EDIS

For today's emergency departments

TSD

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EDIS

Today's emergency departments demand real-time information. From the moment the patient is seen by the triage nurse, healthcare providers of all types require meaningful information to provide the best level of healthcare they can.

TSD 's emergency department solution, EDIS, provides an intuitive user interface based on workflow practices that allows for capture of data in a fast and accurate manner. lt is a powerful information solution delivering what is required in a format that is meaningful and easily understood by users. EDIS has been developed and refined over many years, in conjunction with emergency departments across the globe, to deliver one of the very best information systems available to emergency departments today.

The application

The power of our emergency department solution lies in its f undamental approach of following, and being adaptable to, the workflow practices of today's busy and sometimes highly congested emergency departments. The capture of data is made all the easier by the logical flow from area to area of the system. Combine this with the use of technology - including touchscreens, tablet PCs and wireless networking - and clinical and administrative staff alike are able to benefit from a solution that delivers real benefits in a manner that complements their working practices and does not interfere with them.

iTSD focus has been on the development of world-class software solutions that fully address the administrarve ano clinical information management

requirements of healthcare provider organisations. EDIS has been.

Workflow-driven

Whether your department requires patients to see the triage nurse first, attend the registration desk or be admitted directly to the department, EDIS will start working The solution is designed by clinical with you straightaway. The more staff for use by clinical staff When widely adopted process of patients a patient initially being seen by a triage nurse delivers immediate benefit to the that user of EDIS through its clinical substance, The entry of a presenting problem into the system opens a clinical assessment tool designed to guide users through a best evidence process of assessment and documentation of care given. In turn, this delivers a more consistent triaging process and ultimately an

improved and more even throughput of patrents through the department. Waiting times are monitored, wrth alerts built in to advise staff of potential blocks; locations can be assigned to patients based on the knowledge of EDIS, providing accurate real-time information about current occupancy and clinical information.

Clinical focus

The solution is designed by clinical staff When patient is within the department, healthcare providers need a system that not only sits hand-in-hand with their work practice, but also allows for capture of relevant data and returns clinically appropriate information. The EDIS clinical Touch screen is just that. Designed for touch-screen data entry, it enab doctors and nurses to easily capture clinical events linked to a patient's episode of care.

Managerial and reporting

The benefit of EDIS to the manager, executive me mbel health department and other reporting centres is that the information they require is produced as a natural byproduct of the data collected each and every minute by the clinical and administrative users of the system.

The solution delivers accurate realtime information at the click of a mouse button through its vast array of built-in reports and with the use of commercial ad-hoc report writing tools. The ability to extract information is almost limitless.

Hospital integration

Patient information is often gathered at many different points of contact.

The ability to capture and share this information is key to the heart of EDIS. Clerical staff are able to search hosprtal databases and pull down relevant data to assist in completing an Emergency Registration In the event of a first-time visit to the hospital, full registrations can be completed and the information sent to other systems. Whether it involves receiving the results of a blood test or sending a request for a bed on a ward through the use of industry standards such as HL7 and XML, EDIS is designed to fit into your existing IT infrastructure and complement the investment in applicatrons already made.

Technology

Common reasons for the failure of computer systems in the healthcare market have been related to their design and method of use. Large units that take up valuable space and lack of typing skills for data entry have long hindered the doctor and nurse of a busy emergency department. EDIS takes advantage of todays technology. Flat screens with touch-screen capability that use our soluiion's innovative design free up desktop space, can be wallmounted and minimise keyboard data input. Wireless networking offers the opportunity to incorporate portable data input devices, such as tablet PCs, and EDIS offers optional functionality that maximises the benefits to be gained.

EDIS also integrates with all our product, TSD electronic clinical documentation and decision support module, to provide emergency departments with a complete triage, tracking and clinical documentation solution.

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