

Automating the Operations of the Hospital Pharmacy using Barcode Technology

Client

Evangelismos Hospital is a pioneering medical facility conceived and created by distinguished medical professionals with a common concern for public health and human dignity. It is presently the most modern integrated medical facility in Cyprus.

Need

Automating the dispensing system of hospital inventory to reduce the medical errors.

Challenge

Evangelismos found that the medication error was fairly common with pharmacy dispensing. The medical and non-medical inventory items had no barcodes. At the point of sale, identifying the drug/item from a huge list of products was a complex task which was time consuming and prone to medical errors.

Hence the administration identified the need for an automated technology that can substantially reduce the medication errors and dispensing errors, which can harm patients.

Solution – Cintiti health Barcode Technology

If the hospital administers medicine or change a bandage, the supplies used are electronically tracked and matched by barcode to individual patients, enabling more accurate patient billing and automatic stock level adjustment.

With the implementation of barcode technology in Evangelismos, every medication was affixed with a bar code. And also the pharmacy affixed a barcode onto every medication if the manufacturer had not applied a barcode.

The barcode scanning technology records the supplies used in the hospital and then transfers that information to the HIS, thus helping the hospital optimize the inventory management system.

Benefits

Evangelismos has recognized the improvements brought about by the implementation of barcode technology in the hospital.

- Barcode has enabled auto identification of medical items, consumables.
- Errors related at the point of sale were minimized through systems that operate in conjunction with improved barcodes on drug products and related medical supplies.
- Cintiti health is dedicated to helping pharmacies lower operating costs and reduce dispensing errors.
- Improved drug monitoring and better pharmacy inventory management.
- Manageability and high performance of the hospital stores.
- Improves workflow and staff efficiency.

The pharmacy system in Evangelismos has enabled more effective monitoring of drug therapies and interactions and helped standardize pharmacy practice.

Cintiti Health has fundamentally changed the inventory process at Evangelismos, resulting in far greater operating efficiency and quality of information vital to safe, attentive patient care.

Cintiti health barcode technology has a substantial impact on medication errors and is an affordable solution for improving the patient safety.