Emergency Department
Entry Assessment for Fracture Pain Pathway
Evidence Based Outcome Center

**EXCLUSION CRITERIA**
- Category 1 Trauma/ESI
- GCS < 14 or Altered Mental Status
- Hypoxia, Hypotension, or Decreased Respiratory Rate as defined by Age-Adjusted Normals

**GUIDELINE INCLUSION CRITERIA**
- Patients 2 - 18 years of age with suspected long-bone fracture

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**Patient Triage:**
- All weights in kilograms (kg)
- Allergies
- Initial Pain Score

**Provider requested to bedside:**
- Initiate ED Pain Powerplan

Consider one of, or a combination of the following medications

**Recommendations based on PAIN SCORE**

**PAIN SCORE 0 – 3**
- Motrin 10 mg/kg PO | MAX = 800 mg
- Tylenol 15 mg/kg PO | MAX = 1000 mg

**PAIN SCORE 4 – 6**
- Fentanyl 2 mcg/kg IN | MAX = 100 mcg (Consider prior to X-ray or IV start)
- Motrin 10 mg/kg PO | MAX = 800 mg
- Tylenol 15 mg/kg PO | MAX = 1000 mg

**PAIN SCORE 7 – 10 OR Obvious Bone Deformity**
- Fentanyl 2 mcg/kg IN | MAX = 100 mcg (Consider prior to X-ray or IV start)
- Morphine 0.1 mg/kg IV | MAX = 8 mg
- Motrin 10 mg/kg PO | MAX = 800 mg
- Tylenol 15 mg/kg PO | MAX = 1000 mg

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Re-Assess Patient Pain and document Pain Score

For continued pain, reconsider similar pain therapies as recommended above at provider’s discretion.

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**PATHWAY GOALS**
1) Document weight in kilograms
2) Assess Pain Score within 60 minutes
3) Pain medication delivered within 60 minutes of arrival
4) Pain Score re-assessed and documented within 90 minutes of arrival

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For questions concerning this pathway, Click Here

Last Updated November 7, 2016
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Approved by the Evidence Based Outcome Center

Revision History
Date Approved: November 7, 2016
Next Review Date: November 7, 2019

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