

Hawke's Bay Clinical Research Committee

Annual Report 2015



Te Aho a Māui





The Hawke's Bay Clinical Research Committee (HBCRC)

The role of the HBCRC is to help ensure appropriate governance of all health and disability research being undertaken within the public health sector in Hawke's Bay. It does this by maintaining an overview of all such research and providing strategic and operational advice to the Hawke's Bay Clinical Council.

It seeks to promote and ensure good clinical and ethical practice in health and disability research across primary, community, hospital, educational and training services within the public health sector in Hawke's Bay.

The Committee membership in 2015 included representatives of the Hawke's Bay District Health Board (HBDHB), Health Hawke's Bay (the HB Primary Health Organisation), Eastern Institute of Technology (EIT), University of Otago and Hawke's Bay Medical Research Foundation (HBMRF).

			
John Gommans Clinical Council & Chair	David Barry HBMRF	Andi Crawford Allied Health	Nicola Ehau Health Hawke's Bay
			
Sharon Mason COO, HBDHB	Diana Schmid Clinical Trials	Sally Houliston HBDHB Clinical Research/Nursing	Susan Jacobs EIT
			
Carol McAllum University of Otago	Justin Nguma Māori Health		

Message from the Chair

Dr John Gommans. General Physician and Chief Medical Officer – Hawke's Bay Hospital

I welcome you to the second annual report of the Hawke's Bay Clinical Research Committee.

The primary aim of the HBCRC is to ensure appropriate governance of all health and disability research being undertaken within the public health sector in Hawke's Bay. It does this via its regular oversight of this activity and reports to the Clinical Council. HBCRC reports on research activity are available via the website;

http://www.hawkesbay.health.nz/page/pageid/2145884116/Hawkes_Bay_Clinical_Research_Committee

The HBCRC also aims to promote clinical research activity and the sharing of local expertise and experience within Hawke's Bay as clinical research has benefits for the researchers and the local community.

- Research, audit and associated external review activities help assure us regarding the quality of services delivered locally, adherence to best practice guidelines and dissemination of evidence based medicine, which enhances the care of all.
- Clinicians engaged in research gain skills, broaden their understanding, and develop links into regional, national and international clinical networks, which enhances the capability and morale of the individuals involved and the health workforce in general.
- The ability to participate in research helps attract clinicians with academic interests to Hawke's Bay.

I would like to acknowledge the willing contribution of all Committee members who freely gave of their time, energy and enthusiasm, reflecting their passion for clinical research.

Achievements in 2015

The Clinical Research Forum:

A particular highlight of the committee's work has been the ongoing success of our regular Clinical Research Forum, initially established in 2014 (see under Events for 2015 details). These continue to be well supported by local researchers and provide an opportunity for researchers to discuss the results of their research and to share with their colleagues what they have learnt in the process. All presenters have freely and willingly given of their time and expertise, and the degree of audience engagement in both the formal question and answer sessions and the informal conversations that follow.

The Annual Report:

In April 2015 the first Annual Report (for 2014) of the HBCRC was published providing a summary of the Committee's work during its inaugural first year of existence.

Other activity:

During 2015 the Committee investigated the possibility of establishing a formal 'Friends' network (of Research and the HBCRC) and/or peer groups of like-minded researchers. However, on balance we decided that the small potential gains above those achieved by our informal networks via the Research Forum and the Committee's coordination of activity across the sector did not justify the additional resources required to administer more formal networks.

During 2015 the Committee also explored the feasibility of collating a list of all publications by Hawke's Bay Researchers, which could be included in the annual report. Much of this work is already reported separately via the various participating organisations e.g. EIT, HBMRF and University of Otago. This possibility is still under investigation by the Committee.

A potential annual HBCRC award for excellence in research also remains under discussion. Issues include potential links with the Hawke's Bay Health Awards, whether a single award or categories would be appropriate, when and how nominations/applications could be called and selection criteria.

Looking Forward

The Committee's goals for 2016 include:

- Continuing to fulfil our obligations regarding governance of all health and disability research being undertaken within the public health sector in Hawke's Bay
- Building on the successes of 2014 and 2015 including continuation of the Clinical Research Forum and publication of an Annual Report.
- Investigating the feasibility of collating a list of all publications by Hawke's Bay Researchers to be included in the annual report
- Reviewing options for an annual HBCRC award for excellence in research.

