensland and intensive care versus other speciality vocational trainees.

Status Update

The PHEEM-Q-ICU study has completed data collection and is at the data analysis and manuscript preparation stage for submission to a postgraduate medical education journal.

Significance

Educators may choose to adopt the PHEEM inventory as a way to ensure they are meeting the needs of learners and to judge the effects of implemented change in their workplace.
Discharge planning in public hospitals in Hong Kong and Australia: How does it work and how cost-effective is it?

Principal Investigator: A/Prof Tracy Comans

Caboolture Hospital Investigators/Site Lead: Brooke Cowie

Background

The research aims to understand how the discharge planning process works in your ward/team so that we can compare this to others teams in Metro North and internationally in Hong Kong. Some of the aspects we looked at included:

- Who is involved?
- What are their roles?
- How does the communication work?

Status Update

The project data collection is complete. Currently the project is undertaking final analysis and dissemination of results.

Significance

Caboolture staff are using the results to improve discharge planning processes particularly as new wards come online.

Outputs

- Conference abstract has been submitted to the Australian Health Services Conference to be held in November.
- Local presentations have been made to Caboolture Hospital and TPCH Allied Health, Nursing and Medical Managers and a written report was provided to both facilities.
- Outcomes paper currently being drafted and will be submitted later this year.
- Follow-up grant was submitted to the Health and Medical Research Fund (HMRF) of the Food and Health Bureau, Government of Hong Kong SAR. Title: “IT-supported discharge planning in Rehabilitation Centres: Does it improve team interaction, reduce avoidable hospitalization, and decrease resources use in the community? A mixed method study”
Older Person Friendly Hospital: Understanding barriers and enablers for care in Brisbane hospitals

Principal Investigator: Dr Adrienne Young

Background

The qualitative research study aims to understand gaps in evidence-based care of older inpatients. This study will use interviews with decision makers, senior clinicians, researchers, consumer representative and academics from a range of disciplines that are involved in health service provision, policy, research and/or teaching and training. Data from the interviews will inform knowledge translation by gaining an understanding of barriers and enablers to care of older inpatients, identifying existing capabilities and resources, and prioritising areas for improvement.

Status Update

Recruitment and data collection have been completed with 20 respondents (2 staff members from Caboolture). Data is currently being analysed.

Significance

It is our plan for this work to form the basis of developing local and statewide action plans for teaching and training, service delivery and research around better care for older people.

Outputs

This work has been presented locally (e.g. RBWH Frail Older Person Action Group, MNHHS Older Person Healthcare Plan Steering Group) with plans for broader dissemination (Brisbane Diamantina Health Partners Aging Theme, combined Statewide Older Person Health Clinical Network and Statewide General Medicine Network Forum). Plan to present at RBWH research symposium and submit abstracts to AAG, IMSANZ, and write-up results in two publications.
Strategies to Support Women and Clinicians to Engage in Shared Decision Making about Timing of Hospital Admission on Labour

Principal Investigator: Yvette Miller
Caboolture Hospital Investigators/Site Lead: Anne Clayton

Background

Hospital admission during early labour is common and associated with longer hospital stays, misdiagnosed slow labour progress and over-use of obstetric intervention compared with admission in active labour. There is limited research into clinical or patient interventions to reduce premature admission and no previous work in Australia.

We introduced three decision-making tools designed to reduce premature admission in labour (a patient decision aid and clinical assessment forms for telephone and hospital presentation). We evaluated their impact on prevalence of premature admission (<4cm cervical dilation at admission), maternal and neonatal clinical outcomes, obstetric intervention and use of hospital resources. We also assessed the adherence to implementation guidelines and acceptability of the patient tool.

Status Update

Data collection has been completed. See figure 1 below.

Figures 1. Project timeline

Significance

There was no evidence of impact of the three introduced decision making tools on rates of admission in early labour (premature admission) or any associated maternal or neonatal outcomes. There was a decrease in the number of telephone calls made by women, which indicates potential for the tools to reduce health service costs within a very limited scope of impact.

There was evidence of poor implementation of all of the tools, in particular for the presentation assessment tool. Improved implementation strategies may lead to further decreases in early admission. The lack of adherence to tool delivery (for the patient tool) and use among clinicians has meant that the potential impact of the tools on the outcomes assessed here cannot be adequately determined.

Findings have not resulted in any policy or guideline change.

The clinician tools implemented as part of this trial have continued to be used at Caboolture Hospital. Dissemination of patient decision aid has not continued beyond the trial due to resource limitations (it remains
Outcomes

Several publications are in preparation including a protocol paper, outcomes paper and cost-effectiveness paper.

