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AH-TRIP

SHOWCASE

2022

Friday
9th December
1:30 - 4:00 pm
(AEST)



1:30 WELCOME

A/Prof Ingrid Hickman

AH-TRIP Statewide Program Manager; Principal Research Fellow, Nutrition & Dietetics, Princess Alexandra Hospital, Queensland Health

Dr Kristyan Guppy-Coles

Health Practitioner Research Coordinator, Office of the Chief Allied Health Officer, Clinical Excellence Queensland, Queensland Health

Dr Rachelle Pitt

Director of Health Practitioner Research, Office of the Chief Allied Health Officer, Clinical Excellence Queensland, Queensland Health

1:40 TRIP PROJECTS

Haylee Kajewksi STARS Person Centred Goal Setting.

Interdisciplinary Surgical, Treatment & Rehabilitation Service, Metro North Hospital & Health Service

Tania Bennett Implementation of best practice for the management of medically unstable

Nutrition & Dietetics patients with an eating disorder at Logan Hospital.

Logan Hospital, Metro South Hospital & Health Service

Shana Taubert Implementation of a speech pathology-led VFSS referring model.

Speech Pathology Royal Brisbane & Women's Hospital, Metro North Hospital & Health Service

Sally Yin "It's just really important for us all to be on the same page": Exploring staff

Interdisciplinary perceptions of factors that influence mobility documentation.

Royal Brisbane & Women's Hospital, Metro North Hospital & Health Service

Tahnie Takefala Improving Early Oral Feeding Practices in the Queensland Liver Transplant

Nutrition & Dietetics Service.

Princess Alexandra Hospital, Metro South Hospital & Health Service

MICRO-BREAK

2:20 TRIP PROJECTS

Kate Delany The Art & Science of Working Together: Systems Thinking through

Interdisciplinary Interprofessional Collaboration.

Metro South Hospital & Health Service

Tayla Robertson Implementation & Evaluation of a Preoperative Enhanced Recovery After

Nutrition & Dietetics Surgery (ERAS) Model of Dietetics Care in Elective Colorectal Surgery.

Princess Alexandra Hospital, Metro South Hospital & Health Service

Tessa Jackson Improving mild traumatic brain injury (mTBI) assessment at

Occupational Therapy Princess Alexandra Hospital.

Princess Alexandra Hospital, Metro South Hospital & Health Service

Amanda Adams Implementing the Delegated Nutrition Care Assistant Pathway across

Nutrition & Dietetics multiple bedded services.

Brighton - Community & Oral Health, Metro North Hospital & Health Service

Samara Phillips Implementing evidence-based exercise guidelines at scale following

Physiotherapy median sternotomy.

Metro South Hospital & Health Service

3:00 BREAK

3:10 GREAT DEBATE

Ilsa Nielsen (Moderator)

Principal Workforce Officer, Office of the Chief Allied Health Officer, Clinical Excellence Queensland, Queensland Health

A/Prof Rae Thomas

Research Education Lead, Tropical Australian Academic Health Centre in North Queensland, Townsville

Rhiannon Barnes

Statewide Program Manager Clinical Education & Training – Nutrition & Dietetics,
Office of the Chief Allied Health Officer, Clinical Excellence Queensland, Queensland Health

Roslyn Boland

Nurse Unit Manager, Metro South Health, Queensland Health

Professor Sharon Mickan

Professor & Head of Program – Healthcare Innovations, Bond University, Gold Coast

A/Prof Jack Bell

Principal Research Fellow (Nutrition, Implementation & Knowledge Translation), Allied Health Research Collaborative, The Prince Charles Hospital; School of Human Movement & Nutrition Sciences, University of Queensland

Prof Jed Duff

Chair of Nursing, Royal Brisbane & Women's Hospital, Metro North Hospital & Health Service; Queensland University of Technology

3:50 AWARDS

ENABLING IMPLEMENTATION

Sponsored by RBWH Foundation

Presented by Liza-Jane McBride

Chief Allied Health Officer, The Office of the Chief Allied Health Officer, Clinical ExcellenceQueensland, Queensland Health; Adjunct Professor, Faculty of Health & Behavioural Science, University of Queensland; Clinical Professor, School of Clinical Science, Faculty of Health, Queensland University of Technology.

