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Quality Residency Capstone

Mary Lanning Healthcare

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November 2022

Team

- Chief Nursing Officer (CNO)
- Quality Director
- Inpatient Nurse Leaders
- Inpatient Quality Coordinator (IQC)
- Frontline Staff

AIM Statement

- By December 2022, Mary Lanning inpatient units will improve our pain documentation compliance in the electronic medical record (EMR) by 10% from baseline year 2021.

Measures

- Definition: PRN pain medication administration documentation at ordered range or documentation for alternative reasons.
- Goal: 10% increase from baseline.
- Data Collection Plan: Audit 20 live charts per department per week.

Criteria for Compliance

oxyCODONE (ROXICODONE) immediate release tablet 5 mg  Dose: 5 mg : Oral : Every 3 hours PRN : Severe Pain

Order Information

Product Instructions:

SCHMID

Ordered Admin Dose: 1 tablet (1 × 5 mg tablet)

Last Admin: Yesterday 09/21/22 at 0809 (Given)

Dispense Location: MEDSURG1 ADS

References: [MLH Lexicomp](#)

Frequency: Every 3 hours PRN

Route: Oral

Ordered Dose: 5 mg

Order Start Time: 09/18/22 at 1030

PRN Reasons: Severe Pain

Order ID: 596256710

Recent Actions

09/20	09/21	
1654	0008	0809
Given	Given	Given

Administration Details

Action	Date	Time	Con
Given	09/21/2022	0809	
Route	Site		
Oral			
Dose			
5	mg		

Associated Flowsheet Rows

Pain Assessment

Pain Assessment

0-10 taken 9/21/2022 0809

Pain Level

10 taken 9/21/2022 0809

Audit Example

Nursing Documentation Audit Tool: LIVE Chart		123456	234567	345678	456789	98765	876543
Previous 24 hours	MRN						
PCU.Peds	Date	19-Sep	20-Sep	20-Sep	20-Sep	20-Sep	21-Sep
Pain							
Was the correct range pain med given per patient pain?		n	n	n	y	y	y
		Staff Nurse 1	Staff Nurse 2	Staff Nurse 3			

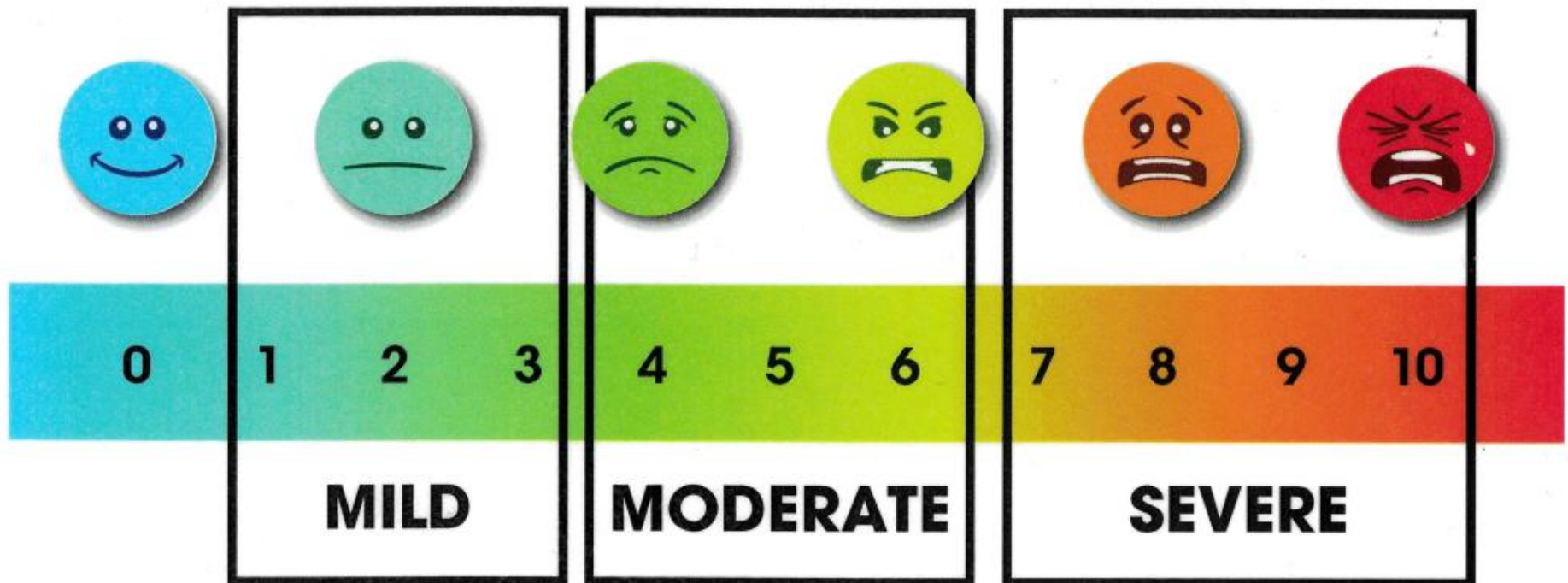
Selecting Changes

- Focus on accurate documentation:
 - Education to staff on what pain ranges are.
 - Education to staff on where to document alternatives.
- Reminders to staff:
 - Discussion in Weekly Emails.
 - IQC presenting at department meetings.
 - Share individual pain reassessment scores monthly.
 - Visual reminders of ranges.

