

01 START THIS CHART IF THE 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 / IVDU / broken skin
- Recent trauma / surgery / invasive procedure

02 COULD THIS BE DUE TO AN INFECTION?

YES

LIKELY SOURCE:

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

NO

SEPSIS UNLIKELY, CONSIDER OTHER DIAGNOSIS

03 ANY RED FLAGS PRESENT?

YES

- 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

YES

RED FLAG SEPSIS START BUNDLE

04 ANY AMBER FLAGS PRESENT?

NO

IF IMMUNITY IMPAIRED TREAT AS RED FLAG SEPSIS

- Not behaving normally
- Reduced 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
- Immunocompromised
- Temperature <36°

YES

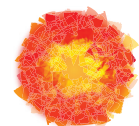
- 1 SAME DAY ASSESSMENT BY GP / TEAM LEADER
- 2 IS URGENT REFERRAL TO HOSPITAL REQUIRED?
- 3 AGREE AND DOCUMENT ONGOING MANAGEMENT PLAN (INCLUDING OBSERVATION FREQUENCY AND PLANNED SECOND REVIEW)

NO AMBER FLAGS = ROUTINE CARE AND SAFETY-NETTING ADVICE

**RED FLAG BUNDLE:
DIAL 999 AND ARRANGE BLUE LIGHT TRANSFER
IF PRESCRIBER AVAILABLE & TRANSIT TIME
>1HR GIVE IV ANTIBIOTICS**

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	105-114



THE UK SEPSIS TRUST

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