



Centre for Global Trauma Quality Improvement: Executive Summary

Background and Need

Nearly 6 million people die every year as the result of traumatic injury, which accounts for approximately 10% of all worldwide fatalities (Sakran et al., 2012). Trauma is the leading cause of death worldwide for people under the age of 45 years, imposing tremendous economic and societal costs. Today, 90% of the global burden of injury death and disability occurs on low-and middle-income nations (Sakran et al., 2012).

Implementation of trauma quality improvement (QI) programmes has been shown to reduce both costs and mortality associated with trauma but remains a neglected area in low- and middle-income countries (Reynolds et al., 2017). The 72nd World Health Assembly (2019) recently passed a landmark resolution seeking World Health Organization (WHO) support for specific QI activities relevant to trauma, including “training for... health workers, system- and facility-level assessments, implementing standards for essential equipment and processes at each level of the health system, and data collection and quality improvement.”

CGTQI Mission and Purpose

Established in 2019, the Centre for Global Trauma Quality Improvement (CGTQI) seeks to create a virtual environment that fosters global trauma QI through shared knowledge, resources, and guidelines across the continuum of trauma care. CGTQI seeks to support objectives outlined by the WHO Global Emergency and Trauma Care Initiative to save millions of lives over the next five years through improvements to emergency care systems (World Health Organization, 2018).

CGTQI Planned Initiatives

1. Develop digital platforms including a website, social media networks, video channels, and forums to house a variety of trauma QI education and resources that can be shared and delivered in multiple formats.
2. Create a collaborative network of stakeholders from around the world for the purpose of sharing information, knowledge, research, and operational best practices related to trauma QI.
3. Identify and develop trauma QI resources to assist healthcare providers, hospitals, and trauma systems accurately, readily, and cost-effectively put trauma QI programs, projects, and principles into practice.

Foundational Principles for the Development of CGTQI Deliverables

- Collaborative
- Evidence-based
- Accessible
- Useful/Achievable
- Timely
- Cost-effective
- Multidisciplinary
- Globally Applicable

The need for improved access to relevant and actionable trauma QI resources is well-documented. The Center for Global Trauma Quality Improvement is committed to advancing initiatives to meet that need, in an effort to support the delivery of optimal trauma care to injured people throughout the world. For more information about the Center for Global Trauma Quality Improvement, please contact Helen Jowett at helen.jowett@rch.org.au or Stephanie Czuhajewski at sczuhajewski@traumanurses.org. Please visit www.globaltraumaquality.com to learn more.

References

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