

## Pediatric Orthopedic Non-operative Fracture Pain Management Guidelines

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

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

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 >12years**

Ibuprofen 600-800mg q6-8hours

Acetaminophen 500-650mg q6-8hours

Oxycodone 5mg q4-6hours PRN

Diazepam 2-5mg q6-8hours PRN spasms

**\*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**