# Pediatric Orthopedic Non-operative Fracture Pain Management Guidelines

<table>
<thead>
<tr>
<th>Type of Procedure</th>
<th>Description</th>
<th>Recommended Medication</th>
<th>PRN Narcotics?</th>
<th>Adjunct Medications?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>buckle/torus fractures of any bone, nondisplaced elbow/forearm/wrist/hand/finger fractures, nondisplaced tibia/ankle/foot fractures, toddlers fractures, ankle sprains</td>
<td>OTC ibuprofen, OTC Tylenol</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Moderate</td>
<td>closed reduction elbow/forarm/wrist fracture/dislocation, displaced proximal humerus, humerus shaft, displaced clavicle, adolescent ankle fractures(triplane/tillaux)</td>
<td>OTC ibuprofen, OTC Tylenol</td>
<td>*OPTIONAL: Max 5 Doses Oxycodone 0.1mg/kg tabs or liquid</td>
<td>None</td>
</tr>
<tr>
<td>Major</td>
<td>closed reduction femur (ER spica), closed reduction tibial shaft fracture, closed reduction of ankle fracture/dislocation</td>
<td>OTC ibuprofen, OTC Tylenol</td>
<td>*OPTIONAL: Max 10 Doses Oxycodone 0.1mg/kg tabs or liquid</td>
<td>*OPTIONAL: Max 10 Doses Diazepam 0.1mg/kg</td>
</tr>
</tbody>
</table>

*Optional narcotic/diazepam prescriptions should be accompanied by education of caregivers about the risks involved with these medications, particularly when taking oxycodone and valium together.

**OTC meds should be dosed by weight based instructions for children under 100lbs and <12 years**

Ibuprofen 4-10mg/kg/dose q6-8hours  
Acetaminophen 10-15mg/kg/dose q6-8hours  
Oxycodone 0.05-0.15mg/kg/dose q4-6hours PRN  
Diazepam 0.1-0.5mg/kg/dose q6-8hours PRN spasms

**Children >100lbs and >12 years**

Ibuprofen 600-800mg q6-8hours  
Acetaminophen 500-650mg q6-8hours  
Oxycodone 5mg q4-6hours PRN  
Diazepam 2-5mg q6-8hours PRN spasms