



Pediatric Pain Management

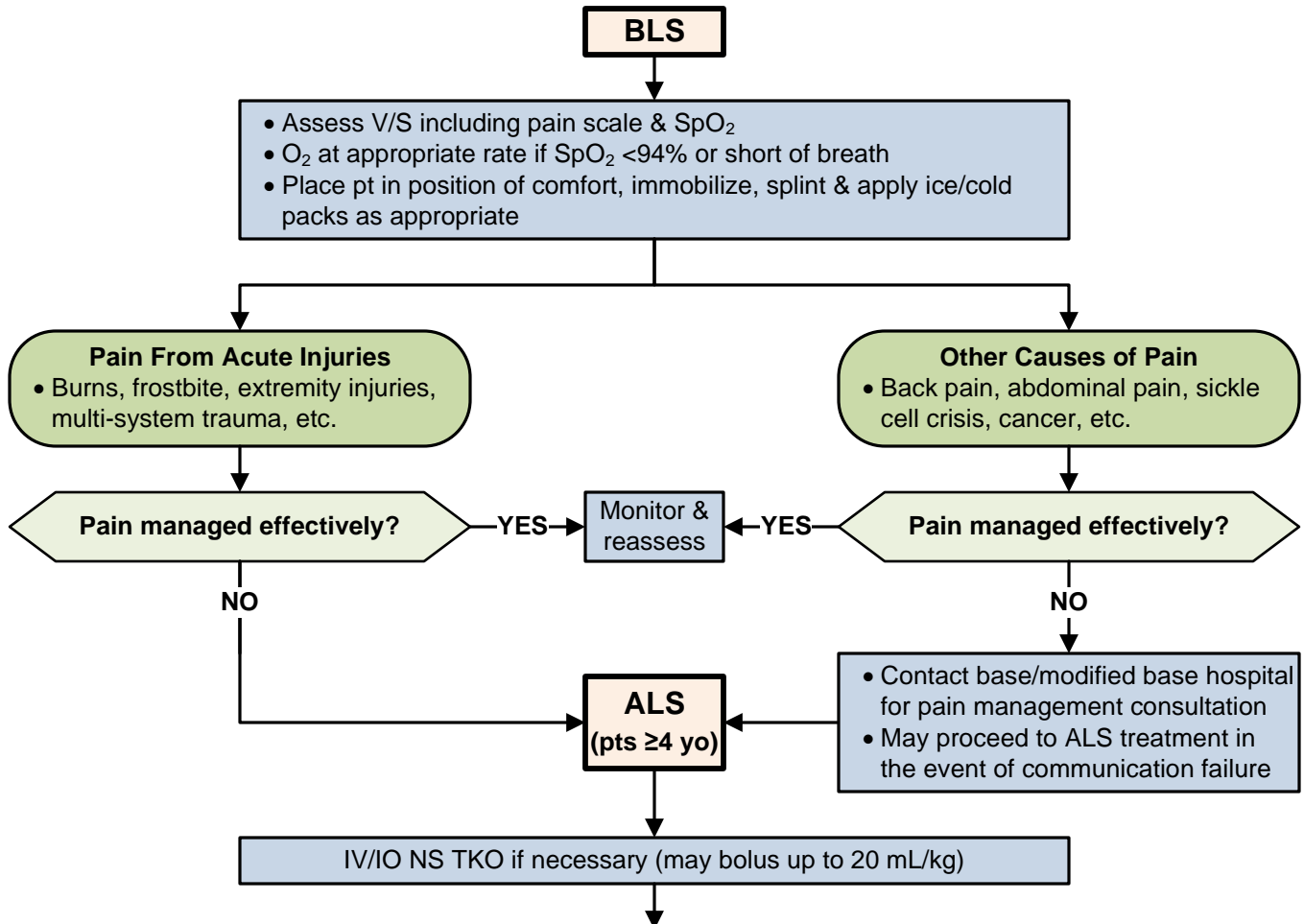
Approval: Troy M. Falck, MD – Medical Director

Effective: 06/01/2022

Approval: Victoria Pinette – Executive Director

Next Review: 05/2025

- Pain management shall be adequately addressed/documentated for all pts with a report of pain.
- Treatment should be directed at reducing pain to a tolerable level - pts may not experience complete relief.



Any pain severity not effectively managed with BLS methods (may administer either/both)

Acetaminophen
 • 15 mg/kg IV/IO infusion over 15 mins (max: 1000 mg) - single dose only

Ketorolac
 • 0.5 mg/kg IV/IO or IM (max: 15 mg) - single dose only

① Do not administer acetaminophen to pts with the following contraindications:
 - Severe hepatic impairment or active liver disease

① Do not administer ketorolac to pts who are pregnant, or who have any of the following contraindications:
 - ALOC or suspected TBI - Active bleeding - Current anticoagulation therapy
 - Multi-system trauma - Current steroid use - Hx of GI bleeding or ulcers
 - Hx of asthma - NSAID allergy - Hx of renal disease/insufficiency/transplant



Pediatric Pain Management

Pts with severe pain, pain not effectively managed with acetaminophen/ketorolac, acetaminophen/ketorolac contraindicated, or acetaminophen/ketorolac not available

- Continuous cardiac & EtCO₂ monitoring required for all pts receiving opioids, ketamine &/or midazolam

Opioids

Fentanyl

- 1 mcg/kg slow IV/IO (over 1 min) or IM/IN (max single dose: 50 mcg)
- May repeat every 5 mins as necessary (max cumulative: 4 doses)

Morphine Sulfate

- 0.1 mg/kg slow IV/IO (over 1 min) or IM (max single dose: 5 mg)
- May repeat every 5 mins as necessary (max cumulative: 4 doses)

-
- ① If administering fentanyl & morphine to the same pt, max cumulative: 2 doses of each
 - ① Do not administer opioids to pts with any of the following contraindications
 - SBP <100
 - SpO₂ <94% or RR <12
 - ALOC or suspected TBI

Ketamine

- 0.3 mg/kg IV/IO (max: 30 mg) mix in 100 mL NS & infuse over 10 mins
- May repeat 10 mins after completion of the previous infusion as necessary
- Max cumulative: 2 doses

-
- ① Utilize the following lower ketamine doses for pts also receiving opioids:
 - 0.15 mg/kg (max: 15 mg) mix in 100 mL NS & infuse over 10 mins
 - May repeat 10 mins after completion of the previous infusion as necessary
 - Max cumulative: 2 doses
 - ① Do not administer ketamine to pts with any of the following contraindications:
 - Pregnancy
 - Multi-system trauma
 - Suspected internal bleeding
 - Active external bleeding