

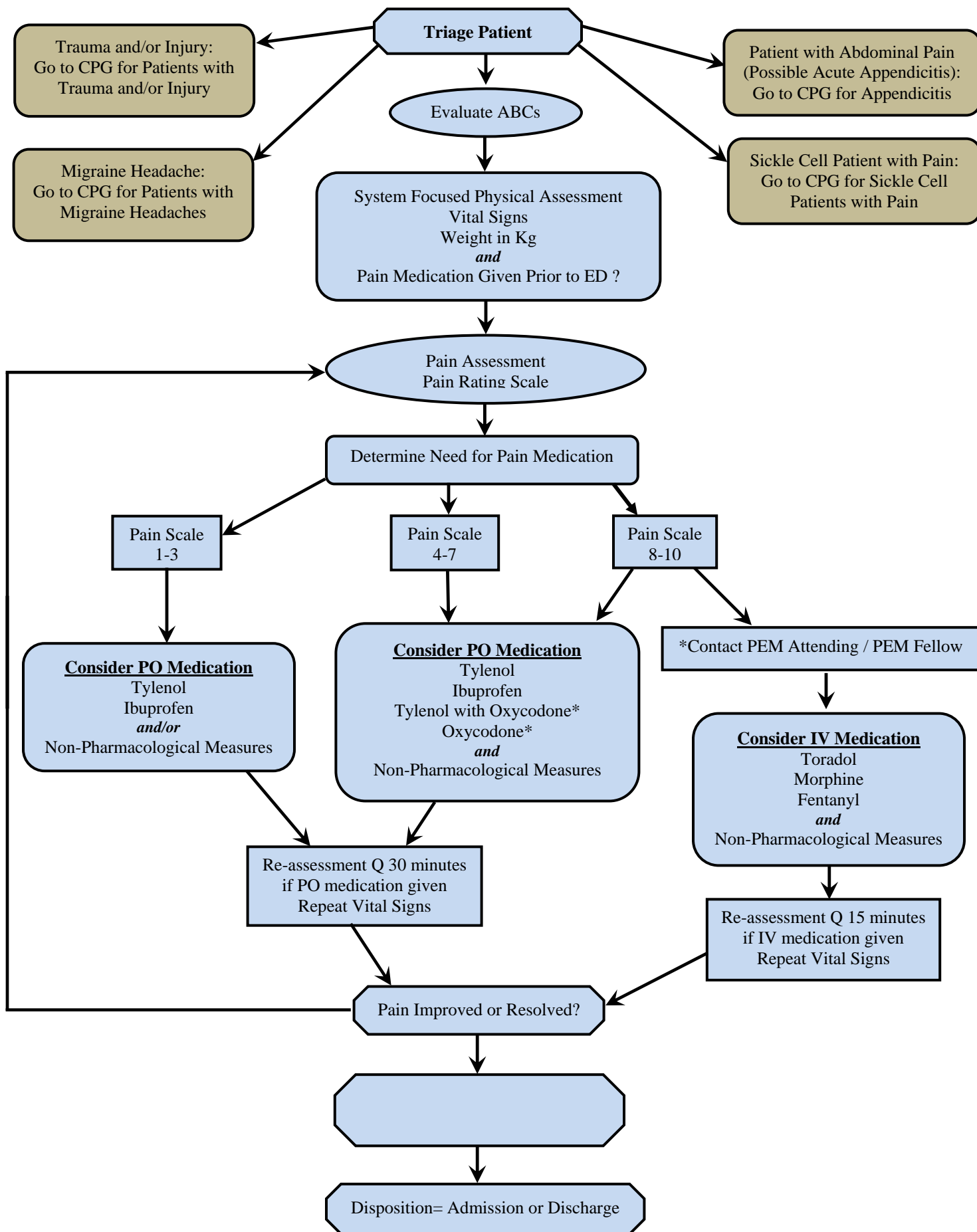
Complete Pain Pathway: Emergency Department

Clinical Practice Guideline (CPG)

