Columbia St. Mary's
A Passion for Patient Care℠

Hospital EHR – Medical Staff Newsletter
October 2017, Volume 4, Issue 8

For questions, comments, or suggestions regarding the EHR or this newsletter, please contact me directly.
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Topics this edition
Order/PowerPlan Changes to support TJC medication order compliance, Week of 10.30.17
In-House Support Reminder

Order/PowerPlan Changes to support TJC medication compliance, Week of 10.30.17

Starting the week of October 30ᵗʰ you will notice changes for many medication orders and PowerPlans. These changes are being implemented to support workflow surrounding entry of orders that comply with CSM policy and Joint Commission standards.

The design changes have been extremely extensive involving hundreds of PowerPlans and thousands of orders. As always, if you find any of the new orders or PowerPlans are creating workflow issues, or it appears there has been a design error, do not hesitate to let me know.

RN medication administration must be based upon clear instructions from physician orders.
EHR changes follow guidelines that support clear orders.

- To avoid therapeutic duplication, PRN medications cannot have the same PRN indication unless order of use clear.
    - Examples of compliant orders.
        - Different PRN indications based on level of pain:
          Tylenol PRN mild pain and Vicodin PRN moderate pain
        - Different PRN indications based on route of administration:
          Oxycodone PO (oral) PRN Pain Severe
          Morphine IV Push PRN Pain/Severe – Oral Intolerant/Ineffective
        - Use of comments for clarification:
          Zofran PRN nausea and vomiting
          Compazine PRN nausea and vomiting (comment – use if Zofran is ineffective).

- Infusion Orders for Titration Medications must contain clear instructions per the following format.
    - Initial Rate
    - Titration Increment
    - Titration Interval
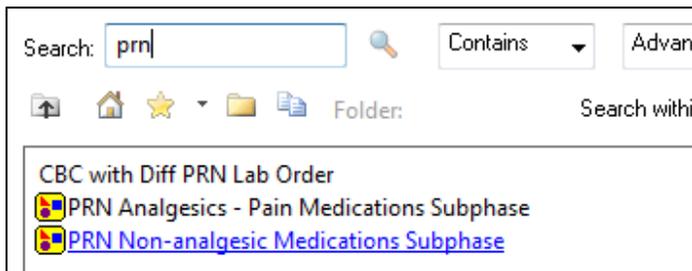   - Max Rate
    - Goal

Use of redesigned orders and PowerPlans is expected to support compliant orders. If orders are not clear then nursing or pharmacy staff is required to contact the ordering Provider for clarification. This can delay appropriate care of our patients.

EHR changes week of 10.30.17

- Default instructions for adhoc order sentences, PRN subphases, and PowerPlans were developed in cooperation with pharmacy, nursing, and physician staff. **Ordering providers are always responsible for reviewing orders and adjusting based on a patient's clinical situation and needs.**
- Additional PRN Pain indications will be available.
  Use of the following indications with IV/IM medications will prevent therapeutic duplication with oral pain med orders.
    - Pain/Mild **–** PO Ineffective/Intolerant
    - Pain/Mod – PO Ineffective/Intolerant
    - Pain/Perineal PO Ineffective/Intolerant
    - Pain/Severe – PO Ineffective/Intolerant
  The indications with "PO Ineffective/Intolerant" support use of IV medications in patients who have not previously had an adequate response to an oral medication or cannot take oral medication due to NPO restriction or symptoms.
- The indication <u>Pain or Fever</u> has been modified to <u>Pain Mild or Fever</u>.
- Quick Pick order sentences for individual orders will be updated with new/modified indications.
- PowerPlans with PRN Orders will be updated with addition of PRN subphases and/or modification of current orders.
    - **PowerPlan updates will remove, replace, and modify PRN orders. While this will not disable any affected favorite PowerPlans, you will see an alert notifying you a change has been made. By resaving the favorite PowerPlan you can avoid seeing the alert again**.
- Clinical Decision Support Pop-up Alerts will block orders with duplicative PRN reasons for pain.
  (The PACU is excluded from the alerts as many surgical patients have additional PRN hospital orders on the record and the alert would inhibit efficient patient care in the PACU. Therapeutic duplications are avoided because PACU RNs utilize only PACU orders.)
- Infusion Order Instructions for Titration Medication orders will be updated in affected PowerPlans.

