

01 START THIS CHART IF THE PATIENT LOOKS UNWELL OR PHYSIOLOGY IS ABNORMAL**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 Infected caesarean / perineal wound
 Breast abscess Abdominal pain / distension Chorioamnionitis / endometritis

NO

**SEPSIS
UNLIKELY,
CONSIDER
OTHER
DIAGNOSIS****03 ANY RED
FLAGS PRESENT?**

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

YES

**RED FLAG
SEPSIS
START PH BUNDLE****04 ANY AMBER
FLAGS PRESENT?**

- Acute deterioration in functional ability
 Family report mental status change
 Respiratory rate 21-24
 Heart rate 100-130 or new dysrhythmia
 Systolic BP 91-100 mmHg
 Has had invasive procedure in last 6 weeks
 Temperature $<$ 36°C
 Has diabetes or impaired immunity
 Close contact with GAS
 Prolonged rupture of membranes
 Offensive vaginal discharge
 Not passed urine in 12-18 h (0.5ml/kg/hr to 1ml/kg/hr if catheterised)
 Wound infection

YES

**FURTHER INFORMATION
AND REVIEW REQUIRED:**

- TRANSFER TO DESIGNATED DESTINATION
- COMMUNICATE POTENTIAL OF SEPSIS AT HANDOVER
- RECHECK VITAL SIGNS AT LEAST EVERY 30 MINS AND ESCALATE TO RED FLAG IF APPROPRIATE

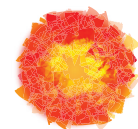
**NO AMBER FLAGS OR UNLIKELY SEPSIS?: ROUTINE CARE - CONSIDER OTHER DIAGNOSIS - SAFETY NET AND SIGNPOST AS PER LOCAL GUIDANCE
 INTERPRET PHYSIOLOGY IN CONTEXT OF INDIVIDUAL PATIENT**

PREHOSPITAL SEPSIS BUNDLE:**RESUSCITATION:**

- Oxygen to maintain saturations of $>$ 94%
 Measure lactate if available
 Give normal saline in 10ml/kg boluses, max 20ml/kg

CONSIDER IV ANTIBIOTICS IF EXPECTED TRANSIT TIME $>$ 1H**COMMUNICATION:**

- Pre-alert receiving hospital
 Divert to ED (or other agreed destination)
 Handover presence of Red Flag Sepsis



THE UK
SEPSIS
TRUST

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