

Metro North Hospital and Health Service *Putting people first*

RESEARCH IN METRO NORTH

MARCH 2018



WHO

ARE OUR
RESEARCHERS
IN METRO
NORTH?

WHAT

AREAS ARE
WE WORKING
IN?

Across Metro North,
we have over 1,500
staff members
who are leading or
directly involved in
conducting research.

APPROX. 10% OF
METRO NORTH CLINICAL
AND SCIENTIFIC STAFF



Research is undertaken in all clinical
fields by all disciplines across MNHHS.

Much of the work is collaborative across fields and disciplines
and is truly multi-disciplinary in its scope. Many projects involve
more than one site within MNHHS.

Internationally renowned fields of research include:



Intensive
Care



Thoracic
Medicine



Haematology and
Medical Oncology



Infectious
Diseases



Gastroenterology



Internal
Medicine



Perinatal and
Obstetric Medicine



Anaesthetics



Orthopaedics



Cardiology



Renal
Medicine



Mental
Health



Emergency
Medicine



Neurology



Nursing
Research



Allied Health
Research



HOW MANY CLINICAL RESEARCH PROJECTS?

THERE ARE OVER

1,300 
**RESEARCH
PROJECTS**

CURRENTLY UNDERWAY
ACROSS METRO NORTH

OF THIS, THERE ARE OVER

390 CLINICAL
TRIALS

underway – including three
first-in-man clinical trials,
over 100 drug trials and
30 new devices.

DRUG AND DEVICE CLINICAL
TRIALS ARE UNDERTAKEN
ACROSS THE ENTIRE RANGE
OF CLINICAL TRIAL PHASES
(FIRST IN MAN PHASE I-IV),
WITH A CONCENTRATION OF
PHASE II AND III STUDIES.
THE CLINICAL TRIALS SPAN
THE COMPLETE SPECTRUM OF
THERAPEUTIC AREAS AND ARE
UNDERTAKEN AT RBWH, TPCH,
CABOOLTURE AND REDCLIFFE.

PROJECTS UNDERWAY AT
METRO NORTH INCLUDE

400 HEALTH
RESEARCH
PROJECTS

540 CLINICAL
RESEARCH
PROJECTS

OVER 1,400
PUBLICATIONS

CO-AUTHORED PAPERS
IN OVER 65 COUNTRIES

54 SYSTEMATIC
REVIEWS

9 PUBLISHED IN THE
COCHRANE DATABASE OF
SYSTEMATIC REVIEWS

WHO DO WE PARTNER WITH?

