

Rapid Fire Presentations

Mike Roberts, Safer Care Victoria

#### Improving Partnerships with Aboriginal and Torres Strait Islander Consumers & Community

Western Health arknowledges the Traditional Custodians of the land on which our sites stand. The Wurundjeri Woi-Wurrung, Boon Wurrung and Bunurong peoples of the greater Kulin

ongoing journey of reconciliation.

Western Health is committed to respectfully listening and learning from Aboriginal and Torres Strait Islander people and wholeheartedly supports their journey to self-determination

## \*Health services have not traditionally been places of healing or cultural safety for the Aboriginal or Torres

Identification of Aboriginal & Torres Strait Islander people does not always occur, limiting access to services

#### "Staff knowledge of how, when and why to ask & identify is potentially limited

#### The Western Health Aboriginal Health I Init participation coun

Western Health sites stand on the sites of the land of the Wurundjeri Woi-Wurrung. Boon Wurrung and 2A is an Acute Aged Care Ward located on the Sunshine Campus of Western Health in Melbourne Victoria

The pilot project is to pur over March - June 2023 period (not yet concluded

Project Sponsor - Jordan Casey Manager Aboriginal Health Unit Western Health Secondary Sponsor - Aleia Wyngaarden Nursing Unit Manager 2A Sunshine Hospital Western Health Joefan Cassy Manager Aboriginal Mealth I Init Western Moalt

Karen Garratt Acting Nurse Unit Manager 2A Western Health Participants: Western Health Aboriginal Health Unit Staff



The word & the Aboriginal Health Unit agreed to collaborate in a pilot project. The purpose being to improve awareness & understanding, improve the physical environment, ensure patients were always asked if they identified as Aboriginal or Torres Strait Islander & build effective & sustainable relationships between the Aboriginal Health Unit & the word

The word would be guided, audited and led by the Aboriginal Health Unit, with all initiatives & strategies verified as culturally safe prior to implementation. Equally the success of each intervention & the project would be determined by the Aboriginal Health Unit Manager, staff & Aboriginal & Torres Straits Islander Health

- Identify Stakeholder Define parameters & Scope

- Survey & Audit process
- Barrier identification Strategy development
- Evaluation (ongoing)
- Significant dates promotion External (ward) partial inclusion
- . Aboriginal and/or Torres Strait Islander staff & consumer audit
- . Exit surveys (Pendine)

Surveys will/would provide self-assessment & self-reported compliance, perception dentification of barriers & concerns, willingness & motivation to participate.

Education will promote change, build awareness & understanding Resources will ensure staff have access to appropriate guidance & can provide these as requeste

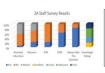
Ongoing evaluation will ensure strategies are adapted or adjusted as required

Evaluation of the environment & experience by Aboriginal and/or Torres Strait Islander staff, health consumers & community will ensure a culturally safe environment is defined & decided by members of the Aboriginal and Torres Straits Islander community NOT the ward inclusion of other wards initiates & provides a platform for future roll out by the Aboriginal Health

Exit survey will identify gains, changes & improvement

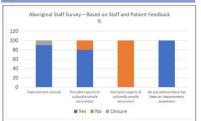
T-Shirt Launch Day







Ward based education, prepared & presented by the Aboriginal Health Unit Manager, was implemented prior to the surveys being rolled out. We primarily targeted ward staff who had not attended the education. We ascertained that most staff knew how & where to document if a patient identified as Aboriginal or Torres Straits Islander on EMR arily operates electronically. We found that the majority of staff self-reported that they always ask the question 'Do u identify as Aborizinal or Torres Strait Islander?". We provided space for staff, who stated they did not always ask why. We found that discomfort & a lack of awareness that it was mandatory were the predominant reasons offered.



Staff were educated on appropriate clothing & provided with T

ask an Aboriginal Health Consumer if they identified as Aborigina & Torres Strait Islander; education was immediately provided.

