

NOR-CAL EMS	1610	Pediatric Fever / Sepsis
Nor-Cal EMS Policy & Procedure Manual		Treatment Guidelines
Effective Date: 7/01/2025		Next Revision: 7/01/2028
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Assess ABC's
History and Physical Exam
Vital Signs
Blood Glucose
Oxygen: Titrate to SPO₂ to 94%
Check Temperature

Fever of greater than 100.4F

Markedly elevated fever/sepsis concern?
Consider cooling measures
Remove bundled garments
Tepid water evaporative techniques

Older than 6 months consider:
Ibuprofen 10mg/kg
(Last dose greater than 6 hours)
OR
Acetaminophen 15 mg/kg orally
(1000mg max single dose)
(Max total dose 4000mg in 24 hours)

ALS

Establish IV / IO
ECG
Capnography
Consider blood draw/ cultures as appropriate

If SBP is hypotensive
Refer to **Pediatric Non-Traumatic Shock Protocol 1614**

Medication notes:

Ibuprofen: Ensure last dose of Ibuprofen greater than 6 hours. Contraindicated with active bleeding/chronic renal disease.

Acetaminophen: Ensure last dose of Tylenol greater than 4 hours. Contraindicated with liver disease

Pediatric Blood Pressures:

To determine hypotension, use formula: $65 + (2 \times \text{age})$
To determine normal SBP: $90 + (2 \times \text{age})$

SBP estimate for hypotension

Infant	less than 60
Toddler 1-3years	less than 70
Preschool 3-6 years	less than 75
School age 6-12 years	less than 80
Adolescent 12-18 years	less than 90

Sepsis notes:

Capnography: Reading of less than 25 is suggestive of acidosis/poor organ perfusion.

Suspicious for sepsis (Any two):

Altered mental status
Body temperature less than 97F or greater than 100.4F
Tachycardia for age
Tachypnea for age
Hypotension for age
Blood glucose >180 mg/dl