

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

Section: 9-27R

Ibuprofen

Pharmacological Category: Analgesic, Nonopioid; Nonsteroidal Anti-inflammatory Drug (NSAID)

Routes: PO

Indications:

1. Mild pain
2. Fever

Contraindications:

1. Active bleeding
2. <6 months of age
3. Pregnancy

Precautions:

1. Has received ibuprofen (i.e., Motrin/Advil) or any medication containing ibuprofen (e.g., cold medication) in the last 6 hours and is alert.
2. Patient must be alert enough to take PO medication.

Expected effects:

1. Fever reduction
2. Pain relief

Side effects:

1. Nausea/vomiting
2. Abdominal pain
3. Heartburn

Dosing: ADULT FEVER

Indication: Fever

Adults administer:

1. Ibuprofen 400 mg PO.

Dosing: PEDIATRIC FEVER

Indication: Fever

Pediatrics over 6 months old administer:

1. Ibuprofen according to MI MEDIC
 - a. If MI MEDIC is not available administer ibuprofen according to dosing chart below.

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Dosing: PAIN MANAGEMENT

Indication: For mild to moderate pain (described as 1-6 on the Wong Pain Scale)

Adults administer:

1. Ibuprofen 400 mg PO.

Pediatrics (patients greater than 6 months of age) administer:

1. Ibuprofen according to MI MEDIC
2. If MI MEDIC is not available administer ibuprofen according to chart below

Children's Ibuprofen Elixir Dosing Table		
Child's Weight	Child's Age	Ibuprofen 100 mg/5mL
3-5 kg (6-12 lbs.)	0-2 mos.	DO NOT GIVE
6-7 kg (13-16 lbs.)	3-6 mos.	DO NOT GIVE
8-9 kg (17-20 lbs.)	7-10 mos.	4 mL (80 mg)
10-11 kg (21-25 lbs.)	11-18 mos.	5 mL (100 mg)
12-14 kg (26-31 lbs.)	19 mos.-35 mos.	6 mL (120 mg)
15-18 kg (32-40 lbs.)	3-4 yrs.	7.5 mL (150 mg)
19-23 kg (41-51 lbs.)	5-6 yrs.	9.5 mL (190 mg)
24-29 kg (52-64 lbs.)	7-9 yrs.	13 mL (260 mg)
30-36 kg (65-79 lbs.)	10-14 yrs.	15 mL (300 mg)

Used in the Following Protocols

Adult Fever (Section 2 Adult Treatment)

Pediatric Fever (Section 4 Obstetrics and Pediatrics)

Pain Management (Section 7 Procedures)