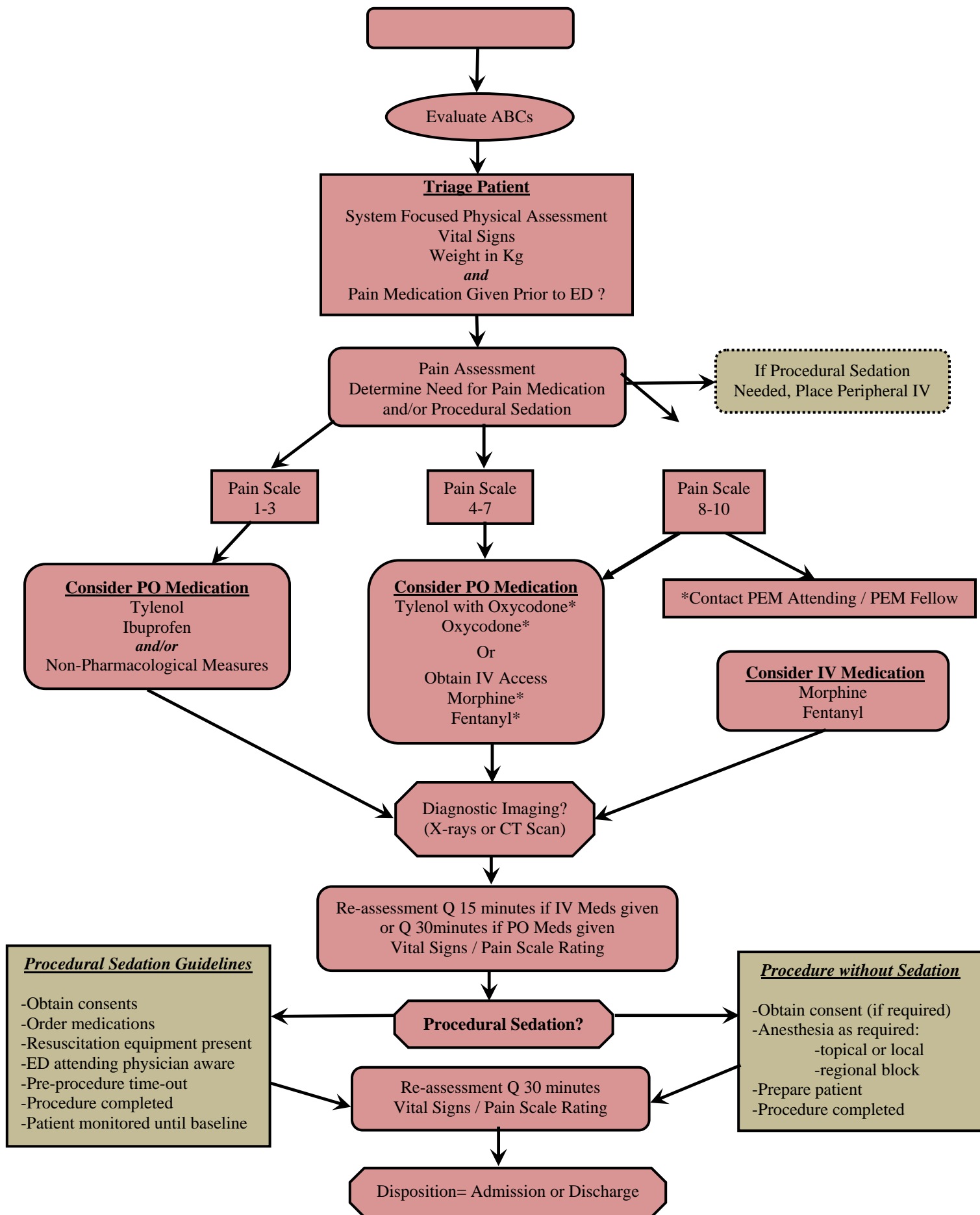
Protocol Approved by: Division of Pediatric Emergency Medicine
Date of Approval: 6/09

cardinalglennon.com

Pain Management in Patients Without Trauma or Injury Emergency Department Clinical Practice Guideline (CPG)



Pain Management in Patients with Trauma and/or Injury Emergency Department Clinical Practice Guideline (CPG)



Emergency Department Pain Medications

Non-Steroidal Anti-Inflammatory Medications

Oral Medications

Acetaminophen	10-15 mg/kg PO every 4 hours	-Max Dose 4 grams/24 hours
Ibuprofen	10 mg/kg every PO 6-8 hours	-Max Dose 800 mg/dose or 3.2 grams/24 hours
Naproxen	5 mg/kg every PO 12 hours	

Parenteral Medications

Ketorolac	0.5 mg/kg IV single dose (Max dose 30 mg)	- Children 2-16 years of age only. - Should not be used in patients with abdominal pain and concern for acute appendicitis. -Should not be used in any patient that may go to the OR.
-----------	---	---

Emergency Department Pain Medications

Narcotic Medications

Oral Medications

Codeine (Acetaminophen) (<i>Elixir, T#1,2,3,4</i>)	0.5-1 mg/kg PO every 4-6 hours	-Max Dose 60 mg/dose
Hydrocodone (Acetaminophen) (<i>Lortab Elixir, Lorcet, Vicodin</i>)	0.2 mg/kg PO every 4-6 hours	-Not to exceed 6 doses per day.
Oxycodone (<i>Roxicodone, Oxycontin</i>)	0.2 mg/kg PO every 4-6 hours	-Max Dose 5 mg/dose
Oxycodone (Acetaminophen) (<i>Tylox, Roxilox, Percocet</i>)	0.2 mg/kg PO every 4-6 hours	-Max Dose 5 mg/dose
Hydromorphone (<i>Dilaudid</i>)	0.06 mg/kg PO every 4-6 hours	-Max Dose 4 mg/dose

** Doses of acetaminophen in combination opioids / NSAID preparations must be adjusted to the patient's body weight.

Parenteral Medications

Morphine	0.1-0.2 mg/kg IV every 2-4 hours	-Max Dose 15 mg/dose
Fentanyl	1-2 mcg/kg/dose IV every 0.5-1 hour	- Children 18-36 months may require 2-3 mcg/kg/dose.

Common Emergency Department Procedures (Potential Means of Pain Management for Procedure)

Incision and Drainage

Non-Pharmacological Measures

EMLA

Topical Ethyl Chloride Spray

Local Infiltration with Lidocaine

Procedural Sedation

Laceration Repair

Non-Pharmacological Measures

Topical XAP

Local Infiltration with Lidocaine

Nerve/Digital Block with Lidocaine

Procedural Sedation

Lumbar Puncture

Non-Pharmacological Measures

EMLA

Oral Sucrose for Infants

Local Infiltration with Lidocaine

Procedural Sedation

Fracture Reduction

Non-Pharmacological Measures

Procedural Sedation

Hematoma Block with Lidocaine