We welcome feedback from researchers and the local community – what do you expect of or want from the Committee and/or from the local clinical research community?

Susan Jacobs, RN, PhD - Dean, Faculty of Education, Humanities and Health Science, EIT

I am honoured to represent EIT on the HB Research Committee. Interactions with students, curricula and staff provide me with frequent reminders of the benefits of education for well-being.

Research highlights for the past year include the 2nd annual ITP Research Symposium hosted by the School of Health & Sport Science at which twenty community health research projects from around NZ were presented.

EIT's Master of Health Science saw seventeen students commencing their thesis in 2015, and a further five are starting their research journey in 2016.

The PATU project continues to grow, attracting positive media attention. The PATU research team lead by Associate Professor Rachel Forrest had a busy 2015 with several national and international research presentations to a range of interdisciplinary audiences:

Conference presentations (presenter underlined):

- Sue Chapman, Rachel Forrest, Lee-Anne Taylor, (2015). *'U' come before the 'i' in the PATU© community: Creating a healthy environment for Māori using a community based gym approach adhering to cultural wellbeing and inclusivity*. ISSA 2015 World Congress of Sociology of Sport, June 9-12, 2015 in Paris, France.
- Jennifer Roberts, Rachel Forrest, Lee-Anne Taylor, Sue Chapman, Levi Armstrong (2015). *PATU up! Fighting Maori Health Inequities*. Public Health Association Conference 2015, Dunedin – September 7-9
- Jennifer Roberts, Levi Armstrong (2015). *Evaluating the PATU© model - Promoting health and whanaungatanga*. NZNO Indigenous Nurses Hui, Auckland, 7-8 August 2015
- Lee-Anne Taylor, (2015). *Fighting Maori health statistics PATU style*. New Zealand ITP Sports Research Symposium, Bay of Plenty, February 2015
- Chapman, S. (2015). *HIT them when they're down: Developing a holistic, community-based approach for healthy living for Māori in the Hawke's Bay*. New Zealand ITP Sports Research Symposium, Napier, October 2015
- Rachel Forrest, Lee-Anne Taylor and Levi Armstrong, *PATU Up! Fighting fat to be fighting fit: The Hinu Wero*. Hawke's Bay Clinical Research Symposium: Engaging Community Research, Hastings, Nov 2015
- Sue Chapman, Jennifer Roberts, and Donna Foxall, *Measuring Hauora Māori: The Meke Meter*. Hawke's Bay Clinical Research Symposium: Engaging Community Research, Hastings, Nov 2015
- Taylor, L., Armstrong L. (2015) *Patu Aotearoa for the people*. Physiotherapy New Zealand: Hawke's Bay Branch AGM, Hastings, New Zealand
- Forrest, R., Taylor, L., Roberts, J., Pearson, M., Foxall, D., & Chapman, S. (In press). PATU©: Fighting fit! Fighting Fat! The Hinu Wero approach. Submitted to *Alternative*.

The New Zealand-Australia research project investigating opportunistic identification of skin lesions by non-medical professionals is an on-going project led by Associate Professor Clare Harvey and partially funded by the Hawke's Bay Medical Research Foundation.

We are appreciative of the support of, and interactions with the wider Hawke's Bay research community. The HB Clinical Research Committee is an important part of that network.

Hawke's Bay Medical Research Foundation (HBMRF)

David Barry – QSO FRCP FRACP DCH, HBMRF

The HBMRF is a registered Charity founded in 1961 to “promote, initiate and support research in all health related fields including medical and health education, knowledge and understanding.

The Foundation is particularly interested in promoting research relevant to, and carried out by, Hawkes Bay people.

2015 saw the retirement of long serving President Andrew Wares and his replacement by Kirsten Westwood. Andrew's valuable contribution was acknowledged as is his continuing support and advice.

