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# Promoting value-based care in EDs (PROV-ED)

Initiative Type

Redesign

Research

Service Improvement

Status

Sustained

Added

13 May 2020

Last updated

30 September 2024

URL

<https://clinicalexcellence.qld.gov.au/improvement-exchange/prov-ed>

## Summary

PROV-ED aims to disseminate innovation, by sourcing and scaling value-based emergency

department (ED) initiatives with demonstrated outcomes. Initiatives are selected for statewide rollout via an EOI calling for applications, followed by selection process culminating in the “PROV-ED Pitchfest”. Three Pitchfest events have been held since 2019, unearthing 15 initiatives that have been honed and disseminated statewide. By facilitating the adoption of these successfully piloted initiatives, PROV-ED is helping to spread innovation beyond hospital and HHS boundaries. [The Blood Clock – Eliminating O negative Blood Wastage](#) *Matilda Schmidt, RBWH, MNH* [Nurse Initiated X-ray \(NIX\)](#) *Sarah Brokenshire and Carly Bland - Logan Hospital, MSH* [Standardised and Safe Intubation Package \(SSIP\)](#) *Jacob O’Gorman - Gladstone Hospital, CQHHS* [CREDIT - Reducing unnecessary peripheral intravenous cannulation](#) *Tracey Hawkins - RBWH, MNH* [Transforming Emergency Departments Towards Cultural Safety \(TECS\)](#) *Stefan Kuiper - Cairns Hospital, CHHHS* [Pre-filled Saline Syringe \(PreSS\)](#) *Tracey Hawkins - RBWH, MNH* [Reducing Urine Contamination in Emergency \(RedUCE\)](#) *Chantelle Judge and Georgia Livesay - Princess Alexandra, MSH* [Resuscitation Medication Safety \(ReMS\)](#) *Jo Farrell and Lisa Lucas - Logan Hospital, MSH* [Safer Ventilation in Emergency \(SaVE\)](#) *Samantha Hoole - Bundaberg Hospital, WBHHS* [Safe, Well organised, Inter-Facility Transfer \(SWIFT\)](#) *Louise Welldon and Clare Kao - QEII Jubilee Hospital, MSH* [RESUSMENU - Luke Burman and Andrew Hobkins King - Sunshine Coast University Hospital, SCHHS](#) [GuideWIRE Education \(WIREd\)](#) *- Katrina Starmer, Cairns Hospital, CHHHS* [Start with Topical Anaesthesia, Replacing procedural Sedation \(STARS\)](#) *-Louise Spooner, The Prince Charles Hospital, MNH* [Streamlined Paediatric Cannulation in Emergency \(SPaCE\)](#) *- Michelle Dodds and Natasha Edwards, Redcliffe Hospital, MNH* [Automated Urinalysis \(AUA\)](#) *- Sean Lawrence and Goce Dimeski, Princess Alexandra Hospital, MSH*

Reducing Urine Contamination in Emergency (RedUCE)

Resus Medication Safety (ReMS)

Safe Ventilation in Emergency (SaVE)

Safe, Well organised, Inter-Facility Transfer (SWIFT)

PROV-ED also builds capacity building for health service redesign and quality improvement through multidisciplinary clinician engagement, workforce skills development and by creating a model for widespread implementation of initiatives.

Key dates

Feb 2019

Jan 2022

Partnerships

Queensland Emergency Department Strategic Advisory Panel (QEDSAP), Healthcare Excellence and Innovation (HEI), Metro North Health

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## Key Contacts

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to improve value-based care and health service delivery in Queensland Emergency Departments by identifying successfully piloted initiatives, further developing their associated resources, and scaling across the state.

## enefits

- identification of projects undertaken in individual Queensland Health hospitals or health services that could benefit other emergency departments; helping to stop reinventing the wheel
- provision of resources endorsed at state-wide level, with opportunity to customise based on local requirements
- enabling networking opportunities and dissemination of ideas and innovation at events such as “PROV-ED Pitchfest”; breaking down silos
- initiatives offered on opt-in basis, with guidance and assistance offered to implement
- site-specific evaluation and feedback of initiative outcomes, to help guide implementation and encourage continual improvement and engagement
- demonstration of statewide value-based healthcare improvements in Queensland Health emergency departments.
- local and statewide capacity building for ongoing implementation of quality improvement initiatives resulting in better patient care and experience, and health system efficiency.

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- supporting innovation for service improvement by decreasing the time between the emergence of clinical evidence and integration into practice.

## Background

Health services, and emergency departments (EDs) in particular, are facing unprecedented demand for services against a backdrop of finite resources. Value-based care is increasingly important, with overuse of low-value care and underuse of high-value care contributing to unnecessary costs and poor health outcomes. To provide efficient and safe healthcare, clinicians must consider the benefits and risks of investigations and treatments, and be aware of options and methods to changing care (1). Value-based healthcare is not only about costs. The quality of care provided to patients can be enhanced with new developments in clinical care. Improving healthcare provision also reduces overcrowding and improves staff efficiency (reduced stress and cognitive load, improved morale and satisfaction), patient satisfaction, and importantly patient safety (2). Frontline healthcare workers are championing this cause, developing and implementing valuable, well-considered, innovative initiatives to improve emergency care. Many initiatives are most likely scalable, however there are no clear pathways, and many barriers to dissemination. PROVED has fostered a culture of innovation, improvement, and capacity building, and promoted collaboration both within Queensland Health and with external stakeholders. Outcomes to date demonstrate that PROVED has contributed to efficiency increases and cost savings, improved patient safety, clinician empowerment (e.g. resources to decrease cognitive load, work to scope of practice), and staff satisfaction, all of which contribute to improved health service delivery and patient care in Queensland EDs.

## References

1. Brownlee S, Chalkidou K, Doust J, et al. Evidence for overuse of medical services around the world. *The Lancet*. 2017.
2. Porter ME. A Strategy for Health Care Reform — Toward a Value-Based System. *New England Journal of Medicine*. 2009;361(2):109-12.

## Further Reading

[Read more about Pitchfest on the Clinical Excellence Queensland blog.](#)

## Resources

