The Nurse's Role in Pain Management

Presented by: Monica Tolentino, DNP(s), BSN, RN





LOMA LINDA UNIVERSITY School of Nursing



Effective pain management is a moral imperative, a professional responsibility, and the duty of people in the healing professions.

- Stanford Healthcare



The purpose of this study was to evaluate whether or not a handout provided of the patient's pain regimen and verbal education by the registered nurse improved pain levels and met pain goals during inpatient hospitalization.



STUDY DESIGN AND METHODOLOGY:

Descriptive statistics of a small sample size was utilized for this quality improvement project. Integrating the PDSA method, the previous stated inclusion criteria was retrieved from 10 historical patients that were admitted within the past year and 10 current admitted patients.





DIAGNOSIS BREAKDOWN 7 6 6 6 5 4 4 3 ž $\mathbf{\hat{z}}$ 1 1 1 ő Left hip Right hip Spinal LLE RLE Other



SURVEY:

Within 24 hours of admission, the patient will be handed a form asking the following questions:

»On a scale from 1-10, what is your current pain level?

- »On a scale from 1-10, what is your pain goal? (A pain goal is a level of pain that you are able to tolerate during your hospitalization while still being able to participate with your physical and occupational therapies).
- »Have you received education on your pain medicine prior to this rehabilitation admission? YES or NO
- »Are you aware of what pain medications you have at this time? YES or NO



SAMPLE OF PATIENT'S PAIN REGIMEN HANDOUT

<u>Medication</u>: Ibuprofen 600 mg <u>Frequency</u>: Every 6 hours When: Your pain level lis between 1 – 3 OR 4-6

<u>Medication</u>: Norco 10-325 <u>Frequency</u>: Every 6 hours as needed <u>When</u>: Your pain level is between 7 – 10

<u>Medication</u>: Dilaudid 2 mg <u>Frequency</u>: Every 2 hours as needed



DATA ANALYSIS:



- 50% of current hospitalized patients met their pain goals
- 40% of historical patients met their pain goals.



DATA ANALYSIS:



- 50% of current patients had improved pain levels within 4 days of admission.
- 30% of historical patients had improved pain levels within 4 days of admission.



REFERENCES:

- » Cui, C., Wang, L., Li, Q., Zalansky, R. (2017). Implementing a pain management nursing protocl for orthopaedic surgical patients: Results from a PAIN OUT project. *Journal of Clinical Nursing*, 27(7-8). DOI: 10.1111/jocn.14224
- » Devore, J., Clontz, A., Dianxu, R., Cairns, L. Beach, M. (2015). Improving patient satisfaction with better pain management in hospitalized patients. *Journal for Nurse Practitioners, 13*(1). E23-27.
- » Erickson, J. M., Brashers, V., Owen, J., Marks, J. R., & Thomas, S. M. (2016). Effectiveness of an interprofessional workshop on pain management for medical and nursing students. *Journal Of Interprofessional Care, 30*(4), 466-474. doi:10.3109/13561820.2016.1159185.
- » Fitzgerald, S. Tripp, H. (2015). Assessment and management of acute pain in older people: barriers and facilitators to nursing practice. *Austrailian Journal of Advanced Nursing (35)*1. 48-57
- » Mcguire, L. (1994). The nurse's role in pain relief. *Medsurg Nursing, 3*(2).
- » Song, W., Eaton, L. H., Gordon, D. B., Hoyle, C., & Doorenbos, A. Z. (2015). Evaluation of Evidence-Based Nursing Pain Management Practice. *Pain Management Nursing : Official Journal* of the American Society of Pain Management Nurses, 16(4), 456–463. <u>http://doi.org/10.1016/j.pmn.2014.09.001</u>
- » Ung, A., Salamonson, Y., Hu, W., & Gallego, G. (2016). Assessing knowledge, perceptions and attitudes to pain management among medical and nursing students: a review of the literature. *British Journal of Pain, 10*(1), 8–21. <u>http://doi.org/10.1177/2049463715583142</u>
- » Drake, G., Williams, A. (2017). Nursing Education Interventions for Managing Acute Pain in Hospital Settings: A Systematic Review of Clinical Outcomes and Teaching Methods. *Pain Management Nursing*, 18(1).