PRN Subphases (mini PowerPlans)

Two new subphases are available. These subphases are in many PowerPlans and also can be accessed through order search. Language within the subphase orders supports avoidance of therapeutic duplications.

The **PRN Non-analgesic Medications Subphase** contains orders for the treatment of the following conditions:

- Nausea/Vomiting
- Indigestion
- Constipation
- Diarrhea
- Insomnia
- Pruritis

The **PRN Analgesic Pain Medications Subphase** is subdivided into categories based on level of pain. In addition, oral medications are separate from IV. An effective way to utilize the subhpase for patients with more than mild pain is to be sure to pick an oral and IV medication from each category.

Pain Scale utilized by nursing for Pain Assessment
0 – 3: Mild Pain
4 - 6: Moderate Pain
7 – 10: Severe Pain

Sample MAR Summary with PRN pain medications showing non-duplicative indications

Time View	10/26/2017 0000 - 2359	10/25/2017 0000 - 2359	10/24/2017 0000 - 2359	10/23/2017 0000 - 2359
acetaminophen 650 mg, Tab, PO (oral), q4h PRN Pain - Mild or Fever, Start Date: 10/26/17 9:13:00 CDT	PRN			
acetaminophen-oxyCODONE (acetaminophen-oxyCODONE 325 mg-5 mg tab) 1 tab(s), Tab, PO (oral), q4h PRN Pain - Moderate, Start Date: 10/26/17 9:13:00 CDT, Rank:	PRN			
acetaminophen-oxyCODONE (acetaminophen-oxyCODONE 325 mg-5 mg tab) 2 tab(s), Tab, PO (oral), q4h PRN Pain - Severe, Start Date: 10/26/17 9:13:00 CDT	PRN			
morphine 2 mg, Injection, IV Push, q1hr PRN Pain/Mod- PO Ineffective/Intolerant, Start Date: 10/26/17 9:13:00 CDT	PRN			
morphine 4 mg, Injection, IV Push, q1hr PRN Pain/Severe- PO Ineffective/Intolerant, Start Date: 10/26/17 9:13:00 CDT	PRN			

Admit Medication Reconciliaton

If patient is on pain medication at home with a PRN indication of non-differentiated "Pain" and this is continued in the hospital, no other orders may be on the hospital record with any other type of PRN pain indication (general or differentiated). Therefore, **if PRN pain medications will be needed in addition to the home medication, then the home medication PRN reason should be made more specific, such as "Pain - Moderate".**

Following are situations that will trigger CDS alerts that provide guidance and alternative options:

- Chart contains order with PRN indication of "Pain" AND additional order placed with ANY/ALL other PRN indications containing Pain (examples: Pain, Pain Mild, Pain/Severe – PO Ineffective/Intolerant, etc.)
- Chart contains ANY type of PRN Pain indication AND additional order placed with indication of "Pain".
- Like to Like (example: Pain - Mild triggered by Pain - Mild)

In-House Support

In-house support is available <u>Monday through Friday from 8am to 4pm</u> on both Ozaukee and Milwaukee campuses from Caitlin and Kevin of the Clinical Informatics Team. They have offices on each campus and can provide both in person as well as over the phone assistance. Please do not hesitate to contact them directly during these hours.

Connect to them directly by dialing Vocera and requesting "**EHR support."**
Ozaukee Vocera Phone: 262-243-6707
Milwaukee Vocera Phone: 414-585-1995

For urgent/emergent EHR technical assistance outside of the above hours, contact the Help Desk at 414-326-2400. When asked for an extension, choose "7" for expedited transfer to a service desk analyst.