The following presentations have been made or are planned:

- A presentation will be made to Caboolture Hospital staff detailing results
Implementation of Safewards and BrØset to Secure Mental Health Rehabilitation Units

Principal Investigator: Clinical Associate Professor Lisa Fawcett

Caboolture Hospital Investigators/Site Lead: Sarah Widin

Background

To determine the effect of introducing the Safewards program together with the BrØset Violence Checklist to Secure Mental Health Rehabilitation Units of Queensland public hospitals.

Status Update

Pre-implementation survey completed.

Significance

The Safewards program has identified many of the important factors in conflict and containment generation and suggests some alternative approaches to mental health care that will help develop viable nursing plans to keep consumers safe.

Outputs

Cardiovascular outcomes after Type 2 Myocardial Infarction: A retrospective, single centre, observational study at a Regional teaching hospital (RTH)

Principal Investigator: Nyasha Magoche

Caboolture Hospital Investigators/Site Lead: Nyasha Magoche, Chee Y Lee, Steven Garrard, Jamil Ahmed

Background

This study aims to evaluate: 1) the occurrence of cardiovascular sequelae and 2) mortality of patients diagnosed with type 2 myocardial infarction in the period between 01 January 2012 and 30 June 2012.

Status Update

HREC approved for Low to Negligible Risk. Data collection and analysis completed.

Significance

The findings of subsequent outcomes and investigations on patients diagnosed with type 2 myocardial infarction may help guide how these patients are managed at the time of their type 2 myocardial infarction. Currently the management is left to the individual clinician’s discretion and optimum management remains uncertain for this condition that is associated with high mortality.

Outputs

Magoche, N. (2017, August). Cardiovascular outcomes after Type 2 Myocardial Infarction. A retrospective, single, centre, observational study at a regional teaching hospital. 65th Annual Scientific Meeting of the Cardiac Society of Australia & New Zealand, Perth, WA.
## Caboolture & Kilcoy Hospitals and Woodford Corrections Health Services Approved Research Projects

July 2016 – June 2017. Please note only full HREC research projects are listed below.

