



**El Dorado County Emergency Medical
Services Agency**
Quick Reference

Revised Date: July 1, 2020

Medication Profile

Acetaminophen
(Tylenol)

Class:

Non-opioid analgesic, antipyretic

Action:

The action is not precisely known; however, it is thought to be centrally mediated. It may reduce the production of prostaglandin in the brain. Prostaglandins are chemicals that cause inflammation and swelling.

Onset: 10-15 minutes

Peak: 1-hour

Duration: 4-6 hours

Adult Administration:

1 gram IV/IO over 15 min. (single dose)

Pediatric Administration:

15mg/kg IV/IO over 15 min. Max 1,000mg (Single dose)

15mg/kg PO every 4 hours

- Pediatric Febrile Seizure patient who have either not been given any antipyretics or who have been given ibuprofen without a marked reduction in fever.

Indications:

Mild to moderate pain
Adjunct to other analgesics for severe pain
Pediatric febrile sz (not given antipyretics
Or ibuprofen has not reduced fever)

Contraindications:

Hypersensitivity/allergy
Liver Disease or complications (e.g.
Transplant)

Side Effects:

GI: Nausea, vomiting, constipation
CNS: Headache, insomnia

Pregnancy:

Category B

Notes:

- Should be administered within 6 hours of opening the package.
- May be used as a longer lasting adjunct to other analgesics for severe pain.
- Useful for patients with mild to moderate pain who are not already taking acetaminophen.

- Useful for patients with renal insufficiency, pediatrics, and geriatrics who are not candidates for ketorolac.