Ward Staff have embraced significant dates acknowledgement Ward staff have embraced & celebrated the artwork

network Aboriginal Health Unit but also with external services such as the Department of Justice unit (specific site) Ward staff have a growing confidence in partnering with Aboriginal & Torms Strait Islander roberts, families & community to ensure

peneral & end of life care is culturally safe

Ward staff have an improved understanding of the purpose significance & benefit of asking all potents if they identify as

#### Moving Forward:

We plan on completing a wider rollout of this pilot, vary the T-shirt colours to suit the ward's theme but keeping the messaging consistent.

Our will provide a stepped process before the wards are given the 'Aboriginal and Torres Strait Islander Ally' t-shirts, this includes: Asking the Question training, inervice education completed by a member of the Aboriginal Health Team, then a eneral knowledge test, once these steps have been completed successfully the tshirts will then be offered to those staff.

Our aim is to have wards across all of our campuses wearing these t-shirts throughout the week, raising awareness, conversation and respect for our Aboriginal and/or Torres Strait Islander Patients.

## Improving Partnerships with Aboriginal and Torres Strait Islander Consumers & Community

Anne Jenkins



### Reflective Practice: Humanising our experiences at work and connecting us as people.

Debbie Draybi, Clinical Communication Lead Clinical Excellence Commission, NSW, Australia

Reflective Practice is essential in integrating our human experience and transforming the way we deliver and receive care. Clinical Excellence Commission led a pilot study in the design of tailored reflective practice which provided insight into the value of Reflective Practice as an integral part of staff wellbeing and is foundational to processing the challenges and complex stressors associated with healthcare work.

## Leading for reflective practice



"One thing I have learnt that has been liberating is that it is OK to be vulnerable. It is OK to say 'I don't have all the answers'. Coming to that profound realisation allows you to take that next step."

"I'm a better, stronger leader for allowing those conversations to take place"

Clinical Excellence Commission Chief Executive Adi Prof Michael Nicholl

### Reflective Practice Experiences from workshop participants





world that is growing me as a person and







Leadership support is crucial

practice happening once a month Leaders need to engage in reflective practice

Leaders need to champion reflective

Continue to build levels of capability

Build a system that recognise three levels: Practitioner that integrates into the flow of work

2. Peer skilled in supporting another's reflection

3. Host skilled in facilitating clinical supervision

#### Next steps

### Reflective practice is integrated

- · Reflective practice is built into our processes
- 1. Induction to promote the value early
- 2. Role descriptions to show its importance
- 3. Principles and practices integrated into

hosting meetings, reviews, debriefs, development discussions

### Reflection humanises the work experience

#### \* People will be sustained in their work

- and have improved commitment, performance and wellbeing
- through regular reflective practice
- People are calling for what safe reflective spaces provide





sessions (1:1 or in groups)



## Reflective Practise: Humanising our Experiences at Work and Connecting Us as People

Debbie Draybi and Sarah Fisher





### More than mLs: Consumer engagement in the **Postpartum Haemorrhage Collaborative**

Alana Donaldson, Robert Forsythe, Ellie Goss, Shannon Lambert, Kaz Redmond, and Jo Szczepanska

Postpartum haemorrhage (PPH) is severe bleeding after child birth. In the state of Victoria, Australia it was the main cause of all severe acute maternal morbidity in 2019. The PPH Collaborative was an improvement project involving 33 maternity services representing approximately 60,000 births per year. This poster seeks to describe the Collaborative approach to consumer engagement and the outcomes.

#### **OBJECTIVES**

Partner with consumers to reduce harm caused by primary PPH following vaginal birth in Victoria.

#### **METHOD**

Importantly, we listened to consumers talk about their experiences before planning changes. Consumers were on the project team and participated in all stages, including deciding the scope, aim and measurement strategy. Collaborative learning sessions began with audio stories produced with consumers to share their experiences and suggest areas for improvement

Figure 1. Example of consumer gudio story. These were in a slide deck format with illustrations, audio and subtitles.



