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.
    a. Children less 60 days old require a documented rectal temperature (including time temperature obtained) prior to antipyretic administration.
4. Administer antipyretic according to MCA selection

MCA Antipyretic Selection
(Must select at least one)
☐ **Ibuprofen (children > 6 months of age)**
☑ **Acetaminophen**

5. Administer i**buprofen** 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, use dosing chart below.

OR

6. Administer **acetaminophen** if the child 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, use dosing chart below.
7. If any question concerning alertness or ability to swallow, **DO NOT ADMINISTER.**
8. Dosing questions should be directed to online medical control.

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.	1.25 mL (40 mg)	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.-35 mos.	6 mL (192 mg)	6 mL (120 mg)
15-18 kg (32-40 lbs.)	3-4 yrs.	7 mL (224 mg)	7.5 mL (150 mg)
19-23 kg (41-51 lbs.)	5-6 yrs.	9 mL (288 mg)	9.5 mL (190 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