

Table 1. Predictors from the quick Pediatric Septic Shock Screening Score (qPS4) and other sepsis screening approaches. The “worst” value during observation is used.

Predictor	Criteria
TAMSI ¹ 1 mo – 11 mo 1 yr – 2 yr 3 yr – 5 yr 6 yr – 11 yr 12 yr – 17 yr	> 2.64 > 2.29 > 1.96 > 1.68 > 1.54
Respiratory rate 1 mo – 11 mo 1 yr – 2 yr 3 yr – 5 yr 6 yr – 11 yr 12 yr – 17 yr	> 55 > 47 > 33 > 25 > 21
Altered mentation	Not alert or GCS < 15
Capillary refill time	≥ 3 s
TAHR ² 1 mo – 11 mo 1 yr – 2 yr 3 yr – 5 yr 6 yr – 11 yr 12 yr – 17 yr	> 162 > 147 > 126 > 124 > 108
Systolic hypotension ³ 1 mo – 2 mo 3 mo – 11 mo 1 yr – 3 yr 4 yr – 11 yr 12 yr – 17 yr	< 50 < 70 < 75 < 80 < 85
High-risk co-morbidity ³	< 56 days old Asplenia or sickle cell disease Bone marrow or solid organ transplant Central line Malignancy Significant CNS/Functional tech dependence Other immunocompromise

¹Temperature- and Age-adjusted Mean Shock Index = $[HR - 10 * (T - 37)]/MAP$

²Temperature- and Age-adjusted Heart Rate = $HR - 10 * (T - 37)$

³Based on the Children’s Hospital of Philadelphia sepsis screen