From: NH Research
Subject: Northern Health Research Digest Issue #44 14 SEP 2026
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Issue #44

RESEARCH DIGEST ISSUE #44

September 14th 2026

September Research Grand Round Event

APAS MSHKS 2026 Meeting

Congratulations to **Zachary Wong**, final Year Medical Student at Monash University, on achieving 2nd Place in the Free Paper Award at the Asia Pacific Arthroplasty Society (APAS) and MSHKS 2026 Meeting, held in Kuala Lumpur from 26-29 August 2026.

Zachary was recognised for his presentation, “Acetabular Polar Gaps After Cementless Total Hip Arthroplasty: Incidence, Natural History, and Clinical Significance”, NH project supervised by Mr Saeed Asadollahi. This outstanding achievement highlights the quality of research being undertaken in collaboration with Northern Health and reflects Zachary's dedication to advancing evidence-based orthopaedic practice.

Congratulations to Zachary and his team on this wonderful recognition.

August Research Grand Round: University of Melbourne Student Research Award Presentations & Showcase 2026

Congratulations to all students selected to present their research and showcase their work to the Northern Health community.

Voting for the People's Choice Award is now open and closes on 30 September.

Vote here

Watch the full recording here

Northern Health Library Education and Training
Choosing the right statistical test (Online Session)

Choosing the right statistical methods can feel overwhelming when undertaking a research project. This introductory session provides an overview of common statistical tests and a simple approach to selecting the most appropriate one to use for your data and research question.

Date: Wednesday 30th September 2026 – 11:00 am – 12:00pm

Presenter bio:
Dr Mani Suleiman is a Clinical Biostatistician who joined Northern Health in August 2023. With a background in research, data analytics and statistical consulting, he provides biostatistical support across a wide range of research activities at Northern Health.

This session covers:

- Different types of variables and basic data exploration, Commonly used tests in clinical and health research Choosing appropriate statistical methods.
- This session is suitable for anyone with little or no prior statistics experience.
- It will not turn you into a statistician, but it will help you feel more confident approaching and working with a statistician on your research project.

Please note: Session will not be recorded.

Register Here

Good Clinical Practice (R3) Nudge

Quality by Design: What Has Changed from E6(R2) to E6(R3)?

The move from ICH E6(R2) to E6(R3) represents a shift in how quality is approached in clinical trials. Under E6(R2), quality management often focused on extensive oversight, detailed documentation, and identifying errors through monitoring and verification. R2 introduced important concepts such as risk-based monitoring, sponsor oversight and data integrity requirements, but in practice, monitoring could still rely heavily on extensive checks and Source Data Verification.
E6(R3) takes a more proactive approach through Quality by Design. Rather than trying to identify problems after they occur, quality should be considered and built into the trial from the outset.
This means identifying the Critical to Quality Factors that are most important to participant safety and reliable results and then designing appropriate processes to protect them.

Key principles include:

- Identifying what is critical to quality
- Assessing risks to those factors
- Applying proportionate oversight and monitoring
- Prioritising critical data rather than checking everything equally
- Involving patients and investigators in study design
-

For example: In a neurological study, seizure frequency and serious adverse events may be critical to quality factors requiring close oversight and verification. Secondary measures, such as cognitive test scores, may be more appropriately monitored through central review and trend analysis.

The key message is: R2 focused on managing risk, R3 places greater emphasis on designing quality into the trial from the beginning.

Research and clinical trials now on the Safer Care Victoria website

Safer Care Victoria has launched refreshed **research and clinical trials webpages**, bringing together updated information, tools and resources to support research and clinical trials across Victoria.

Explore the research and clinical trials pages

Research Hub Updates: Introductory Guide to REDCap

New to REDCap or looking for helpful tips when building your research database? Our **Introductory Guide to REDCap** provides practical guidance, useful formulas, and best-practice tips for researchers creating REDCap projects.

Access the guide via the Research Hub
Research Hub > Tools, Templates and Forms > Introductory Guide to REDCap_v2.pdf or click on the link below.

Access Full Guide here

LAMP Project - A COVID Research Study – Call for Participants

RMIT UNIVERSITY

Are you over 18?

Do you live in Australia?

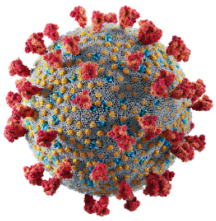
Have you had COVID-19, or were you a close contact?

Do you still have ongoing symptoms after COVID-19?

Researchers at RMIT University invite you to participate in an exciting government-funded project exploring the impacts of post COVID-19 condition, often known as Long COVID, on diverse populations in Australia.

Eligible participants will be invited to complete a survey every 3-6 months for 2 years.

Participants completing annual surveys will receive up to a $100 supermarket voucher as appreciation.



If you are interested, please scan the QR code to find out if you are eligible.

Join us in this important research!

For further information, please contact:
longcovidstudy@rmit.edu.au

RMIT University is running a government-funded study on the impacts of Long COVID across Australia, and is seeking participants.

If this applies to you — or someone you know — Scan the QR code to check eligibility.

Northern Health Publications

Publications are selected from strongly Northern Health-led research at the discretion of RDGU Office.

- Johnson ER, Edvardsson K, Hutton J, Hooker L, Pike B, Pokharel B, Moulton JE, Jessup RL. Family, Domestic and Sexual Violence Presentations to a Virtual Emergency Department: A Retrospective Cohort Study. Emerg Med Australas. 2026 Aug;38(4):e70316. doi: 10.1111/1742-6723.70316. PMID: 42538126; PMCID: PMC13427619.
- Howard T, Owens L, De Silva HM, Lowen D, Bird D, Hodgson R. Cost-Effectiveness of Laparoscopic Common Bile Duct Exploration Versus Endoscopic Retrograde Cholangiopancreatography in Emergency Stone Management. ANZ J Surg. 2026 Aug 10. doi: 10.1111/ans.70907. Epub ahead of print. PMID: 42575710.
- Tan SC, Capurro D, Pilcher D. The impact of socio-economic status on outcomes after unplanned intensive care unit admissions in Australia: a retrospective observational cohort study. Crit Care Sci. 2026 Aug 7;38:e20260417. doi: 10.62675/2965-2774.20260417. PMID: 42585385.

If you would like to feature any items on the Research Digest, Please contact us.

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