



Physician Orders

Physician Orders. As physicians prescribe their orders using the *VISUAL Physician Order* system they have access to the resident's medical profile and their current medications.

Drug Interaction Checking. The physician accesses a new medication from a drug database and equivalent medications are displayed based on the payer source for that resident. Each new medication is checked for drug/drug, drug/allergy and drug/food interactions. Diagnoses codes are attached to all medication orders.

Transmission to the Pharmacy. After the physician enters the medication, the order is sent electronically to the pharmacy. Back-and-forth telephone calls between the physician and the pharmacy, due to illegible handwriting, are thus eliminated.

Orders need not be manually transcribed onto the *Medication Administration Record*. They become immediately available to the nurse (Fig. 1) as they use the integrated *Visual eMAR* system to help administer the medications to the residents. This drastically reduces adverse drug events.

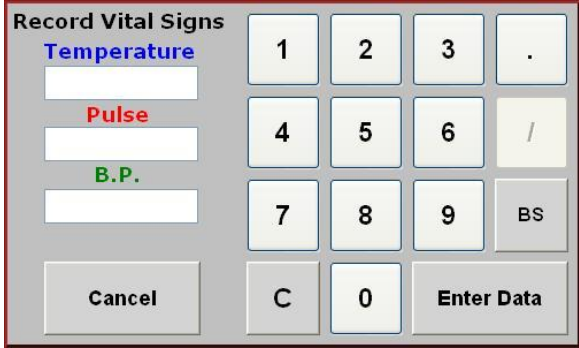
Electronic MAR

eMAR Tablet PC. A specially designed light-weight Tablet PC (Fig. 1) is used by the nurse to help administer the medications to the residents. No physical keyboard is used. The nurse simply taps an icon on the screen or a virtual keyboard (see below) as necessary.

Bar Code Reader. A built-in bar-code reader on the Tablet PC enables the nurse to scan the bar-code on the resident's armband as well as the bar-code on the medication packaging. This assures that the proper medication is given to the right resident.

An actual picture of each medication to be administered appears on the Tablet PC. As each medication is administered a check-mark is placed over the medication. If the resident refuses the medication an X is placed over it (Fig. 1).

Vital Signs. The nurse is prompted to enter vital signs (see below) prior to administering medications that require that they be taken.



Pain Management. For medications that alleviate pain the nurse is prompted to enquire about the resident's pain and record the pain level (see below).

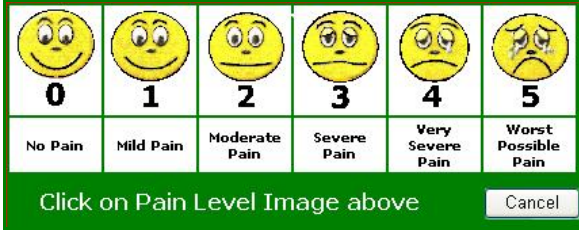


Fig. 1: Motion C5® with Built-in Scanner