

Initial Date: 07/19/2023  
Revised Date: 08/11/2023

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: PEDIATRIC FEVER**

Indication: Fever

Pediatrics administer:

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

**Dosing: PAIN MANAGEMENT**

Indication: Mild Pain

Adults administer:

1. Acetaminophen 650 mg PO

Pediatrics administer:

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

**Michigan**  
**MEDICATION SECTION**  
**ACETAMINOPHEN**

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| Children's Acetaminophen Elixir Dosing Table |                 |                             |
|--|-----------------|-----------------------------|
| Child's Weight                               | Child's Age     | Acetaminophen<br>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

Pediatric Fever (Section 4 Obstetrics and Pediatrics)  
Pain Management (Section 7 Procedures)