

2012

myDawa™ eMAR

eMAR Solution

eMAR (Electronic Medical Administration Record), is a point-of-care process that utilizes barcode reading technology to monitor bedside administration of medication. Generally, accepted inventory management include: Pharmacy to track inventory; Inventory management concepts to include identification; Patient wristbands and medical records; verification process and decision-making tool at 'point-of-care' at bedside.



Contents

Executive Summary..... 2

Current State of Affairs 2

The “Generic Solution” to the Issues at Hand 3

The “Name Brand Solution” To the Issues at Hand (myDawa Solution)..... 3

 Implementing myDawa™ will: 3

myDawa™ reporting is state of the art 4

myDawa™ excels at Integration..... 4

 Numbers don’t lie 6

Executive Summary

Each year preventable medication errors KILL an untold number of people. The human tragedy of losing a loved one cannot be measured in dollars. But the cost to the health care industry of these needless deaths is estimated to be billions of dollars each year.

National attention to address this problem by regulatory bodies, such as the Joint Commission, FDA ,The Institute for safe Medication Practices, and Presidential committees continues to accelerate.

Technology has matured to the point that it can when aligned with operational process all but eliminate these needles tragedies in a very cost effective manner.

Current State of Affairs

The Institute of Medicine stated in 2006 that at least 1.5 million preventable adverse drug events occur in hospitals nationally and the additional costs of treating iatrogenic drug-related injuries conservatively amount to \$3.5 billion per year.

Today's patients often receive as many as 50 to 60 different medications or formulations over the course of their treatment.

Nurses and medical technicians have been taught to follow the rule of "Five".

1. Right Dose
2. Right Time
3. Right Route
4. Route Medication
5. Right Patient

When these rules were devised the world was a different place. It was never envisioned that the process of dispensing medicine would become as complicated and critical as it is today. This trend toward more medications and tighter regulatory compliance is only going to continue to accelerate.

Several research studies have examined electronic medication administration errors. One study by Leape and Colleagues found that:

39% of all errors occur during the ordering process

38% during administration

12% during transcription

11% in pharmacy preparation

The “Generic Solution” to the Issues at Hand

Of all the electronic tools currently involved in the medication use process, the EMAR is the one most likely to be utilized by virtually every member of the health-care team.

It is vital that EMAR solution being considered easily demonstrate the operational and financial advantages that it will enable by:

- Being easy to learn
- Automating administrative tasks
- Facilitating supervision
- Integrating nursing, pharmacist and doctor activities
- Integrating with other systems and processes
- Contributing to bottom line savings

The “Name Brand Solution” To the Issues at Hand (myDawa Solution)

W&K systems have developed an industry leading EMAR solution, myDawa™. The system was designed with your busy staff in mind. User interfaces used in the Field (outside of the nursing station) are based on user friendly Touch Screen technology. No more hunting, pecking, clicking and squinting to perform routine tasks. Instead myDawa™ leverages advanced touch screen technology to make YOUR job easier and to cut down on preventable errors.

Implementing myDawa™ will:

- Enhance communication between patients, families and caregivers
- Improve the coordination of multi-disciplinary care delivery
- Reduce errors and increase resident safety
- Improve working conditions and job satisfaction amongst staff
- Increase operational efficiency
- Reduce administrative burden / cost

myDawa™ reporting is state of the art

Because the system is always up to date information is always just a click away. Reports which had been time consuming and onerous to prepare essentially require no special effort on your part to generate. You are in control!

Want to know:

Which medications were distributed and by who?

Which medications weren't distributed?

Which medications are in the process of being distributed?

Which PRNs were not followed up on?

Which staff members need more training ?

Admit and discharge notifications?

Status of the pharmacy orders?

Status of the Dr. Orders?

