

Initial Date: 5/2012
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Section: 4-6




Pediatric Fever

This protocol is intended to assist EMS providers in reducing fever in the pediatric patients prior to arrival to the emergency department. **Fever is defined as a temperature of 100.4 degrees Fahrenheit (38 degrees Celsius) or greater.** Emergency management of the febrile child involves an assessment to determine if any associated problems are present which may require emergency treatment.

1. Follow **General Pre-hospital Care-Treatment Protocol**.
2. Pediatric patients (≤ 14 years) utilize MI MEDIC cards for appropriate medication dosage. When unavailable utilize pediatric dosing listed within protocol.
3. Obtain baseline temperature and document method used.
4. For patients less than 60 days, do not administer antipyretics.
5. For those who are 60 days or greater with a fever, administer antipyretic according to MCA selection

MCA Antipyretic Selection
(Must select at least one)

- Ibuprofen**
- Acetaminophen**

-  6. Administer **ibuprofen** if child is over 6 months old, has not been given **ibuprofen** (e.g., Motrin/Advil) or any medication containing ibuprofen (i.e., cold medication) in the last 6 hours and is alert.
 - i. If patient's weight is known, utilize that weight and MI-MEDIC for dosing.
 - ii. If patient's weight is not available, utilize length-based tape and MI-MEDIC for dosing.
 - iii. If MI-MEDIC is not available, give **ibuprofen** 10 mg/kg PO or see chart below.
- OR
-  7. Administer **acetaminophen** if the child is over 60 days (2 months) old, has not been given **acetaminophen** (e.g., Tylenol) or any medication containing acetaminophen (i.e., cold medication) in last four (4) hours and is alert, and:
 - i. If patient's weight is known, utilize that weight and MI-MEDIC for dosing.
 - ii. If patient's weight is not available, utilize length-based tape and MI-MEDIC for dosing.
 - iii. If MI-Medic is not available, give **acetaminophen** 15 mg/kg PO or see chart.
-  8. If any question concerning alertness or ability to swallow, **DO NOT ADMINISTER.**
9. Dosing questions should be directed to online medical control.

Michigan
OBSTETRICS AND PEDIATRICS
PEDIATRIC FEVER

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Children's Elixir Dosing Table			
Child's Weight	Child's Age	Acetaminophen 160 mg/5mL	Ibuprofen 100 mg/5mL
3-5 kg (6-12 lbs.)	0-2 mos.	DO NOT GIVE	DO NOT GIVE
6-7 kg (13-16 lbs.)	3-6 mos.	3 mL (96 mg)	DO NOT GIVE
8-9 kg (17-20 lbs.)	7-10 mos.	4 mL (128 mg)	4 mL (80 mg)
10-11 kg (21-25 lbs.)	11-18 mos.	5 mL (160 mg)	5 mL (100 mg)
12-14 kg (26-31 lbs.)	19 mos.-3 yrs.	6 mL (192 mg)	6 mL (120 mg)
15-16 kg (32-35 lbs.)	3-4 yrs.	7 mL (224 mg)	7.5 mL (150 mg)
17-18 kg (36-40 lbs.)	4-5 yrs.	8 mL (256 mg)	8.5 mL (170 mg)
19-20 kg (41-45 lbs.)	5-6 yrs.	9 mL (288 mg)	9.5 mL (190 mg)
21-23 kg (46-51 lbs.)	6-7 yrs.	10 mL (320 mg)	11 mL (220 mg)
24-29 kg (52-64 lbs.)	7-9 yrs.	12 mL (384 mg)	13 mL (260 mg)
30-36+ kg (65-79+ lbs.)	10-14 yrs.	15 mL (480 mg)	15 mL (300 mg)

Medication Protocols

Acetaminophen

Ibuprofen

Protocol Source/References: http://assets.babycenter.com/ims/Content/first-year-health-guide_acetaminophen_chart_pdf.pdf