

Implementation of an Accessible State-Wide Trauma Education Program

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Abstract : The management of trauma is often complex and outcomes dependent on clinical expertise, effective teamwork, and a supported trauma system. The implementation of a statewide trauma education program should be accessible to all clinicians who manage trauma, but this can be challenging due to diverse individual needs, trauma service needs and geography. The NSW Institute of Trauma and Injury Management (ITIM) is a government funded body, responsible for coordinating and supporting the NSW Trauma System. The aim of this presentation is to describe how education initiatives have been implemented across the state. Simulation: In 2006, ITIM developed a Trauma Team Training Course - aimed to educate clinicians on the technical and non-technical skills required to manage trauma. The course is now independently coordinated by trauma services across the state at major trauma centres as well as in regional and rural hospitals. ITIM is currently in the process of re-evaluating and updating the Trauma Team Training Course to allow for the development of new resources and simulation scenarios. Trauma Education Evenings: In 2013, ITIM supported major trauma services to develop trauma education evenings which allowed the provision of free education to staff within the area health service and local area. The success of these local events expanded to regional hospitals. A total of 75 trauma education evenings have been conducted within NSW, with over 10,000 attendees. Wed-Based Resources: Recently, ITIM commenced free live streaming of the trauma education evenings which have now had over 3000 live views. The Trauma App developed in 2015 provides trauma clinicians with a centralised portal for trauma information and works on smartphones and tablets that integrate with the ITIM website. This supports pre-hospital and bedside clinical decisions and allows for trauma care to be more standardised, evidence-based, timely, and appropriate. Online e-Learning modules have been developed to assist clinicians, reduce unwarranted clinical variation and provide up to date evidence based education. The modules incorporate clinically focused education content with summative and formative assessments. Conclusion: Since 2005, ITIM has helped to facilitate the development of trauma education programs for doctors, nurses, pre-hospital and allied health clinicians. ITIM has been actively involved in more than 100 specialized trauma education programs, seminars and clinical workshops - attended by over 12,000 staff. The provision of state-wide trauma education is a challenging task requiring collaboration amongst numerous agencies working towards a common goal - to provide easily accessible trauma education.

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