The audio stories were highly effective tools. Clinicians valued the insights from consumer perspectives and shared them within their services. Consumers appreciated that others could learn from their experiences without having to repeat their stories or speak publicly.

Consumers also co-delivered Collaborative learning sessions and webinars. Services recruited consumers to their project team and sought consumer feedback when they tested changes. When services were planning every change. consumers were there to share what mattered to them

## Figure 2. Consumers were involved in improving every aspect







View a PPH Collaborative consumer story Consultative Council on Obstetric and Paediatric Mortality and Morbidity.

Victoria's Mothers Robies and Children 2019 report CCOPMM. State of







By listening to consumers, we learned that harm from PPH amounts to more than mLs of blood loss. They shared how frightening their experiences were and spoke about the about the lasting psychological impacts, which can lead to families being less likely to have another child.

This was incredibly impactful and motivated clinicians to generate change informed by lived experience.

Figure 3. Consumers Kristin Earles, Ellie Goss, Gemma Purdy and Allison Roberts at the 'Consumer wall' which exhibited changes implemented following their engagement



The initial project aim was to reduce the incidence of PPH. but evolved to also improve care of families who experience it. Services took a patient-centred approach that prioritised communication and support. 85 improvements informed by lived experience were implemented.

## Figure 4. Examples of change ideas implemented due to



Consumers identified that clinical debrief and links to suppor services mattered to them, so this was included as a project measure. The proportion of women and birthing parents who experience PPH with evidence in their pregnancy care record of a clinical debrief, and provision of information on available support services improved from 15% to 61%.

#### CONCLUSION

Shifting Mindsets to Improve Outcomes By moving away from the traditional model where

clinicians dictate what constitutes a successful outcome. we can work collaboratively with consumers to achieve improvements that are meaningful to them

#### Investing in lived experience

Embedding lived experience in project design takes time and planning. However, this led to tangible improvements in care and was rewarding for everyone involved.

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## More than mL's: Consumer Engagement in tht Postpartum Haemmorrhage Collaborative

Kaz Redmond



## Advancing antimicrobial stewardship in an electronic medical record era

Melbourne

Z RASHIDZADA¹ N TRUONG¹ R CHEAH¹ R JAMES¹ K THURSKY123

Royal Melbourne Hospital Guidance Group / National Centre for Antimicrobial Stewardship, The Peter Doherty Institute for Infection and Immunity, 2Melbourne Medical School, University of Melbourne, 3Department of Infectious Diseases. Peter MacCallum Cancer Centre



"Integration between Guidance and the EMR allowed us to more accurately monitor compliance with our antimicrobial

policy. We also pleasingly observed a significant rise in approvals."

"I particularly like that we can accurately record our AMS reviews and assess antimicrobial appropriateness, while recording our recommendations

-AMS pharmacists at Royal Melbourne Hospital

### Background

 Guidance is a web-based antimicrobial decision support program \*Developed by clinicians to support Antimicrobial Stewardship (AMS)

·Key features:



Evidence-based benefits: Broad-spectrum antimicrobial use<sup>1</sup> Antimicrobial resistance rates<sup>2</sup> C. difficile infection rates<sup>3</sup>

#### **Current EMR limitations**

 AMS features are limited & require institution-specific programming, which is often prohibitive. Decision support is limited without third-party decision support systems

· Utilising Guidance together with EMR provides exponential benefits.

#### Integrating Guidance with EMR to optimise AMS

 The new Guidance offers advanced EMR integration and significant AMS benefits. •Re-developed based on clinician feedback to meet evolving digital needs.

•Meets regulatory requirements and Quality Management Systems (ISO 9001 certification).



#### Discussion

•The new Guidance was successfully implemented at Royal Melbourne Hospital in 2022 Implementation is currently being expanded to other Australian hospitals.