LOCAL HEALTH
PARTNERS:
MSHHS, CHQ,
SCHHS, MATER HS,
PATHOLOGY QLD

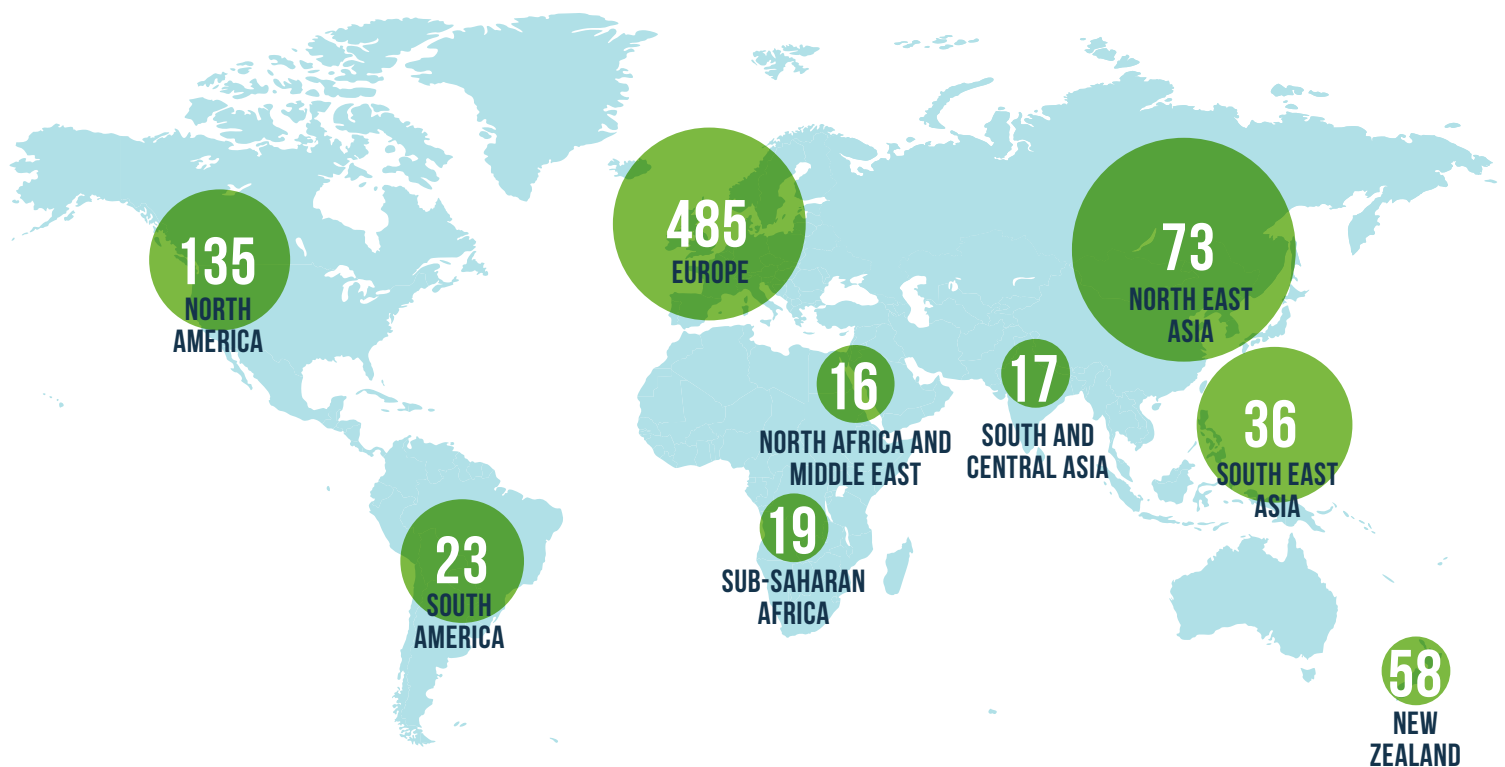
INSTITUTION
PARTNERS:
UQ, QUT, QIMRB, TRI,
CSIRO, ACU, GRIFFITH,
SCU, CQU

Metro North is one of 10 partners in the Brisbane Diamantina
Health Partnership.

Extensive partnerships both nationally and internationally
with leading Medical Research Institutes, Universities,
industry, commercial sponsors, specialist societies and not
for profit partners.

INTERNATIONAL RESEARCH ENGAGEMENT*

* Numbers of publications with co-authored collaborators in 2017.



EXEMPLAR CLINICAL TRIALS

The following are examples of clinical trials and trial programs, both investigator-led and industry-sponsored:

- **Mental Health:** Royal Brisbane and Women's Hospital Mental Health investigators are assessing neuro-inflammation and degeneration in people at high risk of or who have experienced their first episode of psychosis.
- **Cystic Fibrosis:** Researchers from The Prince Charles Hospital Adult CF Centre have participated in novel modulator trials to address the underlying cause of CF.
- **Coeliac Disease:** Gastroenterologists at The Prince Charles Hospital are coordinating a multi-centre clinical trial to test the safety of sustained and escalating gluten challenges in people with coeliac disease.
- **Intensive Care:** Researchers from Metro North are leading the BLING 3 international study to test the optimal dose of beta-lactam antibiotics for sepsis in 7,000 patients across up to 100 intensive care units.
- **Malaria:** Royal Brisbane and Women's Hospital and QIMR Berghofer researchers are testing the safety and tolerability of a potential antimalarial drug in healthy adult participants.
- **Cardiology:** Cardiologists at The Prince Charles Hospital are trialling new drugs and devices with a focus on the impact on clinical and quality of life outcomes of percutaneous delivery.
- **Headaches:** Emergency medicine researchers at Redcliffe Hospital are investigating the safety and effectiveness of intravenous propofol for refractory migraine-like headaches.

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