OVERALL WINNER

Sponsored by Menzies Health Institute Queensland, Griffith University

PARTNERSHIPS

Sponsored by Health Translation Queensland

LESSONS LEARNT

Sponsored by Bond University

PEOPLE'S CHOICE

Sponsored by Queensland Aphasia Research Centre

4:00 CLOSE

4:00 AFTERNOON TEA

Translational Research Institute (TRI) Atrium. Sponsored by PA Research Foundation.



Welcome

Liza-Jane McBride

Chief Allied Health Officer,

Office of the Chief Allied Health Officer,

Clinical Excellence Queensland, Queensland Health



Liza-Jane is the Chief Allied Health Officer for Queensland. She is responsible for providing high level strategic leadership for statewide workforce reform & education strategies, including industrial, policy & regulatory change, to ensure an appropriately skilled allied health workforce meets the current & future health needs of Queenslanders.

An experienced physiotherapist with over 25 years of practice experience in the public & private sectors in Queensland & overseas, Liza-Jane has postgraduate qualifications in health management. She is an Adjunct Professor in the Faculty of Health & Behavioural Sciences at the University of Queensland & an Associate Clinical Professor in the School of Clinical Sciences, Faculty of Health at the Queensland University of Technology.

Welcome

Dr Rachelle Pitt

Director Health Practitioner Research,

Office of the Chief Allied Health Officer,

Clinical Excellence Queensland, Queensland Health



Rachelle is a Speech Pathologist with a background in the development & translation of clinical interventions to the online environment; an academic pathway sparked by service delivery challenges faced working in rural Queensland. She has worked in academia & health including clinical practice, clinical education, teaching, & research development.

Rachelle is currently leading the statewide research capacity building agenda for Health Practitioners within the Office of the Chief Allied Health Officer (OCAHO). Rachelle is passionate about supporting clinicians with great ideas to navigate the world of research & knowledge translation & demonstrating the value of clinician research through work that can be rapidly translated into practice.

Emcees

A/Prof Ingrid Hickman

AH-TRIP Statewide Program Manager;
Principal Research Fellow, Nutrition & Dietetics,
Princess Alexandra Hospital, Queensland Health



A/Prof Hickman has been working in Queensland Health services for over 20 years & has focused on generating & translating scientific evidence into improved clinical care & outcomes for people with chronic metabolic conditions. From mechanisms of disease progression through to patient centred co-design of health services, her eclectic, collaborative approach to medical research aims to find solutions to health care problems & build research capacity in clinical staff.

Emcees

Dr Kristyan Guppy-Coles

Health Practitioner Research Coordinator,

Office of the Chief Allied Health Officer,

Clinical Excellence Queensland, Queensland Health



Kristyan is a research cardiac scientist who has a background of conducting clinical & translational research associated with the development, evaluation & validation of novel technologies & techniques to improve patient access to health services, as well as improve healthcare service delivery. Kristyan identifies the large gap & delay between research & the translation of research into routine clinical practice, & is driven to focus research project & program trajectories to emphasise definitive & feasible pathways to efficiently translate research outcomes into routine clinical practice. Kristyan has more recently engaged in varied disciplines of clinical research involving the utilisation of large-scale prospective & retrospective clinical data to develop machine learning & artificial intelligence algorithms to enable greater efficiency in healthcare service delivery, allow cost-effective precision-based medicine, & permit paradigm-shifting early risk identification & management strategies; leveraging the increasing shift of the healthcare landscape towards digitally supported services models to open opportunity for efficient pathways of translating such research into clinical practice. Kristyan is currently supporting Health Practitioner statewide research capacity building activities & initiatives within the Office of the Chief Allied Health Officer (OCAHO), with a devotion to enable & support more clinicians & clinician teams in all levels, disciplines & locations to engage in research & the translation of research into practice.

