CSDS | Clinical Skills Development Service

Queensland Trauma Education Prospectus

qte.csds.qld.edu.au

Metro North Health | Queensland Government

Foreword

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At the Clinical Skills Development Service (CSDS), our purpose is simple and unwavering: to ensure every healthcare professional across Queensland has access to the skills, knowledge, and confidence required to deliver safe, high-quality care—regardless of where they practise. Queensland Trauma Education (QTE) sits at the heart of that commitment.

Trauma remains the leading cause of death for Queenslanders aged 1 to 44, with the burden falling disproportionately on regional, rural, and remote communities. Yet for many years, trauma education across the state was fragmented, inconsistent, and highly variable in quality and access. Facilities with fewer resources and greater distance from tertiary centres were often the most disadvantaged, despite managing a higher volume and complexity of trauma presentations. QTE was established in 2021 to address this inequity—grounded in a comprehensive statewide training needs analysis and extensive engagement with clinicians working across emergency departments, trauma services, and rural and regional hospitals.

What emerged was the need for more than a single course. QTE was designed as a complete trauma education ecosystem: interprofessional face-to-face training, open-access educational resources, simulation scenarios, case-based discussions, instructional videos, and—soon—expanded online learning. Every element was built to be evidence-based, practical, and immediately usable, recognising the realities of time-poor clinicians and geographically dispersed teams. Above all, QTE reflects how trauma care actually happens—multidisciplinary, coordinated, and dependent on shared understanding across medical, nursing, and allied health professions. We train the way we practise.

Today, QTE complements existing trauma courses and local initiatives, offering a consistent, reliable foundation that can be adapted to local context while maintaining statewide standards. It brings together clinicians from across Queensland to learn from leaders in trauma care, share perspectives, and strengthen collective capability. But this is not the end point. As demand grows and the complexity of trauma care continues to evolve, there is significant opportunity to expand our reach, deepen our partnerships, and further strengthen trauma capability—particularly in the communities where it is needed most.

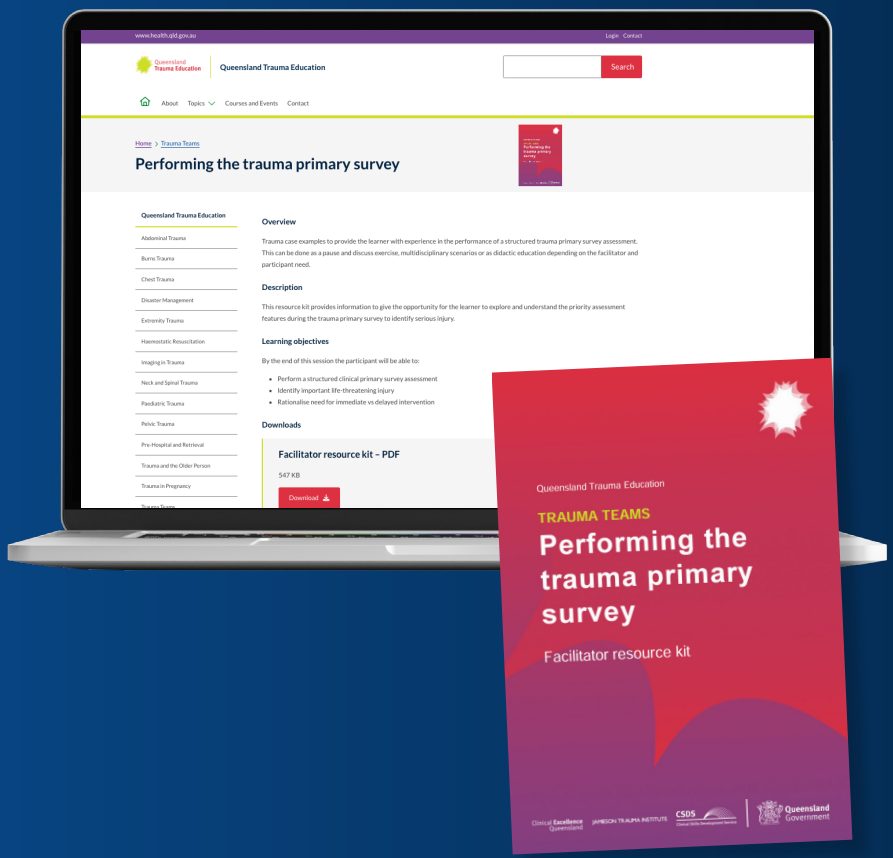
QTE demonstrates what is possible when clinicians, educators, and health services work together toward a common goal. As we look ahead, there is real opportunity to extend this work further—strengthening trauma capability across the state, particularly in regional, rural, and remote settings. By continuing to collaborate, share expertise, and invest in scalable, evidence-based education, we can ensure Queensland's trauma workforce is equipped to meet today's challenges and those still to come, delivering safer, more consistent care wherever it is needed.