<table>
<thead>
<tr>
<th>HREC/SSA #</th>
<th>Investigator/Site Contact</th>
<th>Research Title</th>
<th>Stream</th>
<th>Affiliation/Collaboration</th>
</tr>
</thead>
<tbody>
<tr>
<td>HREC/16/QPCH/149 SSA/16/QNRC/46</td>
<td>Bernadette Watson Roxanne Machen</td>
<td>'Communication and Patient Safety' training for Caboolture and Kilcoy Hospital staff, and evaluation</td>
<td>Education and Training</td>
<td>University of Queensland</td>
</tr>
<tr>
<td>HREC/14/QRBW/177 SSA/16/QNRC/1</td>
<td>James Morong Mahil Ratnapala</td>
<td>A Comparative Study of In-Hospital Maternal Mortality Ratio (MMR) between the United States of America and Australia</td>
<td>Maternity</td>
<td>University of Queensland</td>
</tr>
<tr>
<td>HREC/16/QRCH/53 SSA/16/QNRC/47</td>
<td>Kerry-Ann O’Grady Helen Hine</td>
<td>A pragmatic, multi-centre, parallel design (1:1:1), open, randomised controlled trail to evaluate the effectiveness of a simple short message service (sms) vs tailored sms and home visiting compared to usual parent/carer practice to improve the uptake and timeliness of the primary immunisation series in marginalise children aged less than 7 months</td>
<td>Maternity</td>
<td>Children’s Health Queensland HHS</td>
</tr>
<tr>
<td>HREC/16/QPCH/37 SSA/16/QNRC/35</td>
<td>Rohan Grimely Theresa Green Leonie Giffney</td>
<td>Building efficient and equitable pathways to and though rehab in stroke</td>
<td>Rehabilitation</td>
<td>Sunshine Coast HHS</td>
</tr>
<tr>
<td>HREC/15/QRCH/244 SSA/16/QNRC/19</td>
<td>Richard Lister Shane Rebgetz</td>
<td>Can family based treatment for anorexia nervosa be effectively delivered thought video conferencing?</td>
<td>Mental Health</td>
<td>Children’s Health Queensland HHS</td>
</tr>
<tr>
<td>HREC/16/QPCH/34 SSA/16/QNRC/25</td>
<td>Tracey Comans Brooke Cowie</td>
<td>Discharge planning in public hospitals in Hong Kong and Australia: How does it work and how cost-effective is it?</td>
<td>Multi-disciplinary</td>
<td>Griffith University</td>
</tr>
<tr>
<td>HREC/16/QPCH/202 SSA/16/QNRC/57</td>
<td>Barbara Page Ian Yang</td>
<td>Efficiency and user satisfaction in the implementation of voice recognition software into clinical communications</td>
<td>Outpatients</td>
<td>Queensland Health</td>
</tr>
<tr>
<td>HREC/16/QTHS/107 SSA/16/QNRC/49</td>
<td>Robyn Aitken Virginia Skinner</td>
<td>Evaluating organizational cultural Competence in Maternity Care for Aboriginal and Torres Strait Islander Women</td>
<td>Maternity</td>
<td>Northern Territory Government</td>
</tr>
<tr>
<td>HREC/16/QTHS/107 SSA/16/QNRC/49</td>
<td>Melita Trout</td>
<td>Evaluating the educational environment in Queensland Intensive Care Units using the Postgraduate Hospital Educational Environment Measure</td>
<td>ICU</td>
<td>James Cook University</td>
</tr>
<tr>
<td>HREC/16/QRCH/60 SSA/16/QNRC/30</td>
<td>Anthony Herber Susan Johnson</td>
<td>Evaluating the impact of Paediatric Palliative Care Education Modules delivered to Health Professionals</td>
<td>Paediatrics</td>
<td>Children’s Health Queensland HHS</td>
</tr>
<tr>
<td>HREC/16/QRBW/215</td>
<td>Lisa Fawcett, Sarah Widin, Niall Higgins, Stephen Luke</td>
<td>Implementation of Safewards and the Brøset Violence Checklist to secure psychiatric rehabilitation units</td>
<td>Mental Health</td>
<td>The Royal Brisbane and Women's Hospital</td>
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<tr>
<td>HREC/15/QPCH/273</td>
<td>Megan Young, Mary Barnett</td>
<td>Improving rates of vaccination in pregnancy</td>
<td>Maternity</td>
<td>Metro South HHS</td>
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<tr>
<td>HREC/16/RCHM/84</td>
<td>Ed Oakley, Lisa Kane</td>
<td>Knowledge Translation in Australasian Paediatric Acute Care Settings: a multi-centred, cluster, randomised controlled trial comparing a tailored, theory informed Knowledge Translation intervention versus passive dissemination of a bronchiolitis guideline</td>
<td>Emergency and Paediatrics</td>
<td>Murdoch Childrens Research Institute</td>
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<tr>
<td>HREC/10/QRCH/16</td>
<td>Keith Grimwood, Minda Sarna</td>
<td>Observational research in childhood infectious diseases study</td>
<td>Paediatrics</td>
<td>Children's Health Queensland HHS</td>
</tr>
<tr>
<td>HREC/16/QRBW/485</td>
<td>Adrienne Young, Alison Mudge, Ruth Hubbard</td>
<td>Older person friendly hospital: understanding barriers and enablers to care of older people in Brisbane hospitals</td>
<td>Aged Health Care</td>
<td>Queensland Health</td>
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<tr>
<td>HREC/16/QRBW/27</td>
<td>Susan Patterson, Kylie Garrick</td>
<td>Optimising delivery of group based interventions in Public Mental Health Services</td>
<td>Mental Health</td>
<td>Griffith University</td>
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<tr>
<td>HREC/16/QRCH/275</td>
<td>A/ Prof Raymond Chan, Louisa Gordon, Raymond Chan</td>
<td>Queensland Nurse Navigator Program Evaluation Pilot Study</td>
<td>Multi-disciplinary</td>
<td>Queensland University of Technology</td>
</tr>
<tr>
<td>HREC/16/QPCH/362</td>
<td>Nyasha Magoche, Jamil Ahmed</td>
<td>Retrospective study of cardiovascular outcomes after Type 2 Myocardial Infarction at a peripheral hospital – 4 year follow-up</td>
<td>Multi-disciplinary</td>
<td>Queensland Health</td>
</tr>
<tr>
<td>HREC/16/QPCH/138</td>
<td>Mridula Mokoonlall, Henry Marshall</td>
<td>Smoking behaviour among Metro North Hospital and Health Services (MNHSS)</td>
<td>Medicine</td>
<td>The Prince Charles Hospital</td>
</tr>
<tr>
<td>HREC/15/QPCH/283</td>
<td>Annabel Hickey, Vicki Tilby, Freya Huebler</td>
<td>Telephone peer mentoring program for patients with chronic heart failure</td>
<td>Nursing</td>
<td>Queensland Health</td>
</tr>
<tr>
<td>HREC/16/QPAH/15</td>
<td>John McGrath, George Bruxner</td>
<td>The efficacy of adjunctive Garcinia mangostana Linn for the treatment of Schizophrenia: a 24 week double-blind, randomised, placebo controlled trial</td>
<td>Mental Health</td>
<td>University of Queensland</td>
</tr>
<tr>
<td>HREC/15/QPCH/91</td>
<td>Mary Fenech, Carol Windsor</td>
<td>The role of the Nurse Practitioner in a large Tertiary Facility: A critical Ethnography</td>
<td>Nursing</td>
<td>Queensland University of Technology</td>
</tr>
<tr>
<td>HREC/16/QPCH/137</td>
<td>Mark Scott</td>
<td>The Value of Avoiding the Pain of IV Failure: Using willingness-to-pay to establish patient preferences for peripheral intravenous catheter securement in an Australian ED</td>
<td>Emergency Medicine</td>
<td>Emergency Medicine Foundation</td>
</tr>
</tbody>
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# Additional Active and/or Completed Research Projects