•EMR programs have limited ability to accept data from third-party programs at present

Currently, Guidance allows the following feedback to the EMR:

Approval codes and indications
 AMS review notes

Further enhancement is under way to allow complete two-way integration and seamless workflows.

#### References

- Cairns et al. 2013. 'Prescribing trends before and after implementation of an antimicrobial stewardship program'.
- MOX192-02-200. Tipproved susceptibility of Caran negative bacteria in an intensive care unit following implementation of a Yong et al. 2010. Tipproved susceptibility of Caran negative bacteria in an intensive care unit following implementation of a Section 2010 of the bacteria of the Section 2010 of the

## Advancing Antimicrobial Stewardship in an Electronic Medical Record Era

Zohal Rashidzada



## CREATING CAPACITY FOR CARE IN NEUROSURGERY OUTPATIENTS

Butzkueven, S., 1 Hunn, M., 2 Maciel, J., 3 Samers, J., 4 Blake, C., 1 Bennett, I., 2 Haley, C.3 Alfred Health. 1; Alfred Brain, 2; Neurosurgery Department, 3; Physiotherapy Department, 4; GP Liaison Service

#### **PROBLEM**

Demand for Neurosurgery outpatients was significantly greater than capacity, posing clinical risk to patients. Whilst urgent priority 1 new and urgent review patients were receiving timely care, waiting times for nonurgent new and review appointments were considerably longer than recommended. This posed clinical risks for patients whose conditions were not being appropriately monitored for deterioration, potentially leading to adverse outcomes and/or needing more complex treatments.



DATA ANALYSIS STAKEHOLDER ENGAGEMENT STEERING GROUP PLANNING AND DESIGN

#### INTERVENTION

Expansion of previous Physiotherapy P3 screening clinics, to create Physio-led degenerative NEW SPINE clinics:

- ✓ Tripled capacity:
  - · increased from one to two clinics per week · Increased staffing per clinic.
- · Increased appointments per clinic.
- ✓ Dedicated neurosurgeon to consult with physios and follow up. Allows patients to be consented for surgery or discharged directly from NEW SPINE clinic without requiring
- additional appointment/s with consultant in surgical clinic. ✓ Physios working at higher end of their scope of practice to
- see Priority 2 patients, rather than primarily only P3. ✓ Improved efficiency of first appointment due to collection of comprehensive background information at the time of referral from both GP and patient.
- ✓ Physio-led triage for degenerative spine referrals using objective standardised criteria. Frees up neurosurgeons to see higher natient numbers

Creation of two new neurosurgical surveillance clinics for specific cohorts of patients:

- ✓ Tumour surveillance
- ✓ Cerebro-Vascular surveillance

Tightened referral eligibility criteria.

Development of new discharge criteria including pathway for GP led clinical surveillance

#### **EVALUATION**

Results show pleasing improvements to date: number of new patients being booked and seen each

- month, most notably Priority 2 patients.
- Physios seeing a higher complexity of patients, shown by an increasing percentage of priority 2 neurosurgery referrals being directed to the physio NEW SPINE clinics.
- A reduction in triage time for P1 referrals.
- Higher percentage of incoming demand being met: comparison of incoming referral numbers vs new appointments booked per
- More patients being wait listed for surgery directly from physio NEW SPINE clinics without requiring further waiting time to see a surgeon in the neurosurgical outpatient clinic.

Further evaluation and refinement is occurring on an ongoing Current focus is on:

- · Establishment of Cerebro-Vascular surveillance clinic. Embedding processes for consistent application of discharge
- Continuing management of new and review demand backlog.
- Measuring satisfaction from a wide group of stakeholders including referrers, patients, physiotherapists and

#### LESSONS LEARNT

Involve key stakeholders early and consult extensively. Include consumer and management representation

Consider likely workflow changes as soon as possible to allow sufficient time for IT, digital and design changes to be made. Importance of a dedicated team, led by a project manager to support and drive the change.

