

Whitepaper

What is Patient Room Automation?

The patient room can be a hectic place. While caregivers are rushing in and out to administer procedures and supplies they are also calming the anxious patient as well as the worried family members. At the same time, equipment is being swapped out for new or different gear. The patient room also sees shift changes and doctor visits that can create confusion on what has been done, what has been charged, and what is the next step for the patient. As soon as the caregiver leaves the room they then have to spend their valuable time with manual data entries. Often these paper-and-pencil entries are missing a charge or event because that caregiver is in a hurry to get to the next patient in need of their assistance.

This creates an environment that is inefficient, costly, and time consuming as caregivers spend their precious time with labor-intensive processes. This also generates an awful position to be in during the current economic downturn. Many healthcare facilities are facing budget cuts. Lost charges and cost inefficiency on an organization-wide level produces a disastrous outcome for any healthcare institution.

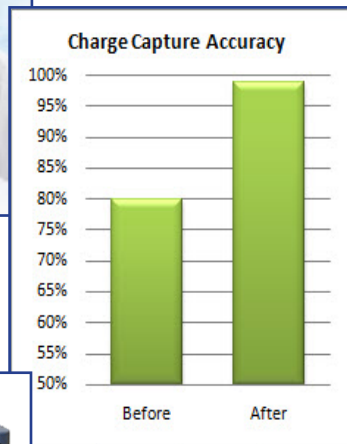
CaraFlow, LLC offers a solution to these problems. Through automated information recording, enhanced process efficiency, and increased bottom-line savings, CaraFlow creates Patient Room Automation.

Patient Room Automation focuses on streamlining the processes and events that occur in and around the patient room. Implementing automation into the patient room builds a system that is proficient in recording, managing, and filing away patient information. Patient Room Automation eliminates the inaccurate process involving paper charge sheets, tedious computer entries, and daily charge audits. Automating charge and event capture allows caregivers to electronically capture and submit charges for procedures, medical equipment, and supplies.

By automatically tracking and recording procedures performed by the caregiver or a physician, charge capture accuracy and revenue are increased while reducing the overall labor required to capture these events. Patient Room Automation also instantly detects a piece of equipment as it enters into a patient room and automatically charges the patient for its use. If the patient leaves the room with the equipment or changes rooms, there remains an association between the patient and the piece of equipment until the patient is discharged or the equipment is taken out of use. This ensures accurate charge capture to nearly 100%. Supply capture and charge automation records the use of supplies at the patient's bedside rather than in a supply closet. Automating charge and event capture generates revenue by increasing charge accuracy.

Patient Room Automation also integrates a wireless equipment tracking system into the solution. This wireless tracking creates total asset utilization. Caregivers know where equipment is at all times. The healthcare facility no longer spends money on renting or purchasing new equipment. Knowledge of the location of equipment also increases the efficiency of the cleaning and distribution process.

CaraFlow's Patient Room Automation eliminates labor-intensive processes, tiresome manual data entries, cost-inefficiencies, and streamlines patient-history recording, managing, and charging processes. Patient Room Automation ultimately reduces cost and increases the amount of time for caregivers to focus on direct patient care.



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