

# 01 START THIS CHART IF THE CHILD LOOKS UNWELL OR HAS ABNORMAL PHYSIOLOGY

**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

NO

**SEPSIS UNLIKELY, CONSIDER OTHER DIAGNOSIS**

## 03 ANY RED FLAG PRESENT?

- Objective evidence of new or altered mental state
- Doesn't wake when roused/ won't stay awake
- Looks very unwell to healthcare professional
- Severe tachycardia (see chart)
- Severe tachypnoea (see chart)
- Bradycardia (<60 bpm)
- SpO<sub>2</sub> < 90% on air
- Non-blanching rash / mottled / ashen / cyanotic

YES

**RED FLAG SEPSIS**  
START GP BUNDLE

## 04 ANY AMBER FLAG PRESENT?

**IF IMMUNITY IMPAIRED TREAT AS RED FLAG SEPSIS**

- Behaving abnormally / not wanting to play
- Parental concern
- Moderate tachypnoea (see chart)
- Moderate tachycardia (see chart)
- SpO<sub>2</sub> < 92% on air
- Capillary refill time ≥ 3 seconds
- Reduced urine output
- Temperature <36°C
- Leg pain

YES

**SEPSIS LIKELY**

- TRANSFER TO DESIGNATED DESTINATION
- COMMUNICATE LIKELIHOOD OF SEPSIS AT HANDOVER

**NO AMBER FLAGS : ROUTINE CARE AND GIVE SAFETY-NETTING ADVICE:**

### GP RED FLAG BUNDLE:

**THIS IS TIME-CRITICAL – IMMEDIATE ACTION REQUIRED: DIAL 999 AND ARRANGE BLUE LIGHT TRANSFER**

**COMMUNICATION:** Ensure communication of 'Red Flag Sepsis' to crew. Advise crew to pre-alert as 'Red Flag Sepsis'. Where possible a written handover is recommended including observations and antibiotic allergies.

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	105-115

