

## 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

## 02 COULD THIS BE DUE TO AN INFECTION?

### LIKELY SOURCE:

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

**SEPSIS UNLIKELY, CONSIDER OTHER DIAGNOSIS**

## 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
- SpO<sub>2</sub> <90% on air or increased O<sub>2</sub> requirements
- Severe tachypnoea (see chart)
- Severe tachycardia (see chart)
- Bradycardia (<60 bpm)
- Non-blanching rash / mottled / ashen / cyanotic

**RED FLAG SEPSIS**  
START PAEDIATRIC PH BUNDLE

## 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)
- SpO<sub>2</sub> <92% on air or increased O<sub>2</sub> requirements
- Nasal flaring
- Capillary refill time ≥ 3 seconds
- Reduced urine output (<1ml/kg/h if catheterised)
- Leg pain / cold extremities
- Immunocompromised
- Temperature <36 °C

### 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:

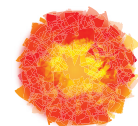
Oxygen to maintain saturations of >94%  
Measure lactate if available  
10ml/kg boluses of Sodium Chloride. Repeat if hypotensive

CONSIDER IV ANTIBIOTICS IF EXPECTED TRANSIT TIME >1H

### 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
5	≥29	24-28	≥130	120-129
6-7	≥27	24-26	≥120	110-119
8-11	≥25	22-24	≥115	105-114



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