The Foundation's Annual report noted research funded but not yet completed;

- Talking to Babies in a Neonatal ICU-verbal soothing
- How do those with multiple long term conditions manage
- Teaching in the Clinical setting of Intensive Care
- Characterisation of N.gonorrhoeae resistant to Ceftriaxone
- Human Papilloma Virus and Oropharyngeal Carcinoma
- Persistent leptospirosis infection symptoms in NZ
- Fighting for Maori Health-The PATU initiative
- Pre-diabetes intervention package in primary care (PIP)
- Hypoglycaemia prevention in new-borns with oral Dextrose

More detailed Reports were as follows;

- Andi Crawford, Examining the neuropsychological profiles of children who have pre-natal alcohol exposure.
- Lyn Wiffin, Physical Healthcare of People with Serious Mental Illness (SMI): The Role of the Community Mental Health Nurse.
- Bernice Gabriel, An Analysis of the mechanisms of change in families participating in the Fostering Security Training Programme for caregivers.
- Cameron Grant, Perinatal Vitamin D status, childhood respiratory infections and food allergy: A validation study.
- The University of Auckland, The Vitamin D study is part of a major longitudinal study called “Growing up in NZ” (GUINZ).

The Foundation was able to provide \$45,000 for Research in 2015, a considerable advance on last year. More detailed Information about the HBMRF can be found at www.hbmr.org.nz

Dr Carol McAllum – Associate Dean Undergraduate Studies

The University of Otago has several regional campuses – including Hawke’s Bay. While the principal role of the Hawke’s Bay campus is providing clinical experience and training for physiotherapy, dietetic and final year medical students, participation in research is another vital activity.

The University of Otago Wellington Associate Dean is working with the other Regional Associate Deans of the University of Otago to enhance its profile to support clinicians who have a research interest or project. A significant role of the Associate Dean is to facilitate research in the Hawke’s Bay DHB. It is acknowledged that the challenges of undertaking research in the setting of the delivery of acute health services are many. The University can assist with process, grant applications as well as the detail of methodology, analysis and academic rigour.

These resources are available for people affiliated with the University or for those wanting to work in partnership. The Researchers’ Toolkit is available at <http://www.otago.ac.nz/wellington/research/tools/>

Based in the Wellington campus is Christine Groves who is one of the research advisors and the first point of contact for us. Christine’s email is Christine.groves@otago.ac.nz and her phone number is 04 918 6855.

Contact details for others in the University of Otago Research and Enterprise office are available via this link <http://www.otago.ac.nz/research/contacts/>.

DHB CTRU Research

Diana Schmid, Coordinator – Research. RN and Manager Clinical Trials Research Unit

The Clinical Trials Research Unit (CTRU) was established within Hawke’s Bay Hospital in 1998. The unit is based in Villa Two at Hawke’s Bay Hospital and is responsible for the management and coordination of clinical trials conducted within the Medical Service. The unit also provides advice and support to clinicians in other hospital services who are interested in starting clinical trials research. The Chief Medical Officer (Hospital) is the Director of this unit, and the Research Coordinator manages the operational requirements and is supported by experienced research nurses.

Clinical trials conducted over the past 18 years have covered a wide range of clinical indications including acute coronary syndromes, stable & unstable angina, atrial fibrillation, heart failure, hypertension, hyperlipidaemia, stroke, diabetes, osteoporosis, ulcerative colitis, Crohn’s disease, C Difficile infection, irritable bowel syndrome, rheumatoid arthritis, obesity, respiratory syncytial virus and hypoglycaemia prevention in high risk newborn babies.

Staff within the CTRU are proud of their achievements in all areas of trial participation. Hawke’s Bay Hospital has a reputation both nationally and internationally as a site which maintains high standards in protocol adherence, patient recruitment & retention and data quality. We have undergone three external audits and received very positive feedback on each occasion with no major findings.

Currently there are 11 trial investigators actively involved in the conduct of 11 ongoing clinical trials covering cardiology, endocrinology, gastroenterology, rheumatology and paediatrics.