Judges



Dr Nina Meloncelli

Metro North AH-TRIP Program Lead, Allied Health Workforce Development Officer (Knowledge Translation), Metro North Hospital & Health Service, Queensland Health

Dr Nina Meloncelli has been the AH-TRIP program lead for Metro North Health since 2020. She splits her time between the AH-TRIP role which is designed to build the capacity of Metro North Allied Health to effectively translate research into practice & a postdoctoral research fellow role with Metro North & the University of Queensland. Nina is currently leading an effectiveness-implementation randomised control trial at Caboolture & Redcliffe Hospitals & is chair of the statewide AH-TRIP education & training working group.

Judges



Jillian (Jill) Scholes

Metro South AH-TRIP Program Lead, Allied Health Workforce Development Officer, Metro North Hospital & Health Service, Queensland Health

Jillian (Jill) Scholes is a passionate, collaborative & experienced speech pathologist, health service manager & population health advocate. A strategic, proactive, & innovative leader, Jill has embraced a variety of diverse roles over her 20 year career, spanning the health sector (acute, sub-acute, rehabilitation), disability services, & capacity building in remote Aboriginal & Torres Strait Islander communities. Jill is committed to re-orienting the health system to focus on accessible, equitable, holistic & integrated care in the communities where people live, work & connect. Jill is excited to be part of AH-TRIP, as she believes that through bringing people, passion & knowledge together, AH-TRIP is a catalyst for the allied health workforce to lead the optimisation of Queensland's future health system.

Jill currently works with the Executive Director Allied Health for Metro South Health, as a Workforce Development Officer & AH-TRIP Lead for Metro South Health. Her academic achievements includes a Bachelor of Speech Pathology from the University of Newcastle (2002) & a Masters of Public Health from the University of Queensland (2012).

Judges



Geoff Lau

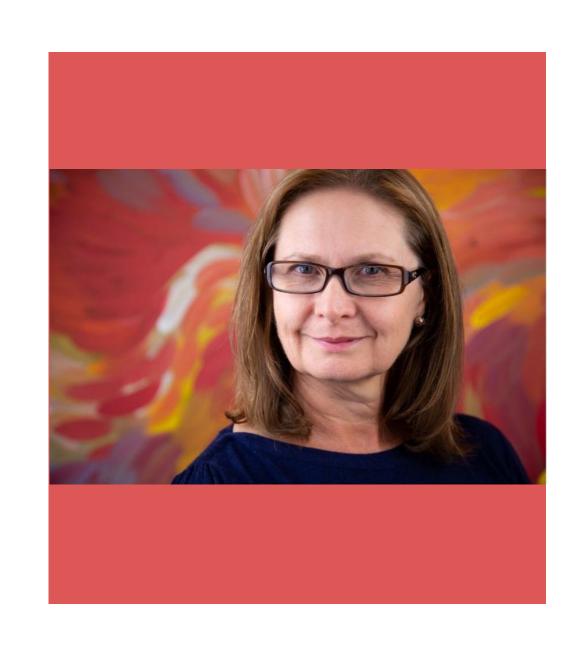
A/Executive Director Allied Health,
Metro South Hospital & Health Service,
Queensland Health

Geoff has a clinical background working in addiction & mental health services as an occupational therapist & clinical supervisor since 1992 across a variety of acute, tertiary, & community-based settings. He graduated as an Occupational Therapist from the University of Queensland & completed post graduate training in social science from QUT. Geoff completed a scholarship with the Australian Mental Health Leadership Program, University of Melbourne in 2011. He is currently the Occupational Therapy Delegate for Mental Health Australia in Canberra. Geoff is currently a PhD candidate with the School of Health & Rehabilitation Sciences, University of Queensland. His research thesis is focused on exploring mechanisms to enhance capabilities for mental health practitioners in evidence-informed therapeutic interventions. Geoff has been the Director of Therapies & Allied Health, MSAMHS since 2010 & is currently acting as the Executive Director of Allied Health role for Metro South Health.

