

# Appendix

**PICU SEPSIS TRIGGER TOOL** identifies patients at risk for sepsis. Patients with sepsis have an infection which triggers an exaggerated immune response that causes inadequate tissue perfusion leading to organ dysfunction and failure. Hypotension is a late finding. **Early recognition and goal directed therapy improves patient outcomes.**

1

Either of these two conditions

EITHER OF THESE:	08/20	09/21	10/22	11/23	12/00	13/01	14/02	15/03	16/04	17/05	18/06	19/07
Temperature >38.5C or <36 C												
Tachycardia* or >10% baseline												
PLUS, ONE OF THESE:												
Mental Status Abnormality*												
Perfusion Abnormality*												
Hypotension*/Increasing inotropic support (>0.05 increase in 1 hour)												
Tachypnea*												
Urine output <0.5ml/kg/hr												
Additional Factors Present*												
SEPSIS HUDDLE COMPLETED:												

Documentation to be completed with ordered vital frequency

2

Plus any one of these conditions

Date:

3

CALL A SEPSIS HUDDLE

Circle:  
AM or PM shift?  
Sepsis Red/  
Yellow/Green?

4

Age	Respiratory rate	Tachycardia	Systolic BP	Diastolic BP	MAP
0-30 days	>65	>160	<75	<30	<45
1-12 months	>40	>140	<74	<35	<50
1-3 years	>30	>130	<76	<45	<55
3-6 years	>30	>110	<82	<50	<60
6-12 years	>25	>100	<94	<50	<65
12+ years	>25	>90	<94	<50	<65

<b>Mental Status Abnormality</b>	Anxiety, restlessness, agitation, irritability, inappropriate crying, drowsiness, confusion, lethargy, obtundation
<b>Perfusion Abnormality</b>	Cool extremities, delayed capillary refill (>3 seconds), diminished pulses, mottling or flushed, warm extremities, bounding pulses, flash capillary refill (<1 second)

Additional Factors Present	
Existing laboratory findings	Metabolic acidosis, elevated lactate, thrombocytopenia, coagulopathy, or elevated creatinine
Other factors	Other physical exam findings, including petechial and/or purpuric rash or erythroderma, requires change in temperature control management (actively cooling or warming)
High-risk conditions	<56 days of age, central line presence, invasive devices (ETT, Trach, EVD, PD Drain, Foley), immunocompromised (BMT, solid organ transplant, malignancy, asplenia/sickle cell disease), pre-existing neurologic dysfunction that limits mental status evaluation

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Place patient sticker here

# Sepsis Process Map