Expect that the optimal service will continue to evolve with time



	PRE	POST
% P2 referrals being seen in New Spine clinics	4%	43%
Days from registration to triage for P1 referrals	6	3
P2 bookings per month	18	41
P3 bookings per month	21	87
% new referral booked / accepted (demand)	61%	98%
Consented for surgery per month from NEW SPINE clinics	0	2.2
Discharged per month from New Spine	7	33

## Creating Capacity for Care in **Neurosurgery Outpatients**

Chelsea Blake

















## Improving venous thromboembolism prophylaxis – the clot thickens Hospital-wide VTE dashboard



Sangla K<sup>12</sup>, Rosadi H<sup>13</sup>, Smith S<sup>13</sup>, Naughtin M<sup>1</sup>, Gallagher J<sup>1</sup>, Hunter D<sup>1</sup>, Daly M<sup>1</sup>, Perks S<sup>12</sup>

<sup>1</sup> Townsville University Hospital (TUH), Townsville, Australia
<sup>2</sup> James Cook University, Townsville, Australia
<sup>3</sup> SHPA Residency Training Program, Townsville, Australia

#### Background

VTE prophylaxis (VTEp) prescribing is important for patient care with known high rates of VTE development for inpatients at risk. Pharmacological and non-pharmacological options can be appropriately charted or withheld via a supportive Powerplan in ieMR. Even with this inbult support, VTEp prescribing practices were very poor leaving patients at risk.

#### Ain

The project aim was to develop an integrated dashboard with a whole of hospital view of VTEp prescribing and demonstrate its use as a clinical 'change of practice' tool.

#### Dogulte

The dashboard was developed with the ability to see whole of hospital VTEp, along with the ability to drill down to individual wards, clinical teams and right down to specific individual patients. See figure 1 for example ward summary.



Figure 1: Example dashboard summary for ward demonstrating management of VTE pharmacological and mechanical prophylaxis

#### Methods

\*A clinical dashboard was developed and refined over 1 year to show all VTEp prescribing at TUH. \*Medical and Pharmacy leads used the tool to make targeted phone calls to clinicians advising on individual patient VTEp prescribing.

- Discussions with clinical teams and education of junior medical officers occurred based on prescribing patterns. Interventions also targeted nurse initiated mechanical prophylaxis charting.
- Feedback was and is being sorted in real time from prescribers, pharmacists, and nurses with a view to a meaningful and sustainable improvement.

## Over one-year the dashboard usability was refined and the intervention increased rates of documented VTEp management across the hospital from 57% up to 86%.



Figure 3: Percentage of patients with pharmacological or mechanica prophylaxis charted or documented as withheld

The VTEp management can be seen in tabulated form below the summary details. This includes any anticoagulation charted or withheld as well as aspirin.

URN	Age	Ward	Team	Weight kg	Pharm Orders	Last aspirin dose	Pharm Withhold	Mech Orders	VTE Alerts
015857	72	TRU G TMRE	REH	94	heparin (5,000 un	100 mg @ 28/9/23		Below the Knee	0
017717	82	WB G TMW5	GERC	75.3	heparin (5,000 un	100 mg @ 28/9/23		-	0
020401	83	WB LI TMW	IMD	124	heparin (5,000 un	100 mg @ 28/9/23			0
032105	64	WB LI TMAL	NEP	81.8	-	100 mg @ 20/9/23	-	-	18
036047	64	AB L1 TSCDL	VAS	103.65	enoxaparin			-	17
083328	72	WB G TONC	HAE	115	**VTE Pharmacolo	-	**VTE Pharmag	-	0

Figure 2: Tabulated VTEp management details. (Redacted to exclude patient details)

#### Conclusions

The VTEp dashboard, and associated interventions have seen an increase in VTEp management across the heath service.

