

Nor-Cal EMS Policy & Procedure Manual

Treatment Guidelines

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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