July 2016 – June 2017  *Please note only full HREC research projects are listed below.*

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<thead>
<tr>
<th>HREC/SSA #</th>
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<th>Research Title</th>
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</thead>
<tbody>
<tr>
<td>HREC/13/QPCH/200</td>
<td>Susan Patterson Anand Choudhary</td>
<td>An investigation of the current practice, and expectations of specialist mental health services in relation to monitoring and managing the physical health of people using their services</td>
<td>Mental Health</td>
<td>Metro South HHS</td>
</tr>
<tr>
<td>SSA/17/QNRC/47</td>
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</tr>
<tr>
<td>HREC/15/QRBW/95</td>
<td>Alison Mudge Ian Borthwick</td>
<td>Collaboration of Hospitalised Elders: Reducing the Impact of Stays in Hospital (CHERISH)</td>
<td>Geriatrics</td>
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<td>HREC/14/QPCH/30</td>
<td>Brooke Cowie</td>
<td>Development and validation of a high level language screening tool for acute stroke populations</td>
<td>Speech Pathology</td>
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<td>HREC/15/QNRC/356</td>
<td>Helen Edwards</td>
<td>Effectiveness of a Gynaecology Physiotherapy Screening Clinic (GPSC) in improving health outcomes and access to care for women on gynaecology outpatient waiting lists</td>
<td>Physiotherapy</td>
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<td>HREC/14/QPCH/242</td>
<td>Anne Clayton</td>
<td>Evaluating Service Delivery Changes to Improve the Timing of Hospital Admission in Labour</td>
<td>Obstetrics and Gynaecology</td>
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<td>HREC/17/QRBW/9</td>
<td>Nina Meloncelli Susan de Jersey Adrian Barnett</td>
<td>Examining the management of gestational diabetes mellitus</td>
<td>Obstetrics and Gynaecology</td>
<td>Queensland University of Technology</td>
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<td>HREC/16/QPCH/314</td>
<td>Swarada Kotkar</td>
<td>Exploring the awareness of clinical coding amongst junior medical workforce</td>
<td>Medical Education</td>
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<td>HREC/13/QRCH/93</td>
<td>Prasanna Shirikhedkar</td>
<td>High Flow Nasal Cannula Treatment for Viral Bronchiolitis, a Randomised Controlled Trial</td>
<td>Paediatrics</td>
<td>University of Queensland</td>
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<td>HREC/13/QPAH/601</td>
<td>Suzanne Chambers Boris Strekозов</td>
<td>Improving access to psychological services for people with cancer: A randomised controlled trial of an interactive web-based intervention</td>
<td>Cancer</td>
<td>Griffith University</td>
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<td>HREC/15/QRBW/40</td>
<td>Susan Patterson Anna Praskova</td>
<td>Increasing efficiency of randomised controlled trials: comparative case studies to optimise recruitment in mental health and cancer care</td>
<td>Mental Health</td>
<td>Queensland Health - Cancer Care</td>
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<td>Ben Lawton Peter Snelling</td>
<td>PRE-Scripted debriefing for Paediatric simulation associated with resuscitation education</td>
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<td>Children’s Health Queensland HHS</td>
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<td>Susan Patterson Jordan Duncan</td>
<td>Promoting sustainable engagement: a mixed methods study of the worklives, engagement and health of operational, administrative and support staff working in mental health</td>
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<td>HREC/14/MHS/20 SSA/15/QNRC/33</td>
<td>Michael Beckmann Mahilal Ratnapala</td>
<td>Prostaglandin Inpatient Induction of labour Compared with BALLOon Outpatient Induction of labour: a randomised controlled trial (The PINC BALLOON study)</td>
<td>Obstetrics and Gynaecology</td>
<td>Mater Hospital</td>
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<td>HREC/16/QRBW/410 SSA/17/QNRC/20</td>
<td>Christopher Freeman Holly Foot Timothy Dunn</td>
<td>Reducing Medical Admissions Into Hospital through Optimising Medicines: A model of general practitioner and pharmacist collaboration (The REMAIN HOME study)</td>
<td>Pharmacy</td>
<td>University of Queensland</td>
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<td>HREC/14/QRCH/111 SSA/15/QNRC/4</td>
<td>Margaret McElrea Alex Toth</td>
<td>Reference values for spirometry and fractional exhaled nitric oxide (FeNO) in Aboriginal and Torres Strait Island children and young adults</td>
<td>Paediatrics</td>
<td>Queensland Health</td>
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<td>HREC/12/QGC/189 SSA/14/QNRC/33</td>
<td>Anthony Bell Chris Johnstone</td>
<td>State-wide Workforce and Activity-Based Funding (ABF) Modelling for Queensland Emergency Departments</td>
<td>Emergency Medicine</td>
<td>Queensland University of Technology</td>
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</table>