A/Prof Rae Thomas

Research Education Lead, Tropical Australian Academic Health Centre in North Queensland, Townsville

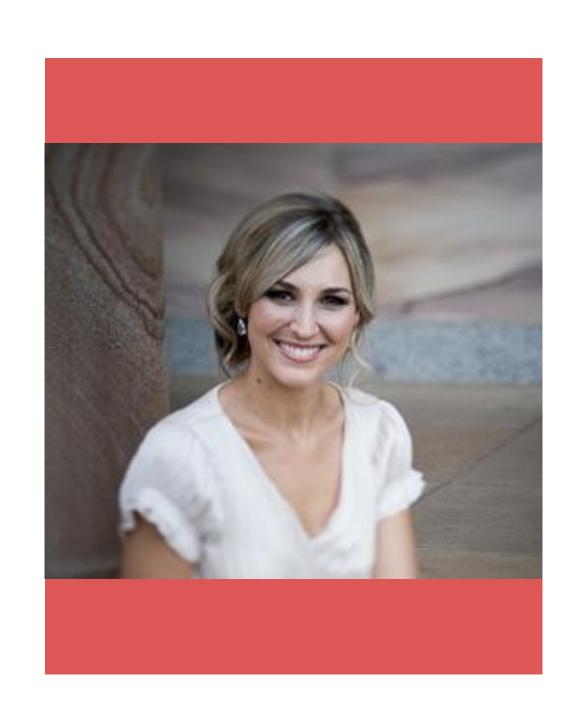
Affirmative Team



Dr Rae Thomas is an Associate Professor in Evidence-Based Practice & Research Education Lead for the Tropical Australian Academic Health Centre. Her research focusses on reducing the gap between research evidence & clinical practice. Rae's passion is to improve evidence-based decision making in clinical practice & to use community engagement strategies to improve health systems & policy. Her program of research includes developing, implementing, & evaluating randomised controlled trials, exploring processes in health decision making, & translating evidence to practice & policy.

Rhiannon Barnes

Statewide Program Manager Clinical Education & Training – Nutrition & Dietetics, Office of the Chief Allied Health Officer, Clinical Excellence Queensland, Queensland Health



Negative Team

Rhiannon Barnes is the State-wide Program Manager Clinical Education & Training - Dietetics, & has been a member of the AH-TRIP team since birth in 2014! She is currently working on a rural immersion clinical education project with the South West HHS & AHPOQ teams using a wonderful cocktail of Implementation Science theories, models & frameworks to guide the planning, implementation & evaluation of the program.

Roslyn Boland
Nurse Unit Manager,
Metro South Health, Queensland Health

Affirmative Team

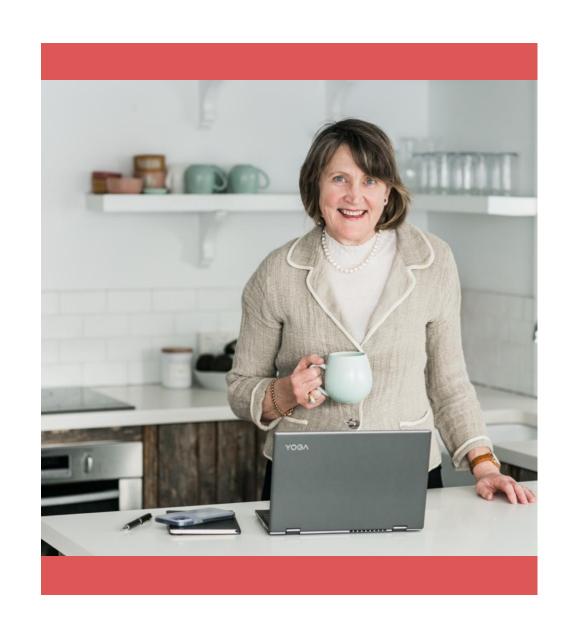


Roslyn Boland is an Aboriginal woman of the Mardigan & Kooma tribes of South West Queensland. Roslyn completed both a Bachelor & a Master of Nursing to influence non-Indigenous colleagues on a professional platform to improve health equity for this vulnerable group.