What is Queensland Trauma Education (QTE)?

Queensland Trauma Education (QTE) provides multi-disciplinary, ready-made, evidence-based trauma education resources that can be accessed from across the state and delivered locally. The resources include educational modules, trauma guidelines and visual resources available anytime, anywhere. The popular Queensland Trauma Education Course (QTEC) is a one-day, interprofessional trauma workshop focusing on skill development and immersive scenarios to hone trauma knowledge.

Goal:

To ensure every clinician, regardless of location, has access to high-quality trauma education and resources that improve patient outcomes and save lives.



Flagship program - QTEC

The Queensland Trauma Education Course (QTEC) is a one-day, interprofessional workshop focusing on skill development and immersive scenarios to hone trauma knowledge through:

- procedural skills stations
- small-group discussions
- immersive simulation scenarios.

Course focus is on trauma reception and management of multiply injured patients, covering key topics such as:

- prenotification and allocation of roles
- structured trauma assessment
- shared mental models and teamwork frameworks
- splint, binder, and tourniquet application
- chest decompression and intercostal catheter insertion
- ventilation strategies in trauma care.

Facilitated by leading trauma and emergency clinicians, QTEC is delivered both at CSDS and throughout Queensland's regional, rural, and remote hospitals, ensuring every clinician can access training that is relevant, hands-on, and tailored to their needs.

"Has given me a good overall understanding of how to approach the assessment of trauma patients and the initial management of trauma. I feel much more comfortable now if I am involved in a trauma call in the future."

— QTEC participant feedback

Why QTE?

Trauma remains one of the leading causes of death and disability among Australians aged 1–44 years. For rural and remote communities, the challenges are greater — distance, delayed access to care, and limited specialist support all contribute to poorer outcomes.

QTE was developed to bridge this gap by empowering clinicians with structured, evidence-based trauma education that strengthens local capability and confidence in trauma management.

A peer-reviewed evaluation published in Rural and Remote Health (2024) assessed QTE using the Reach, Effectiveness, Adoption, Implementation, and Maintenance (RE-AIM) framework and confirmed its significant statewide impact.

The study found that QTE:

- addresses critical access barriers for rural and remote clinicians
- demonstrates measurable improvements in trauma knowledge, skills, and confidence
- promotes teamwork and communication across multidisciplinary settings
- operates as a sustainable, scalable model embedded within Queensland Health systems
- has strong adoption and growing demand across metropolitan, regional, and rural sites.

The evaluation also confirmed that trauma education needs are greatest outside metropolitan centres, where clinicians often manage complex trauma with limited exposure and resources.

By offering flexible, accessible, and evidence-based education, QTE ensures that every clinician regardless of location can deliver safer, more confident trauma care.

Its success is driven by an approach that is:

- **accessible** - Delivered in flexible formats, both face-to-face and online, reaching clinicians statewide.
- **relevant** - Focused on real-world trauma scenarios and multidisciplinary teamwork.
- **sustainable** - Supported by the CSDS Pocket Centre Network and open-access trauma resources.
- **efffective** - Proven to strengthen clinician capability, teamwork, and patient outcomes.

Together, these findings and design principles reinforce QTE's role as an essential, research-backed component of Queensland's trauma system delivering safer, fairer, and closer care for all Queenslanders.