•Over this timeframe the THHS has seen a decrease in hospital acquired VTE complications, with the rates falling over the last 2 reporting quarters, evidencing improved patient safety and success of the intervention

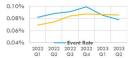


Figure 4: Event rates and expected rates for patient case mix for DVT/PE events per quarter

The improvement in the rates of documented VTEp and the decrease of event rates demonstrates the success of this dashboard model

◆To the authors knowledge the development of a whole of hospital VTEp dashboard used to improve clinical practice is an Australian first.

# Improving VTE Prophylaxis – The Clot Thickens

Kunwarjit Sangla



#### SIMULATION AS A QUALITY IMPROVEMENT TOOL FOR A MATERNITY MASSIVE TRANSFUSION PROTOCOL

resources.

Table I

In situ simulation is effective for identifying latent safety threats (LST), particularly in rare events. The Women's is the largest maternity hospital in Australia with approximately 14 massive transfusion (MT) events per annum primarily for postpartum haemorrhage (PPH). Simulation<sup>1</sup> and Failure Mode Effect Analysis (FMEA)2 were used in an iterative cycle to identify LST and solutions in 2020-2022. Translational simulation1 was used as a quality improvement tool to diagnose LST, identify potential improvements and then test these prior to introducing and afterwards to test the effect of implementation of solutions in an iterative improvement cycle.



We performed in situ simulations in the operating theatre examining management of an MT focusing on teamwork. communication, equipment and processes. An EMFA analysis was performed to identify LST, and further simulations were performed to interrogate implementation of codesigned solutions for the operating theatre, blood bank and hospital wide processes



#### In Situ Operating Theatre MTP Simulation May 2020

Inquiry. 2017 Jan;54:46958016687176. doi: 10.1177/0046958016687176. PMID: 28133988; PMCID: PMCS798742.















Domain	Finding	Recommendation / Outcome
Equipment	Printer location contributed to delays	Moved printer
	Poor computer access	More computers acquired
Electronic medical record (EMR)	Some staff unable to document MT	MT access broadened
Teamwork	Roles unclear	Visual aid to assist role allocation
	Constrained staffing after- hours	Mobilise additional staff
Communication	Hospital resources	Hospital wide notification of MTP

Challenges and opportunities were identified in each

domain (Table 1). Further simulations identified LST

resolution where implementation had occurred, and

replicated LST where implementation was delayed. In our

context, we found events occurred in simulation (e.g.,

printer poorly located, therefore MT request form not

collected, resulting in delays) and calculated the

likelihood that would happen in clinical practice, the

outcome if they occurred (no harm, minor or major harm)

and the efficacy of preventative strategies. Solutions were

co-designed with clinicians and tested in further simulations. Further qualitative evaluation of the process identified improved communication, interprofessional

'More staff confidence to speak up for safety.' "Better understanding about own and other team members roles."

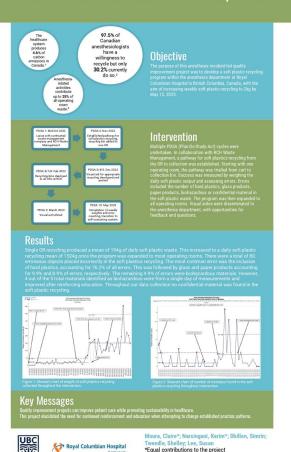
This work has been part of the hospital's Safer Care Victoria (SCV) PPH Collaborative which saw a reduction in the incidence of massive PPH after vaginal birth. Return on investment<sup>3</sup> has demonstrated quantitative benefits in simulation (reduced errors, faster procurement and documentation of MT) and qualitative benefits (improved teamwork). The FMEA tool is useful to detect LST and assess efficacy of solutions in simulation. Translational simulation may be used to diagnose and treat clinical challenges in a major maternity hospital where MT is required. Further work examining clinical outcomes is in process

Simulation as Quality Improvement Tool for a Maternity Massive Transfusion Protocol

Kara Allen



## From Garbage to Green: A Soft Plastic Recycling Initiative in one Canadian Anesthesia Department



Sustainability, Climate Change and Environmental Impact on Health

Claire Moura



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