Prof Sharon Mickan

Professor & Head of Program, Metro South Health, Queensland Health

Negative Team

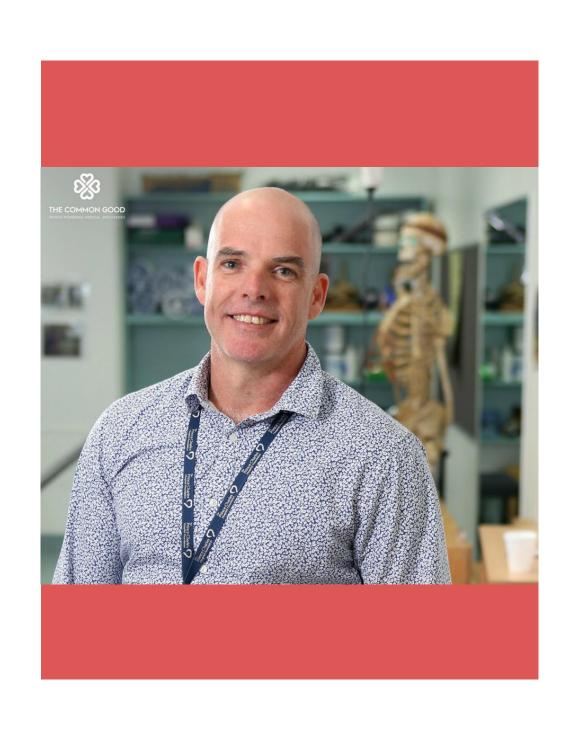


Professor Sharon Mickan is the inaugural head for the Healthcare Innovation program at Bond University which is designed to support health professionals to navigate the research evidence, critically evaluate health systems & practices & implement clinical improvements. Sharon's research interests are focussed on translating research evidence, implementing organisational improvement & codesigning research with entrepreneurs for business benefits.

Sharon previously built a positive allied health research culture within Gold Coast Health as a conjoint Professor of Allied Health with Griffith University. In this role, Sharon designed, implemented & evaluated multiple research capacity building initiatives including introducing allied health research fellows, knowledge brokering strategies, evidence-informed journal clubs & clinical backfill grants. Previously, Sharon was Course Director of the Masters in Evidence-Based Health Care at the University of Oxford.

A/Prof Jack Bell

Principal Research Fellow
(Nutrition, Implementation & Knowledge
Translation), Allied Health Research
Collaborative, The Prince Charles Hospital;
School of Human Movement & Nutrition
Sciences, University of Queensland



Negative Team

Dr Jack Bell is an advanced Dietitian & Principal Research Fellow in the Allied Health Research Collaborative at The Prince Charles Hospital. Jack has spent the last 25 years working with older adults, & all those who care from them, to improve patient & healthcare outcomes through optimal nutrition. Other key interests include de-implement to reinvest approaches that support values based healthcare, & camping off grid with his family.

Prof Jed Duff

Chair of Nursing, Royal Brisbane & Women's Hospital, Metro North Hospital & Health Service; Queensland University of Technology



Affirmative Team

Jed is Chair of Nursing at Royal Brisbane & Woman's Hospital where he develops, tests, & implements strategies to improve the uptake of evidence into practice; designs & runs multidisciplinary practice-based research; & mentors staff in evidence-based practice, quality improvement, & research.

TRIP Projects



Haylee Kajewski

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STARS Person Centred Goal Setting.

