Pre-Hospital Sepsis Screening Tool

Age 5-11

1 Start this chart if the child **LOOKS UNWELL**, if there is **PARENTAL CONCERN**, **EWS ≥5** or ABNORMAL TEMPERATURE (<36ºC or >38ºC)

Risk Factors for Sepsis include (note: the absence of risk factors does not rule out sepsis)
Patients with risk factors are at higher risk of developing sepsis. Have a lower threshold for sepsis screening these patients

- Recent trauma/surgery/invasive procedures
- Impaired Immunity (e.g. diabetes, steroids, chemotherapy, neutropenic patient, asplenia)

- Indwelling lines/IVDU/broken skin
- Rural, remote or low socioeconomic status
- Re-presentation or delayed presentation to a health service

2 Is there an obvious non-infective cause for the patients presentation and observations? **NO ⬇**   **YES ➡** **SEPSIS UNLIKELY** Treat other cause

3 **Any RED flags?**   **YES ➡**

- BSL ≤3 mmol/L
- Doesn't wake when roused/won't stay awake
- Objective evidence of new/altered mental state
- Child looks unwell to healthcare professional
- Tachypnoea ≥50 breaths per minute
- Tachycardia ≥170 beats per minute
- Bradycardia <60 beats per minute
- Hypotension (systolic BP <60 mmHg)
- SpO_2 ≤88% on air or 0_2 requirements ≥10 Litres/minute
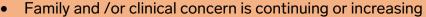- Non-blanching rash
- Lactate ≥4 mmol/L (if available)

NO ⬇

RED FLAG SEPSIS

1. Pre-notify ED
2. Follow RED EWS escalation advice
3. Communicate RED flag sepsis at handover

4 Any AMBER flags?   **YES ➡**

- Family and /or clinical concern is continuing or increasing
- Behaving abnormally/not wanting to play/drowsy/confused
- Unexplained pain, leg pain or cold extremities
- Tachypnoea 45 - 49 breaths/minute
- Tachycardia 160 – 169 beats/minute
- Hypotension (systolic BP <70 mmHg)
- SpO_2 ≤91% on air or 0_2 requirements ≥ 5 Litres/minute
- Capillary refill time of ≥3 seconds, mottled or cold extremities
- Lactate 2-4 mmol/L (if available)
- Reduced urine output (<1 ml/kg/hr if catheterised)

AMBER FLAG SEPSIS

1. Follow AMBER EWS escalation advice
2. Communicate AMBER flag sepsis at handover

NO ⬇

SEPSIS UNLIKELY

If no red or amber flags sepsis is unlikely. Routine care – Consider other diagnosis