Bar Code Medication Administration

Physician/Provider Changes and Use of WebStation to Acquire Information about Medications given Effective 1/11/2011
Benefits of Bar Code Medication Administration

- According to the American Society of Hospital Pharmacists and the Institute of Medicine, Bar Code Medication Administration:
  - Provides an accurate record of administration
  - Reduces preventable medication errors
  - Decreases cost
Changes Effective 1/11/2011 at 0700

- Current patient paper MAR (Medication Administration Record) is being replaced by EMAR (Electronic Medication Administration Record).

- Physicians will continue to write medication orders in the patient’s blue chart and these orders are transcribed in the pharmacy.

- Unit clerks will no longer transcribe medication orders onto a paper record.

- Nurses will “note” medication orders electronically and will electronically document medication administration in Paragon Medication Administration Module.
Changes - continued

• Nurses and Respiratory Therapists will scan patient wristbands and medications at the bedside; the computer helps confirm the 5 rights
• The system alerts users to medications that are due or over due
• The system captures data about late doses, early doses and “near miss” events
Physician view of the eMAR through WebStation

- Patient medication administration record is available under the Meds tab in WebStation.
- The initial view on the Meds tab shows medication orders as entered by pharmacy. Date filters and Active Orders check box govern the list displayed for you. Check these settings carefully. Remember you can save personalized settings or restore system defaults with

- To view administration information, you must drill down into the order. You can look at orders one at a time or many at a time, as you would with lab results
- The order detail will show scheduled administration time designated by pharmacy/physician order, the actual administered time OR the reason why medication was not given, the administered dose, route, who administered it, and if it is a late dose the reason why.
- NG in red font next to the scheduled time denotes the med as not given.
The MedRec Tab-HPF

• The eMAR will be sent to Horizon Patient Folder daily.
• This report will show all of the medications administered for a 24 hour period.
• Access the reports through WebStation – Med Rec tab, in the Care Station Folder
• Reports viewed in this way will look similar to the paper MAR, and provide a more global view of medication administration
Physician View - continued

- Certain medications are linked together; examples include meds that may be given by multiple routes (Zofran 4mg IV or PO), or medications specifically ordered together (Diovan and Hydrochlorothiazide). In these circumstances, when you click the med detail for one of these meds, any “linked” meds open as well. You will see a link field populated with the appropriate pharmaceutical terminology for these complex orders.
- The patient paper diabetic flowsheet will no longer be used. Nursing will document insulin administration electronically. Accuchek (Precision Glucose Monitor) results are available in the Results tab of WebStation. Nurses will also document these in the CareStation application.
- Glucose monitoring results are found under the Vitals tab (Measurements) in WebStation.
- Reference to the standardized sliding scales – parameters for coverage-will be in the bedside chart; a reference guide only.
- Blood administration will be documented on the eMAR.
- Tube Feeding intake with be recorded on I&O, formula is contained in a diet order.
New Wristbands

- Patients will be wearing new wristbands to facilitate bar coding.
- The new wristbands are specifically geared toward a bar coded patient identification solution and improve reliability of scanning.
Click on Meds tab
Choose your time frame

<table>
<thead>
<tr>
<th>RX#</th>
<th>IVP</th>
<th>Generic Name</th>
<th>Brand Name</th>
<th>Dose</th>
<th>Route</th>
<th>Freq/Rate Description</th>
<th>Start Date</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>387757</td>
<td>MED</td>
<td>AMBIEN</td>
<td></td>
<td>5 MG</td>
<td>PO</td>
<td>AT BEDTIME</td>
<td>12/14/2010</td>
<td>Active</td>
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<tr>
<td>387823</td>
<td>MED</td>
<td>LANTUS SOLOSTAR</td>
<td></td>
<td>2 UNITS</td>
<td>SQ</td>
<td>EVENING</td>
<td>12/14/2010</td>
<td>Active</td>
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<tr>
<td>387822</td>
<td>MED</td>
<td>EFFEXOR</td>
<td></td>
<td>37.5 MG</td>
<td>PO</td>
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<td>12/14/2010</td>
<td>Active</td>
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<td>387820</td>
<td>MED</td>
<td>COREG</td>
<td></td>
<td>3.125 MG</td>
<td>PO</td>
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<tr>
<td>387818</td>
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<td>GLUCOPHAGE</td>
<td></td>
<td>500 MG</td>
<td>PO</td>
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<td>LOPRESSOR</td>
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<tr>
<td>387795</td>
<td>MED</td>
<td>COUMADIN</td>
<td></td>
<td>1 MG</td>
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<tr>
<td>387794</td>
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<td>LIPIATOR</td>
<td></td>
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<tr>
<td>387806</td>
<td>MED</td>
<td>COMBIVENT</td>
<td></td>
<td>2 PUFFS</td>
<td>INH</td>
<td>EVERY 4 HOURS</td>
<td>12/14/2010</td>
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<tr>
<td>387824</td>
<td>MED</td>
<td>NOVLOG FLEXEN</td>
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<td>2 UNITS</td>
<td>SQ</td>
<td>BEFORE MEALS AND AT BEDTIME</td>
<td>12/14/2010</td>
<td>Active</td>
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<tr>
<td>387821</td>
<td>MED</td>
<td>THERAPEUTIC MULTIVITAMIN</td>
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<td>1 TAB</td>
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<td>387817</td>
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<td>Active</td>
</tr>
</tbody>
</table>
Place check mark here to choose only active orders. Leave blank to see all orders.
Click on any underlined med to get to the med detail screen.
To see more than one med detail at a time, place a check mark in boxes on the left and click detail button.
Sched Time = Designated by pharmacy.
AdminTime/Not Given = Actual time med was administered or reason not given.
Late Dose = Reason medication was given late.
Example of nurse entered blood glucose results.