

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?

LIKELY SOURCE:

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

NO

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
- 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?

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
- Capillary refill time ≥ 3 seconds
- Reduced urine output (<1 ml/kg/h if catheterised)
- Leg pain / cold extremities
- Temperature <36°C
- Immunocompromised

YES

USE CLINICAL JUDGEMENT TO DETERMINE WHETHER PATIENT CAN BE MANAGED IN COMMUNITY SETTING. IF TREATING IN THE COMMUNITY CONSIDER:

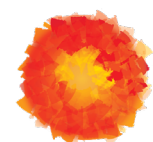
- PLANNED SECOND ASSESSMENT +/- BLOODS
- FOLLOW UP WITH GP
- SPECIFIC SAFETY NETTING ADVICE

NO AMBER FLAGS : ROUTINE CARE AND GIVE 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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