Visual Reminder



Pain Scale



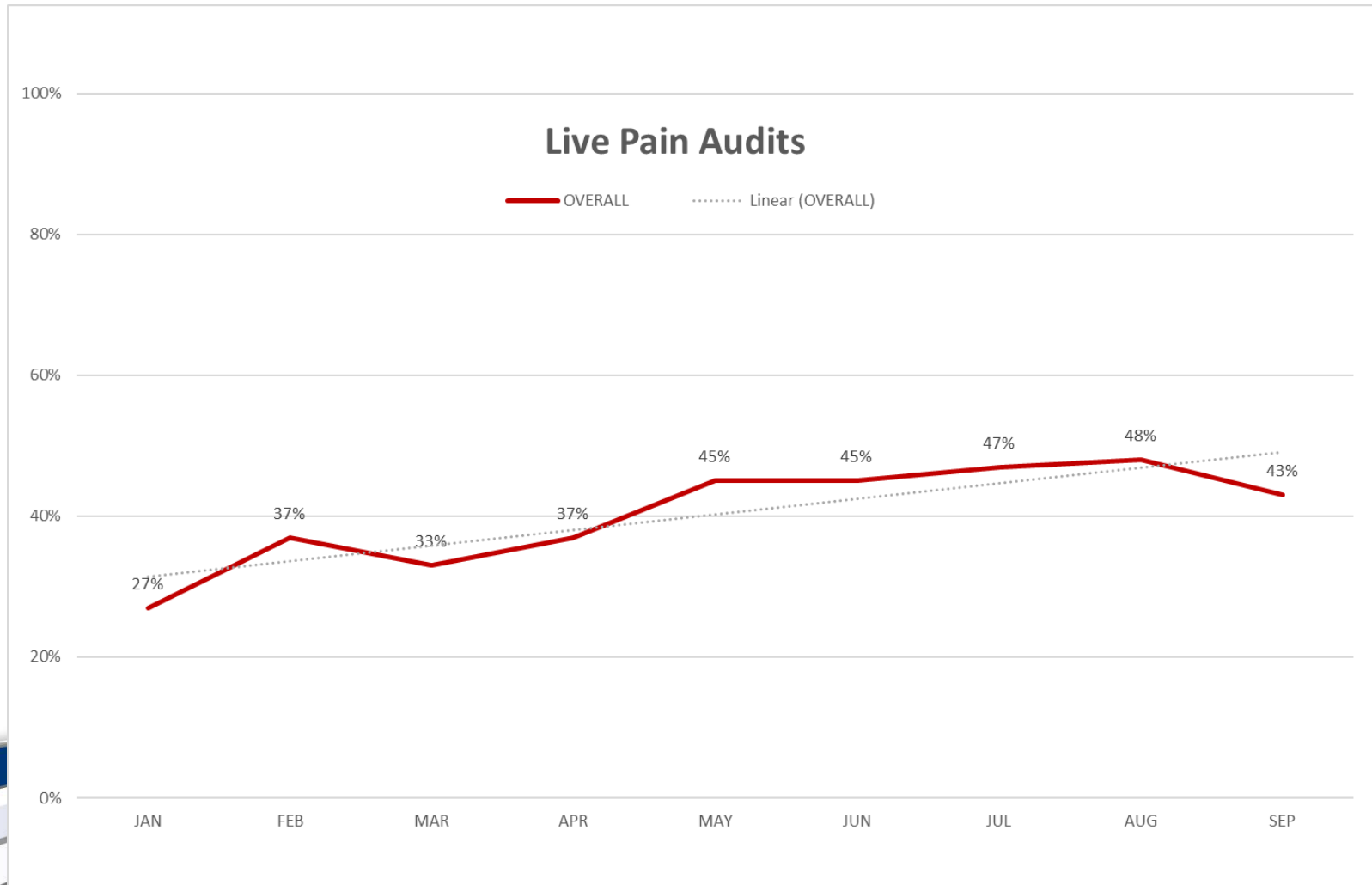
PDSA

- Plan: Staff will correctly document administration of PRN pain medications.
- Do: IQC will complete live chart audits.
- Study: IQC will identify staff trends in medication documentation.
- Act: Quality will share results with Leaders and Staff members; providing re-education as needed.

Implementing Change

- Live chart audits completed.
 - Nurses had a 16% rise in documentation compliance.
- Discussed results at Nurse Leaders and Unit Meetings.
- Education slides shared with Nurse Leaders and frontline staff.

Data



Spreading Changes

- Our change has not been hardwired yet.
- We will continue to focus on improving our documentation.
- Next steps will be to look at improving documentation on:
 - Establishing a pain goal on admission.
 - Care plans documented every shift.

Questions?

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Mary Lanning Healthcare

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References

- IHI: The Science of Improvement: How to Improve
<http://www.ihi.org/resources/Pages/HowtoImprove/ScienceofImprovementHowtoImprove.aspx>
- Langley GL, Nolan KM, Nolan TW, Norman CL, Provost LP. *The Improvement Guide: A Practical Approach to Enhancing Organizational Performance* (2nd edition). San Francisco: Jossey-Bass Publishers; 2009.
- The Plan-Do-Study-Act (PDSA) cycle was published by W. Edwards Deming in *The New Economics for Industry, Government, and Education* [Cambridge, MA: The MIT Press; 2000]. For more on the development of the PDSA cycle and how it differs from PDCA, see: Moen RD, Norman CL. *Circling back: Clearing up myths about the Deming cycle and seeing how it keeps evolving.* *Quality Progress*. November 2010.