STARS opened February 2021, welcoming two existing wards & teams from the Royal Brisbane & Women's Hospital, & rapidly expanded over the next 12 months to include 108 rehabilitation & geriatric management beds. Initial exploration of practice indicated that goal setting was being conducted separately within disciplines. While the goals being set were important & recalled by patients, they were usually not written in patient language, with some duplication of goals across professions. Patient & family interviews highlighted opportunities for improvement in education, engagement, & increasing awareness of goals. Clinician survey indicated the need for clear processes, resources, & training to facilitate effective goal setting by teams. A comprehensive person & family-centred goal setting process was developed with input from clinicians, patients, & families, supported by the evidence-based resources developed by the Statewide Rehabilitation Clinical Network (SRbCN) Goal setting in Rehabilitation Project sponsored by Clinical Excellence Queensland.

Tania Bennett

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Implementation of best practice for the management of medically unstable patients with an eating disorder at Logan Hospital.

A gap in evidence-based best practice was observed through local case reviews at Logan Hospital in the management of medically unstable patients with an eating disorder. Using the Knowledge-To-Action implementation framework to guide the process, these case reviews identified the problem areas at which to target improvements strategies. Key stakeholders were engaged & an eating disorder working group established to drive best practice addressing the issues as a multidisciplinary team (MDT). Development of localised eating disorder guidelines, establishment of weekly MDT meetings to facilitate & guide current admissions, as well as numerous training & education activities were implemented. An initial quality of care audit was conducted in the infancy of this change process (early 2021) highlighting areas for ongoing improvement. Further evaluation was conducted this year via a subsequent quality of care audit demonstrating significant improvement in outcome measures reflective of best practice.

Shana Taubert

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Implementation of a speech pathology-led VFSS referring model.

We implemented a new model where speech pathologists (SPs) complete videofluoroscopic swallow study (VFSS) requests within an enhanced scope practice role, (normally only doctors can request this radiology test). The Consolidated Framework for Implementation Research (CFIR) guided implementation & evaluation—prompting planning, extensive our stakeholder engagement & iterative data monitoring to inform strategies to address barriers early. We compared efficiency of the new model with the standard model of doctors referring & found no significant difference, however radiation safety was enhanced. Radiation safety principles require that all request forms document sufficient clinical information to demonstrate the likely benefit of the test outweighs potential harm from radiation exposure. SPs' expertise in swallowing equips them to comply with radiation safety standards when completing VFSS requests. Stakeholders (RBWH VFSS clinic radiologists & doctors treating patients with swallowing difficulties) universally recognised that completing VFSS requests is compatible with SPs' skill set, which facilitated implementation.

Sally Yin

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"It's just really important for us all to be on the same page": Exploring staff perceptions of factors that influence mobility documentation.

Patients admitted to hospital spend almost all of their time lying in bed & very little time sitting out of bed or walking. Immobility leads to many consequences for patients including longer hospital stays, increased risk of falls & delirium. Encouraging patients to get up & walking helps to prevent these consequences. However, getting patients up & walking in hospital is difficult. One factor that makes it difficult is how staff communicate & record patient activity levels. We know that staff describe patient activity levels differently, that they record these activity levels in multiple places & that staff refer to different places when seeking information about how patients move around. What we don't know is what staff think about communicating & recording mobility, specifically what makes this communication harder & what could make it easier.

Tahnie Takefala

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Improving Early Oral Feeding Practices in the Queensland Liver Transplant Service.

Early oral feeding as a component of Enhanced Recovery after Surgery (ERAS) protocols has been shown to optimise post-operative outcomes including decreased length of stay & complications. While there is a paucity of high-quality data on early oral feeding in the liver transplant space, available guidelines do recommend that normal food or enteral nutrition is initiated within 12-24 hours after transplant. Anecdotal evidence in the local context suggested that this was not occurring at our hospital & a practice gap was identified. I subsequently undertook an implementation project guided by the Knowledge-to-Action framework. This included retrospective chart audit to identify current practices, interviews with clinicians involved in development & implementation of targeted post-transplant care, interventions strategies, evaluation of outcomes through repeat chart audit & a plan for sustaining change. Practice outcomes achieved include earlier commencement of post-operative nutrition & a significantly higher proportion patients of meeting early oral feeding guidelines.