myDawa™ excels at Integration

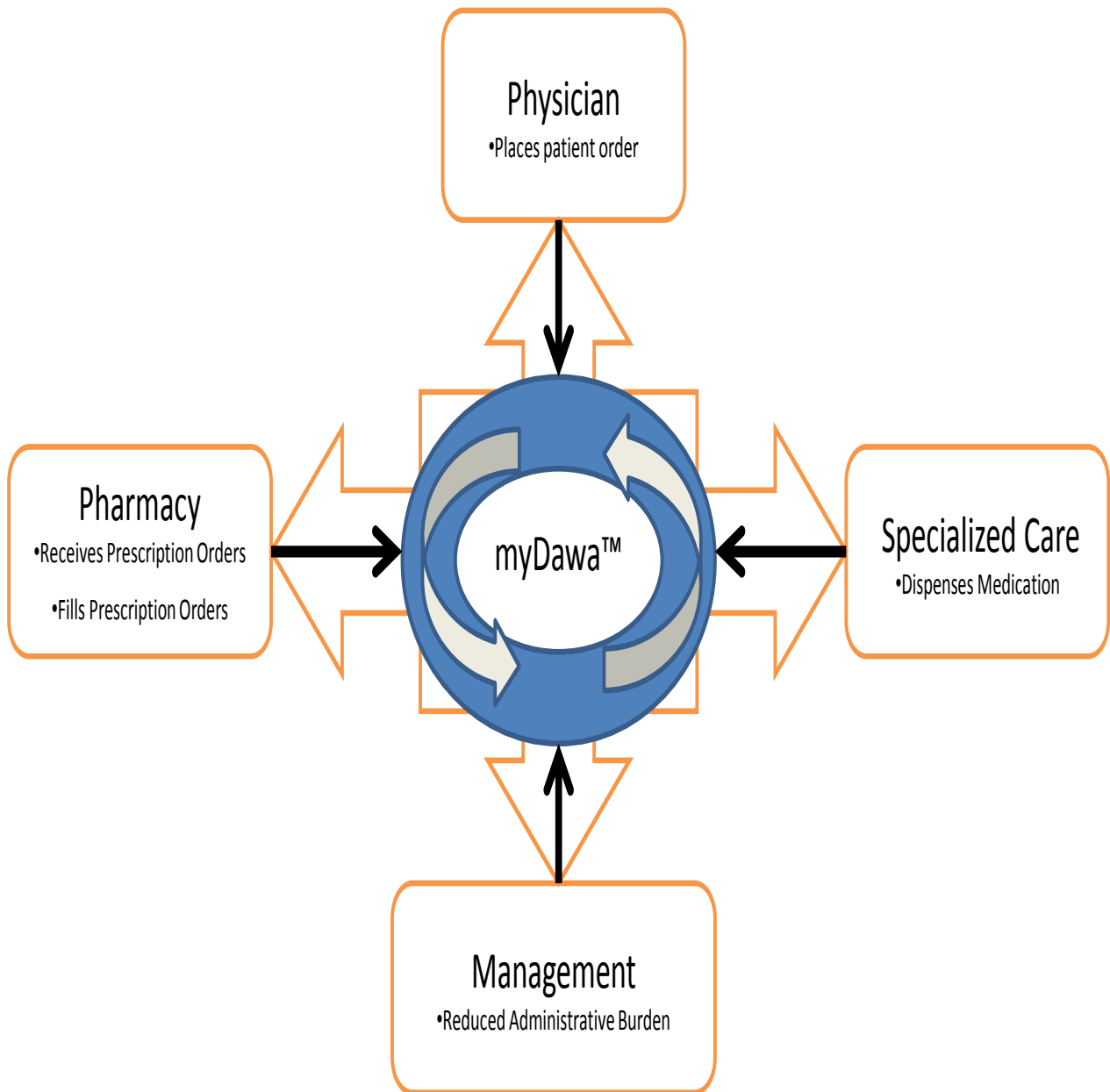
Numerous professional organizations agree that Information Technology promises to be a key integrator across the spectrum of health care services.

How many times have you heard your staff say "if only this system talked to that system" ? As we all know too many times data from different systems has to be manually reentered into other systems. Besides being inefficient this process presents the opportunity for operational errors.

myDawa™ is based on an open architecture and open standards. What does this mean?

It means that it can easily be integrated with your other systems. Say "good bye" to the days of information islands. Say hello too easy to implement, easy to use, easy to maintain and an affordable solution - myDawa™

Integration Operational / System



Numbers don't lie

Telling you in this paper the exact dollars you will save with myDawa™ system cannot be broken down to an exact science. Every organization is different. The standard ROI looks at the following categories.

- 1) Staffing Costs
- 2) Fine Avoidance
- 3) Lawsuit avoidance
- 4) Insurance

The bottom line we know we have a great product that will significantly reduce the costs of the items listed above.

Additionally, we also know that our product will have a positive impact on your organizations rating. Its considerably harder to quantify what a higher organizational rating will translate into. But were comfortable with suggesting that you will not only see higher occupancy rates but occupancy with more profitable residents.