

01 START THIS CHART IF YOUNG PERSON 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

SEPSIS UNLIKELY,
NO CONSIDER
OTHER
DIAGNOSIS

03 ANY RED FLAGS PRESENT?

- Objective evidence of new or altered mental state
- Respiratory rate ≥ 25 per minute
- New need for O₂ (40% or more) to keep SpO₂ $> 92\%$ ($> 88\%$ COPD)
- Systolic BP ≤ 90 mm Hg (or drop of > 40 from normal)
- Heart rate > 130 per minute
- Not passed urine in 18 hours (< 0.5 ml/kg/hr if catheterised)
- Non-blanching rash / mottled / ashen / cyanotic

04 ANY AMBER FLAGS PRESENT?

IF IMMUNITY IMPAIRED TREAT AS RED FLAG SEPSIS

- Family report abnormal behavior or mental state
- Reduced functional ability
- Respiratory rate 21-24
- Systolic BP 91-100 mmHg
- Heart rate 91-130 or new dysrhythmia
- SpO₂ $< 92\%$ on air or increased O₂ requirement
- Not passed urine in 12-18 hr
(0.5ml/kg/hr to 1ml/kg/hr if catheterised)
- Immunocompromised
- Signs of infection including wound infection
- Temperature $< 36^\circ\text{C}$

RED FLAG SEPSIS START GP BUNDLE

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

- PLANNED SECOND ASSESSMENT +/- BLOODS
- SPECIFIC SAFETY NETTING ADVICE

NO AMBER FLAGS = ROUTINE CARE AND SAFETY-NETTING ADVICE:

CALL 111 IF CONDITION CHANGES OR DETERIORATES.
SIGNPOST TO AVAILABLE RESOURCES AS APPROPRIATE.

CALL
999
IF ANY
OF:

- Slurred speech or confusion
- Extreme shivering or muscle pain
- Passing no urine (in a day)
- Severe breathlessness
- 'I feel I might die'
- Skin mottled, ashen, blue or very pale

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

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.



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