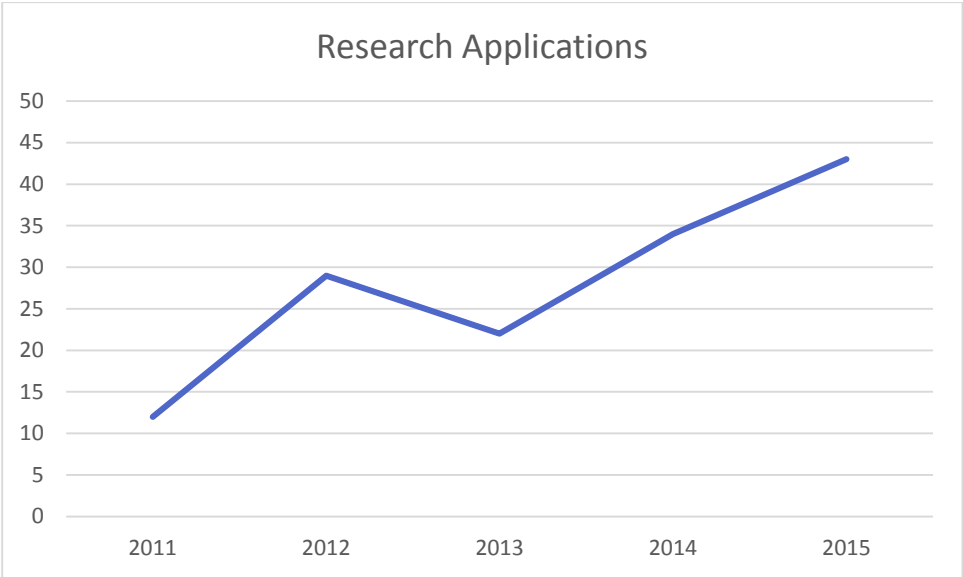
The future of clinical trials in New Zealand and Hawke’s Bay is reassuring, with many sponsors and clinical research organisations contacting us regularly to invite our physicians to participate in new trials. However, our capacity is limited by resources and increasing clinical demands.

DHB Nursing and Clinical (non CTRU) Research

Sally Houlston, Nurse Consultant Workforce Development, HBDHB

The coordination of locality review and authorisation for research being conducted within HBDHB (excluding clinical trials managed by the CTRU) continues to be managed by Sally Houlston, Nurse Consultant Workforce Development (as delegated by the CEO/CMO/CNO). Locality review is the process by which a locality (in this case HBDHB) assesses its suitability for the safe and effective conduct of a study. If a locality is satisfied that this is the case, it authorises the study. This relates to research which involves consumers of our health service and / or our employees.

In 2015, 43 research applications were granted locality approval, a significant increase again from previous years. Since 2011, there has been a substantial increase in registered research activity within the DHB.



The research ranges from large Health Research Council funded, multi-site studies (often being conducted via Universities) to individual research projects for academic purposes at either Master or PhD level.

Information about HBDHB processes and application forms locality authorisation can be viewed on either the HBDHB external website or on the research page on the DHB intranet 'Nettie'

Events

Research Forum – April 2015

For the April Forum the HBCRC were fortunate to secure International and National researchers Dr Christina Vogel, Senior Research Fellow, MRC Lifecourse Epidemiology Unit, University of Southampton and Caroline Gunn, Research Fellow, Liggins Institute University of Auckland to present and discuss their work on nutrition, and the health of women and young children in the community. This topic attracted a wide variety of attendees from the community and hospital, and across various disciplines including public health, dieticians, nurses, midwives and doctors. The broad ranging topics ensured a very engaged audience with a very active Question and Answer session followed by informal conversation over light refreshments.

Speakers:

- **Christina Vogel**
What effect does the local food environment have on the dietary behaviours of mothers with young children?
- **Caroline Gunn**
Gravida's Healthy Start Workforce Project

Research Forum – November 2015

The November forum celebrated local community-based research with a focus on engaging effectively with groups that are traditionally perceived as 'hard to reach'. The audience was treated to research with a difference particularly from the PATU group; again with lively engagement with the audience during Q&A and the subsequent informal conversations.

Speakers:

- **Bobbie Cameron**
"What factors influence Community Nurses providing outreach services to successfully engage underserved populations?"
- **Rachel Forrest, Lee-Anne Taylor and Levi Armstrong**
PATU Up! Fighting fat to be fighting fit: The Hinu Wero
- **Sue Chapman, Jennifer Roberts, and Donna Foxall**
Measuring Hauora Māori: The Meke Meter

"The highlight for me in the past year was the presentation of the collaborative research done by Patu and EIT on Patu's programme to engage Maori through group exercise. The programme is inspirational and the use of the meke meter shows real innovation. I am looking forward to continuing research showing the benefits of this whanau ora approach."

*Graeme Norton,
Consumer Council Chair*