

To be applied to all children **under 5 years** who have a suspected infection or have clinical observations outside normal limits

## 1. In the context of presumed infection, are any of the following true:

(consider pneumonia, meningitis/encephalitis, urinary tract infection, intra-abdominal infection, acquired bacteraemia (e.g. Group B Strep))

Tick

Patient looks very unwell

Parent or carer is very concerned

There is ongoing deterioration

Physiology is abnormal for this patient

N

Low risk of sepsis. Consider other diagnoses.  
Use clinical judgment and/or standard protocols.

Give safety netting advice: call 999 if child deteriorates rapidly, or call 111/ arrange to see GP if condition fails to improve or gradually worsens. Signpost parent to available resources as appropriate.

N

Y

## 2. Is **ONE** Red Flag present?

Tick

Unresponsive to social cues/ difficult to rouse

Health professional very worried

Weak, high pitched or continuous cry

Grunting respiration or apnoeic episodes

SpO<sub>2</sub> < 90%

Severe tachypnoea (see table)

Severe tachycardia (see table)/ bradycardia < 60

No wet nappies/ not passed urine in last 18 h

Non-blanching rash or mottled/ ashen/ cyanotic

Temperature < 36°C

If under 3 months, temperature > 38°C

N

## 3. Any Amber Flag criteria?

Tick

Parent or clinician remains very concerned

Abnormal response to social cues/ not smiling

Reduced activity, very sleepy

Parent/ carer reports behaviour is abnormal

Moderate tachypnoea (see table)

SpO<sub>2</sub> < 91% OR nasal flaring

Moderate tachycardia (see table)

Capillary refill ≥ 3 seconds

Reduced urine output

Pale or flushed

Leg pain or cold extremities

Y

## Sepsis likely

Use clinical judgment to determine whether child can be managed in community setting. If treating in the community, consider:

- planned second assessment +/- blood results
- brief written handover to colleagues
- specific safety netting advice

*If immunity impaired refer for urgent hospital assessment*

Y

## Red Flag Sepsis!

Dial 999, arrange blue light transfer

Administer oxygen to maintain saturations > 94%

Write a brief clear handover

Ensure crew pre-alert as 'Red Flag Sepsis'

Age	Tachypnoea		Tachycardia	
	Severe	Moderate	Severe	Moderate
< 1 y	≥ 60	50-59	≥ 160	150-159
1-2 y	≥ 50	40-49	≥ 150	140-149
3-4 y	≥ 40	35-39	≥ 140	130-139