

01 START IF CHILD LOOKS UNWELL, IF PARENT IS CONCERNED OR PHYSIOLOGY IS ABNORMAL e.g. PEWS

RISK FACTORS FOR SEPSIS INCLUDE:

- Impaired immunity (e.g. diabetes, steroids, chemotherapy) Indwelling lines / broken skin
- Recent trauma / surgery / invasive procedure

YES

02 COULD THIS BE DUE TO AN INFECTION?

LIKELY SOURCE:

- Respiratory Urine Skin / joint / wound Indwelling device
- Brain Surgical Other

NO

SEPSIS UNLIKELY, CONSIDER OTHER DIAGNOSIS

YES

03 ANY RED FLAGS PRESENT?

- Mental state or behaviour is acutely altered
- Doesn't wake when roused / won't stay awake
- Looks very unwell to healthcare professional
- SpO₂ <90% on air or increased O₂ requirements
- Severe tachypnoea (see chart)
- Severe tachycardia (see chart)
- Bradycardia (<60 bpm)
- Non-blanching rash / mottled / ashen / cyanotic
- Temperature <36°C
- If under 3 months, temperature 38°+

YES

RED FLAG SEPSIS
START PAEDIATRIC PH BUNDLE

NO

04 ANY AMBER FLAGS PRESENT?

IF IMMUNITY IMPAIRED TREAT AS RED FLAG SEPSIS

- Not behaving normally
- Reduce activity / very sleepy
- Parental or carer concern
- Moderate tachypnoea (see chart)
- Moderate tachycardia (see chart)
- SpO₂ <92% on air or increased O₂ requirement
- Nasal flaring
- Capillary refill time ≥ 3 seconds
- Reduced urine output (<1ml/kg/h if catheterised)
- Leg pain / cold extremities
- If 3-6 months, temperature 39°+

YES

FURTHER INFORMATION AND REVIEW REQUIRED:

- TRANSFER TO DESIGNATED DESTINATION
- COMMUNICATE POTENTIAL OF SEPSIS AT HANDOVER
- RECHECK VITAL SIGNS AT LEAST EVERY 30 MINS AND ESCALATE TO RED FLAG IF APPROPRIATE

PREHOSPITAL SEPSIS BUNDLE:

RESUSCITATION:

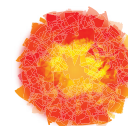
Oxygen to maintain saturations of >94%
Measure lactate if available
10ml/kg boluses of Sodium Chloride. Repeat if hypotensive

CONSIDER IV ANTIBIOTICS IF EXPECTED TRANSIT TIME >1HR

COMMUNICATION:

Pre-alert receiving hospital
Divert to ED (or other agreed destination)
Handover presence of Red Flag Sepsis

Age (years)	Tachypnoea (breaths per minute)		Tachycardia (beats per minute)	
	Severe	Moderate	Severe	Moderate
<1	≥60	50-59	≥160	150-159
1-2	≥50	40-49	≥150	140-149
3-4	≥40	35-39	≥140	130-139



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