**Conference Presentations**

Completed or accepted conference, seminar, and workshop presentations involving Caboolture & Kilcoy Hospitals and Woodford Corrections Health Service staff between June 2016 to July 2017


Magoche, N. (2017, August). *Cardiovascular outcomes after Type 2 Myocardial Infarction. A retrospective, single, centre, observational study at a regional teaching hospital.* 65th Annual Scientific Meeting of the Cardiac Society of Australia & New Zealand, Perth, WA.


Grants

The following were the recipients of research grants between July 2016 and June 2017

<table>
<thead>
<tr>
<th>Project title</th>
<th>Chief Investigator</th>
<th>CH Investigators</th>
<th>Granting Agency</th>
<th>Total Funding Awarded</th>
<th>Grant Type</th>
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<tr>
<td>Effectiveness of a Gynaecology Physiotherapy Screening Clinic (GPSC) in improving health outcomes and access to care for women on gynaecology outpatient waiting lists</td>
<td>Helen Edwards</td>
<td>Helen Edwards</td>
<td>Health Practitioner Research Scheme</td>
<td>$21,448</td>
<td>Novice Research Grant</td>
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<td>A randomised controlled study to evaluate an integrated care pathway for children with chronic conditions – connecting the dots in healthcare provision</td>
<td>Thuy Frakking</td>
<td>Thuy Frakking</td>
<td>Allied Health Professions of Queensland (AHPOQ)</td>
<td>$152,704</td>
<td>Research Grant</td>
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<td>The value of avoiding the pain of IV catheter failure</td>
<td>Mark Scott</td>
<td>Mark Scott</td>
<td>Emergency Medicine Foundation</td>
<td>$30,550</td>
<td>Staff Specialist Grant</td>
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Publications

Caboolture & Kilcoy Hospitals Affiliated Publications between July 2016 to June 2017


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<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal</th>
<th>DOI</th>
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In the News

MNHHS-Research Staff Bulletin and Caring Together Newsletter Research Highlights

IV Lines evaluation on the way

IV Lines (also) are the most common medical procedure in our hospital. However, within ten days up to 60% need replacing.

Words from the Caring Together Team winner – Research Development Unit

On behalf of our little team, both past and present, I would like to say a very heartfelt thank you for what was a truly surprising and humbling acknowledgement at the Caring Together Excellence Awards.

It is YOU, our Caboolture, Kilcoy & Woodford Staff, and your tireless efforts and clinical insights that have reached such a wonderful target – we are grateful to have the opportunity to enable such a positive research culture which allows you to shine.

We look forward to working with you to grow and build research, and in turn nominate many of you next year and celebrate your collective research excellence.
Caboolture research trial to shape future of health care for kids

Researchers at Caboolture Hospital will undertake a vital research trial aimed at shaping the future of health care for Caboolture children.

As part of the Child and Adolescent Health Service, Caboolture Hospital is acutely aware of the importance of early intervention and the need to provide high-quality care for children and their families. This research trial is an opportunity to address these needs and improve outcomes for children with complex health conditions.

The research trial will involve children with chronic diseases and their families, and will focus on improving communication and education for both patients and their families. This will help to ensure that children receive the best possible care and support, and that their families are able to navigate the healthcare system with confidence.

The trial will be led by Dr Uzo Dibia, Staff Specialist at Caboolture Hospital, who has experience in working with children with complex health conditions.

The research trial will be funded through a joint partnership between Caboolture Hospital, the Caboolture Child and Adolescent Health Service, and the Child and Adolescent Health Service in Ipswich.

Further information about the research trial can be found here.