

Initial Date: 07/19/2023
Revised Date: 12/10/2025

Section: 9-10R

Acetaminophen

Pharmacological Category: Analgesic, Nonopioid

Routes: PO

Indications:

1. Fever
2. Mild pain

Contraindications:

1. Known severe acute liver disease

Precautions:

1. Has received acetaminophen (i.e., Tylenol) or any medication containing acetaminophen (e.g., cold medication) in last four (4) hours.
2. Patient must be alert enough to take PO medication.

Expected effects:

1. Fever reduction
2. Pain relief

Side effects:

1. Nausea/vomiting

Notes:

1. Children < 60 days old require a documented rectal temperature (including time temperature obtained) prior to acetaminophen administration.

Dosing: ADULT FEVER

Indication: Fever

Adults administer: (per MCA selection)

1. Acetaminophen 650 mg PO

Dosing: PEDIATRIC FEVER

Indication: Fever

Pediatrics administer:

1. According to MI MEDIC
2. If MI MEDIC is not available administer using dosing chart below.

Dosing: PAIN MANAGEMENT

Indication: Mild Pain

Adults administer:

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1. Acetaminophen 650 mg PO

Pediatrics administer:

1. According to MI MEDIC
2. If MI MEDIC is not available use dosing chart below.

Children's Acetaminophen Elixir Dosing Table		
Child's Weight	Child's Age	Acetaminophen 160 mg/5mL
3-5 kg (6-12 lbs.)	0-2 mos.	1.25 mL (40 mg)
6-7 kg (13-16 lbs.)	3-6 mos.	3 mL (96 mg)
8-9 kg (17-20 lbs.)	7-10 mos.	4 mL (128 mg)
10-11 kg (21-25 lbs.)	11-18 mos.	5 mL (160 mg)
12-14 kg (26-31 lbs.)	19 mos.-35 mos.	6 mL (192 mg)
15-18 kg (32-40 lbs.)	3-4 yrs.	7 mL (224 mg)
19-23 kg (41-51 lbs.)	5-6 yrs.	9 mL (288 mg)
24-29 kg (52-64 lbs.)	7-9 yrs.	12 mL (384 mg)
30-36 kg (65-79 lbs.)	10-14 yrs.	15 mL (480 mg)

Used in the Following Protocols

Adult Fever (Section 3 Adult Treatment)

Pediatric Fever (Section 4 Obstetrics and Pediatrics)

Pain Management (Section 7 Procedures)