Impact

Since 2021, QTE has delivered measurable results:

1,106 total QTEC clinician participants

320 of those participants trained outside CSDS

69 courses delivered

24 delivered at regional and remote sites

4.89 / 5 course rating overall

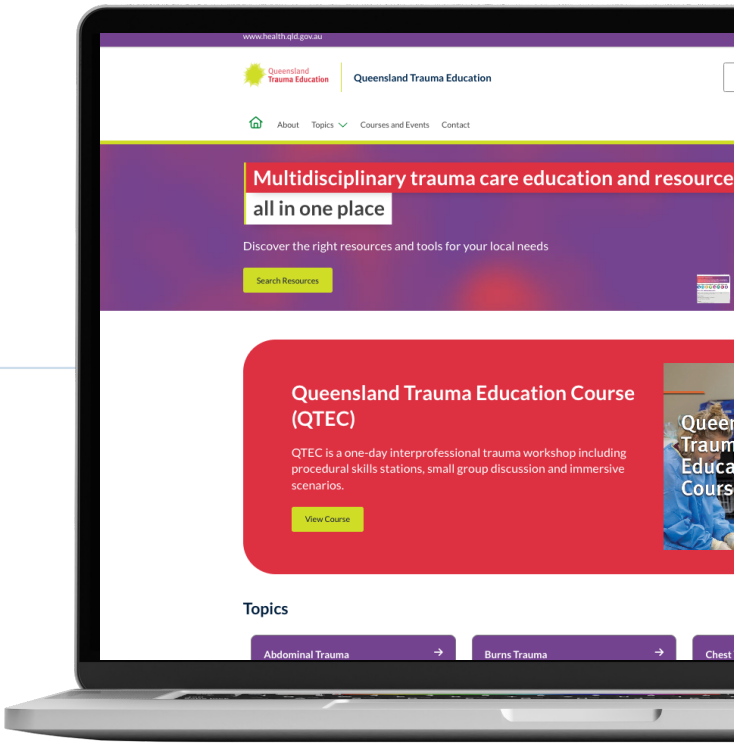
4.8 / 5 confidence improvement

100% would recommend to colleagues

Website engagement continues to grow, with over 15,000 users and 77,000 page views since launch with a 50% increase in traffic in 2024 alone.

15,000 users

77,000 page views

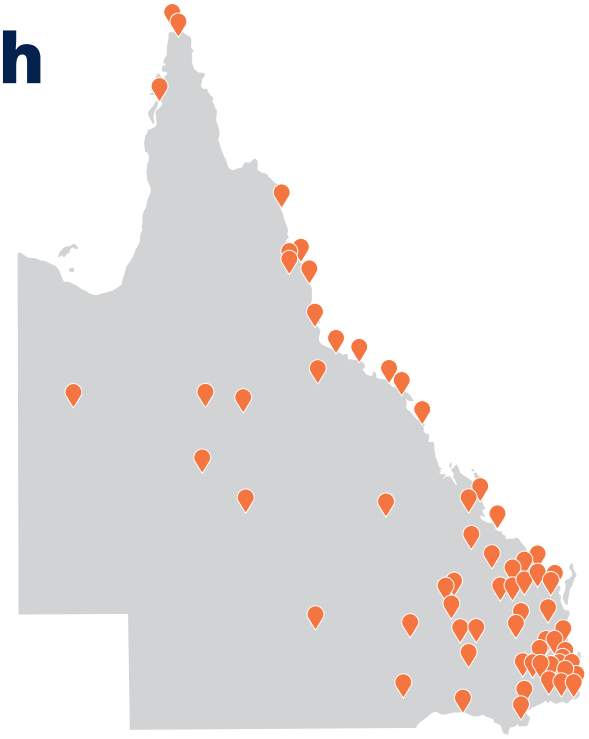


Expanding QTE's reach

QTE's success has generated significant interest and ongoing demand from sites across Queensland. Sustaining and expanding its reach is essential to ensuring equitable access to trauma education and strengthening the state's trauma response capacity.

Through partnership and collaboration, QTE aims to:

- Expand course delivery to more regional, rural, and remote hospitals
- Continue research and evaluation to ensure relevance and quality
- Strengthen statewide trauma capability and clinical networks



Partner with us

As the demand for QTEC across the state keeps growing, QTE is now open for partnerships to keep delivering for Queensland.

By supporting QTE, sponsors and partners help ensure that every clinician no matter where they live or work has access to world-class trauma training.

Your partnership will help:

- Expand QTEC delivery to underserved communities
- Support local training infrastructure
- Empower regional clinicians to deliver safer care, closer to home

Together, we can continue to build a trauma-ready workforce and a safer Queensland.

Contact us

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