

01 START THIS CHART IF THE CHILD LOOKS UNWELL, HAS ABNORMAL PHYSIOLOGY OR IF THERE IS PARENTAL CONCERN

RISK FACTORS FOR SEPSIS INCLUDE:

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

02 COULD THIS BE DUE TO AN INFECTION?

LIKELY SOURCE:

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

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)
- SpO₂ < 90% on air
- Non-blanching rash / mottled / ashen / cyanotic
- Temperature <36°C

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)
- SpO₂ < 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	104-114



THE UK SEPSIS TRUST