

# 01 START THIS CHART IF YOUNG PERSON LOOKS UNWELL, IF PARENT IS CONCERNED OR HAS ABNORMAL PHYSIOLOGY e.g. PEWS

## RISK FACTORS FOR SEPSIS INCLUDE:

Impaired immunity (e.g. diabetes, steroids, chemotherapy)

## CONSIDER ANY ADVANCE DIRECTIVE/ CARE PLAN

Recent trauma / surgery / invasive procedure  
 Indwelling lines / IVDU / broken skin

# 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?

Objective evidence of new or altered mental state  
 Respiratory rate  $\geq 25$  per minute  
 New need for O<sub>2</sub> (40% or more) to keep SpO<sub>2</sub> > 92% (>88% in COPD)  
 Systolic BP  $\leq 90$  mmHg (or drop of >40 from normal)  
 Heart rate > 130 per minute  
 Not passed urine in 18 hours (<0.5ml/kg/hr if catheterised)  
 Non-blanching rash / mottled / ashen / cyanotic

YES

**RED FLAG SEPSIS START BUNDLE**

# 04 ANY AMBER FLAGS PRESENT?

Family report abnormal behaviour or mental state  
 Reduced functional ability  
 Respiratory rate 21-24  
 Systolic BP 91-100 mmHg  
 Heart rate 91-130 or new dysrhythmia  
 SpO<sub>2</sub> < 92% on air or increased O<sub>2</sub> requirement  
 Not passed urine in 12-18hr (0.5ml/kg/hr to 1ml/kg/hr if catheterised)  
 Immunocompromised  
 Signs of infection including wound infection  
 Temperature <36°C  
 Trauma, surgery or invasive procedures in the last 6 weeks

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:

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

**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.



THE UK SEPSIS TRUST

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