Kate Delany

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The Art & Science of Working Together: Systems Thinking through Interprofessional Collaboration.

The "Promoting Teamwork & Interprofessional Practice" (P-TIP) initiative aims to cultivate a culture of interprofessional collaboration to optimise patient & organisational outcomes. Interprofessional Collaboration is more than a multidisciplinary approach, in that it leverages professional identity, role clarity, systems thinking & an understanding of how professional & organisational structures drive behaviour, to improve when & how health professionals collaborate across the system. A co-ordinated organisational approach & significant culture shift is essential to apply & leverage these frameworks in complex systems such as Metro South Health. This project aims to utilise behaviour change frameworks & interprofessional education enablers embed interprofessional collaboration. to as

Tayla Robertson

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Implementation & Evaluation of a Preoperative Enhanced Recovery After Surgery (ERAS) Model of Dietetics Care in Elective Colorectal Surgery.

Preoperative malnutrition screening & dietetics intervention for at-risk patients is recommended ≥7 days before surgery. A retrospective chart audit & patient questionnaire identified that malnutrition screening is not timely, systems do not support dietetics referral of at-risk patients, & preoperative "nutrition" information is limited to bowel preparation & fasting. Guided by the Knowledge-to-Action framework, we implemented & evaluated a preoperative ERAS model of dietetics care. The intervention included staff training, earlier malnutrition screening, a digital automated referral process, access to preoperative dietetic telehealth reviews, & creation of a preoperative nutrition information video. Post-implementation audit identified the new model was not functioning as intended; only 38% of patients had early malnutrition screening, & 13% had initiation of automated referral. In contrast, 78% received a text message with the preoperative education video. While the project was approached with a robust methodology & digital innovation, translated model it leaky to a of care.

Tessa Jackson

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Improving mild traumatic brain injury (mTBI) assessment at Princess Alexandra Hospital.

mTBI accounts for at least 80% of all traumatic brain injuries. Effective & timely assessment of post-traumatic amnesia for patients with mTBI assists identification of patients requiring further treatment & education, reducing length of stay & hospital admissions, with subsequent costsavings to the hospital. This quality activity involved a collaborative, skillsharing approach between the multidisciplinary team applying the Plan-Do-Study-Act improvement cycle. We aimed to implement a new mTBI assessment & pathway of care in two arms: 1) to Occupational Therapists across the hospital & 2) within the Emergency Department. Following stakeholder engagement, a range of strategies have been embedded to support implementation of the new assessment, including an endorsed mTBI procedure, clinician resources & education sessions. Preliminary reflections indicate a need to consider complexities within the different contexts. Consultation with key stakeholders & use of RE-AIM evaluation framework to evaluate the implementation & facilitate sustainable practice change.

Amanda Adams

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Implementing the Delegated Nutrition Care Assistant Pathway across multiple bedded services.

The demand for malnutrition care is high across the Community & Oral Health (COH) services, with many patients at risk or malnourished & requiring supportive nutrition care. With limited dietetic capacity, we investigated evidenced-based malnutrition models of care to manage the demands for nutrition support. We addressed this problem implementing a Delegated Nutrition Care Assistant Pathway across three bedded services. Using the Consolidated Framework for Implementation Research, interventions included: 1) A Delegated Nutrition Care Assistant Assessment Form, 2) A Competency Training Package with Clinical Task Instructions, 3) The Delegated Nutrition Care Assistant Pathway including guidelines. Following the RE-AIM Framework, we successfully implemented the pathway with 100% of staff (8/8) agreeing they were using form. Survey results showed an increase in clinical assistant knowledge, skills & confidence & two out of six initial assessments & one out of two review assessments were completed by clinical assistants instead of dietitians.

