



Royal Brisbane and Women's Hospital

RBWH Research Report 2025

Medical Services

Metro North
Health



Queensland
Government



Metro North Health acknowledges the Traditional Custodians of the Land upon which we live, work and walk, and pay our respects to Elders both past and present.

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For more information, contact:

RBWH Research Services, Metro North Hospital and Health Service, Level 8, Block 7, Herston QLD 4029, email RBWH_Research_ESO@health.qld.gov.au

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Research highlights



Associate Professor Mark Mattiussi
Chief Medical Officer and Director Medical Services
Medical Services

2025 has seen the RBWH Medical Services team continuing research in high impact areas for clinical governance and patient safety, management of the deteriorating patients and ongoing evidence-based management of the medical workforce.

The COMFORTER Study, led by Dr Anthony Batterbury, supporting decision making for patient placement following acute deterioration and Making Hand Hygiene Impossible Not to Do, led by Dr Kate McCarthy and team, applying design thinking methodology to improve medical officer hand hygiene, have been progressing well in 2025.

RBWH Medical Services has ongoing work in the areas of Resident Medical Officer wellbeing, including a specific focus on retention of the Resident Medical Officer workforce, utilising large language models to support term allocation, N95 mask fit testing, and the impact of Ryan's Rule activations.

RBWH Medical Services researchers have been involved in supporting the Royal Australasian College of Medical Administration, including conference presentations and posters at the national congress, reinforcing RBWH's leadership in medical administration and quality improvement research.

The research delivered by RBWH Medical Services in 2025 directly contributed to clinical governance improvements, efficiency or medical workforce management and evidence-based practice in Medical Administration. Through ongoing collaborations and commitment to translational research, the RBWH Medical Services plays its role in advancing healthcare outcomes and system efficiency within Australia's largest tertiary hospital.

Research Grants

Investigator Names (RBWH staff in bold)	RBWH Departments / Research Groups	Research Project Title	Granting Body	Total Awarded (whole all years)	Length of Awards in years and years active
Anthony Batterbury , Clint Douglas, Mark Mattiussi , Aaron Conway, Alanna Geary	Medical Services	A Collaborative Decision-Making Framework for Safer Patient Placement After Medical Emergency Team Review— The COMFORTER Study	RBWH Foundation CRF RBWH Research Fellowship Grant	88,170	2024-5
Kate McCarthy , Marie Bowden , Trish Hurst , Michelle Doige , Mark Mattiussi	Medical Services	Making Hand Hygiene Impossible Not to Do: Design Think to Facilitate Healthcare Professional Behaviour	SERTA	74,995	2024-5

RBWH Department / Research Group Led Research Activity

Lead Investigator Name (RBWH staff and consumers in bold)	Other Study Investigators (RBWH staff and consumers in bold)	Research Project Title	Consumer involvement	Number of RBWH Patients Recruited
Jayden Mifsud	Mark Mattiussi	Ryan's Rule Cohort Study	Consultation	TBA
Anthony Deacon	Mark Mattiussi, Andrew Redmond	Changes in N95 Mask Fit	Consultation	NA
Anthony Batterbury	Clint Douglas, Mark Mattiussi , Aaron Conway, Alanna Geary	A Collaborative Decision-Making Framework for Safer Patient Placement After Medical Emergency Team Review— The COMFORTER Study	Consultation	485

Collaborative Research Activity Involving RBWH Department / Research Group

Lead Investigator Name (RBWH staff and consumers in bold)	Other Study Investigators (RBWH staff and consumers in bold)	Research Project Title	Consumer involvement	Number of RBWH Patients Recruited
Kate McCarthy	Marie Bowden , Trish Hurst , Michelle Doige , Mark Mattiussi	Making Hand Hygiene Impossible Not to Do: Design Think to Facilitate Healthcare Professional Behaviour	Consultation	N/A

Research Publications

Authors

Investigator	ORCID ID
Mark Mattiussi	https://orcid.org/0009-0009-2834-9013
Anthony Deacon	https://orcid.org/0000-0001-5051-4817
Anthony Batterbury	https://orcid.org/0000-0002-7221-9461
Chris Beck	https://orcid.org/0009-0004-4548-4085