

Improving Pain Management in Trauma Patients: A Multidisciplinary Approach

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WHAT IS THE PROBLEM OR CHALLENGE YOU IDENTIFIED?

Orange Park Medical Center (OPMC) wanted to evaluate pain management perceptions in the trauma population. We extracted trauma patients from hospital wide HCAHPS data and found we had consistently low scores (<5th percentile).

DESCRIBE THE INTERVENTION YOU DEVELOPED/CHANGE YOU IMPLEMENTED TO ADDRESS THE PROBLEM

1. Development of a dedicated Trauma Nurse Lead Program
2. Modifications made to the trauma admission order set
3. Collaboration with Pain Management Provider

1. Trauma Nurse Leads (TNLs)- As a new Level II trauma center, OPMC identified the need for a dedicated team of bedside nurses with advanced trauma training to be available. This team was tasked with initial pain evaluation, education of pain management goals and development of realistic expectations in relation to post traumatic events with both the patient and family. Scripting was developed and shared with the multidisciplinary team as well, to ensure message consistency.

- 2. Trauma Admission Order set-** Comprehensive review performed:
- a. Scheduled NSAIDs and non-opiate analgesics (e.g. Tramadol)
 - b. PRN anti-spasmodics added
 - c. Atypical pain meds such as SSRI's, Tricyclics and

Neuropathics encouraged for patients presenting with chronic use of narcotic pain meds prior to injury

3. Collaboration w/pain management-

- **Build-** To build a comprehensive pain management regimen for trauma patients which serves to minimize both the acute pain of trauma as well as the side effects caused by its treatment
- **Optimize-** Optimize the approach to pain management during hospitalization in order to facilitate a smooth transition at time of discharge
- **Avoid-** Minimize the progression to chronic pain

Discussions were held with pharmacy, supply chain, and nursing to ensure that there would be no barriers to utilization of treatment modalities such as local topical anesthetics, field and peripheral nerve blocks, spinal, epidural and trigger point injections.

HOW DID YOU MEASURE THE EFFECTS OF THE CHANGE?

