

SAVING TIME, SAVING LIVES CSC EMERGENCY SOLUTION



Electronic data capture of patient symptoms provides an accurate patient record and view of the situation enabling more effective care.

CHALLENGE

Demand on emergency services is uniquely challenging. By its nature, it needs to be delivered quickly in order to be effective but, like any other form of medical intervention, success depends on having accurate information available at the initial point of contact. In emergency circumstances, the patient may not be able to communicate clearly and, at the same time, paramedics and ambulance personnel delivering treatment may be engaged in a race against time to stabilise and deliver patients to hospital.

SOLUTION

The CSC Emergency Care Solution (ECS) has been designed to improve patient outcomes in all kinds of medical emergency, by putting the right information into the hands of relevant practitioners at the right time.

Based on rugged laptops, carried by hand or in an ambulance, ECS can collate and deliver known patient information, when it exists, directly to the paramedic. In many cases this information provides a better opportunity to treat patients on site. The tablet based touch sensitive application allows the paramedic to create, store and display a comprehensive clinical and operational record of a patient's emergency care episode.

FEATURES

ECS is designed around, and driven by, the needs of emergency care professionals. It uses proven, standards-based technology to deliver a service that is precisely customised to their needs:

- It enables information to be accessed remotely, including the summary care record, enabling real time decision making based on historical records
- It replaces paper records with electronic forms, enabling information to be processed faster
- It links directly to CAD (Computer Aided Dispatch) and to specified Medical Devices such as defibrillator units, significantly enhancing efficiency and quality of data capture
- It links directly to medical devices such as CAD and defibrillator units, significantly enhancing efficiency and quality of data capture
- It provides access to a drugs database and medical protocols, supporting treatment decisions in the field helping to avoid unnecessary admissions
- It provides better management information, such as high frequency calls, clinical guideline compliance, drug use and administration audits
- It has been built to interface with other products including SystemOne and Lorenzo

BENEFITS

Where a visit to Emergency Department is warranted, the paramedic and ambulance team can transmit data via GPRS, in real time, to the patient receiving location. This enables hospital clinicians to view the electronic Patient Record Form (e-PRF) thorough a web interface in the hospital. The ability to receive detailed information about the patient's condition, together with the care given so far, allows hospital clinicians to prepare for arrival. The benefits of this approach are significant:

- It saves clinician time by cutting out duplication of effort in writing up and updating patient records
- Electronic data capture of patient symptoms provides an accurate patient record and view of the situation enabling more effective care
- By reducing assessment time and speeding up delivery of care, patients are likely to receive a better outcome and level of care.

Reducing the number of Emergency Department submissions frees up valuable resources both in the ambulance service and Emergency Department. The more treatments provided in situ, the better the Ambulance service is able to maintain responsiveness and deliver effective and efficient community service.

SUMMARY

ECS connects emergency service practitioners, electronic patient records, Emergency Departments and primary care organisations in real time. Whether in a patient's home, by the roadside or in an ambulance on the way to hospital, the practitioners delivering emergency care and the patient receiving it will never be on their own. ECS will certainly save resources and, in many cases, it could save lives.



To discuss further or to arrange a demonstration:
call us on 0845 602 4204 or email us nhs.deployment@csc.com

WORLDWIDE CSC HEADQUARTERS

The Americas

3170 Fairview Park Drive
Falls Church
VA. 22042
United States
+1.703.876.1000

Europe, Middle East, Africa

Royal Pavilion
Wellesley Road
Aldershot, Hampshire
GU11 1PZ, United Kingdom
+44(0)1252.534000

Australia/New Zealand

26 Talavera Road
Macquarie Park
NSW 2113
Australia
+61(0)2.9034.3000

Asia

139 Cecil Street
#08-00 Cecil House
Singapore 069539
Republic of Singapore
+65.6221.9095