Samara Phillips

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Implementing evidence-based exercise guidelines at scale following median sternotomy.

Following cardiac surgery involving median sternotomy, patients are routinely advised by clinicians, to restrict upper limb activity & weight bearing to reduce the risk of wound complications. 'Keep your Move in the Tube (KMIT ®)' is an evidence-based approach which encourages patients to move within their limits of pain, rather than avoiding all weight-bearing activities & lifting of loads. This less restrictive approach enables patients to return to normal activity earlier & is not associated with any harm. Whilst this evidence has been available for several years, clinical practice has been slow to adopt the principles of KMIT® & preliminary work by our team suggests that practice across Queensland acute settings & cardiac rehabilitation programs is very variable & historically driven. Our project, underpinned by the Knowledge-to-Action framework, aims to standardise the management of patients following median sternotomy across Queensland, optimising functional recovery without an increase in adverse events.

Awards

Overall Winner

Menzies Health Institute Queensland Griffith University \$1500 Professional Development The TRIP project with the highest scoring entry across all judging categories, as determined by the judging panel.

Partnerships

Health Translation Queensland \$600 Professional Development Recognises a TRIP project that has established or strengthened multi-site, external partnerships or collaborations with other health departments, disciplines, health services, institutes or industry.

Lessons Learnt

Bond University
1:1 Implementation Mentoring –
Four hours with a member of the
Healthcare Innovations Program

We all make mistakes! This award recognises a TRIP project that didn't go exactly to plan but created valuable learning opportunities.

Enabling Implementation

RBWH Foundation \$500 Professional Development

This award recognises an individual or team who undertake systems-based changes to enable or facilitate the implementation of research translation. The award is focused on the establishment & facilitation of strategic processes that enable implementation rather than the results of the implementation itself.

People's Choice

Queensland Aphasia Research Centre \$500 Professional Development The TRIP project with the highest number of votes received from the virtual audience poll.

Thank

Sponsors:















and life-saving research







AH-TRIP Network:

AH-TRIP Steering Committee AH-TRIP Working Groups Contributors & Supporters

AH-TRIP Champions & Enthusiasts **AH-TRIP Telementors & Telementees**

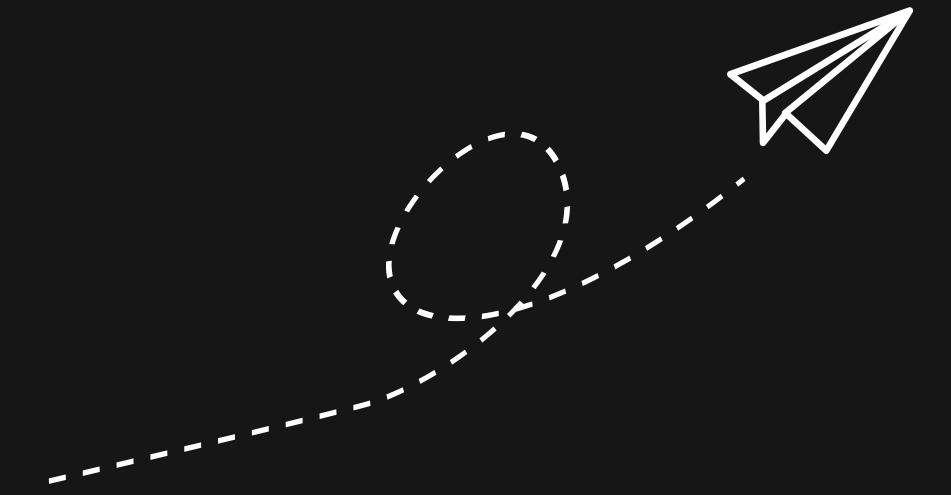


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AH-TRIP TAKE



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