

Trauma App – burn management at clinicians' fingertips

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Introduction

The NSW Statewide Burn Injury Service (SBIS) worked together with the NSW Institute of Trauma & Injury Management (ITIM), networks within the NSW Agency for Clinical Innovation, to develop a clinical support tool known as the ITIM Trauma App. It provides a 'one stop' resource to assist clinicians in caring for the traumatically injured patients, including burns, from the initial resuscitation to stabilisation and transfer to a regional or major trauma service.

Method

Through an extensive issue diagnostics process, it has been identified that there is an important need to streamline, integrate and present clinical information to all trauma clinicians in NSW, irrespective of location and profession that will aid in care of the injured patient.

The aim of the app is to reduce unwarranted clinical variation through the provision of point of care access to up-to-date, evidence based information, enabling the delivery of optimal care to the injured patient.

To achieve this aim, the Trauma App includes the provision of user friendly trauma resources for both adult and paediatrics, such as a localised guideline repository, specific burn injury resources; interactive checklists, %TBSA and Modified Parkland Formula calculators and detailed NSW health facility information. It is designed to be compatible with smart phone and tablet computer technology across iOS and Android platforms.

Results

The NSW ITIM Trauma App is anticipated to be launched through open and free on iTunes and Google Play in June 2015, with preliminary results expected by August 2015.

Key Words

Burn injury, trauma, app, checklist, parkland formula, TBSA