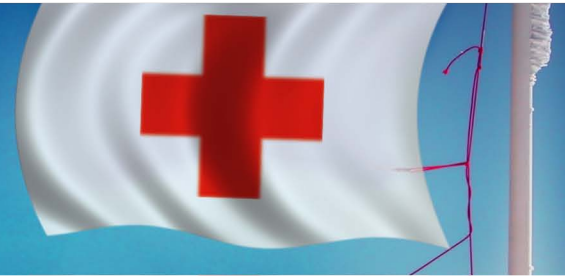# Point of Control. Healthcare

Case Study

Solution

Real Time Documentation

Products

PA600 MCA

People's Hospital of Jiangyin City, Jiangsu Province implements PA600MCA

People's Hospital of Jiangyin City in China selected Unitech's PA600MCA for medical care quality through real time documentation based on their wireless infrastructure.

Challenge

Real time documentation is a critical process for improving the increasing demands of medical care quality. A traditional medical care documentation process consists of writing down medical information, and inputting the data into a computer system. Medical staff members feel that this process is time consuming because the flow of information from the preparation room to the hospital ward is delayed.

People's Hospital of Jiangyin City wants to implement a mobile clinical solution platform for real time documentation that is based on its wireless infrastructure. To improve medical care quality for real time documentation, the Hospital decides to install the PA600MCA (Mobile Clinical Assistant) at the frontline of the platform.

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"Point of Care goes Mobile"

Solution

Doctors and nurses input medical information during ward rounds with the PA600MCA. The information includes medical orders, medical records, drug use and medical equipment. Medical staff can adjust a treatment scheme according to a patient's needs with the PA600MCA.

Nurses can receive realtime medical orders on the PA600MCA, and identify patients by scanning their wristband. This ensures that the right medical treatment is performed on the correct patient.

Medical order errors or mistakes on patient health records can jeopardize patient safety. However, with the PA600MCA nurses and pharmacists are alerted immediately if an error is found. In addition, the system can automatically trace the distribution, application and expiration date of any drug by use of scanning patient identification.

If a co-consultation is needed, the patient's records will be sent to the necessary doctor's PA600MCA, so they can review all information before the consultation.

Nurses can verify a patient's information by scanning a bar code on the patient's ID bracelet and infusion bag with the PA600MCA. The mobile computer also ensures that are no errors on the type and amount of drug infusions.

The introduction of the PA600MCA's patient safety system provides the hospital with a full patient safety management solution. RFID technology is applied to perform safety management by specially monitoring patients.

Achievement

The introduction of mobile medical care solutions effectively improves efficiency and reduces cost on preveting medical errors. This provides better medical care services to patients and meets the increasing demand for medical care solutions.