

Adult Sepsis Screening and Action Tool

To be applied to all **non-pregnant adults and children over 15 years** with fever (or recent fever) symptoms, or who are clearly unwell with any abnormal observations

Patient Label

Name: _____

NHI: _____ DOB: _____
dd/mm/yy

Address: _____

Staff member Completing Form:

Date(dd/mm/yy): _____ Name (Print): _____

Designation: _____ Signature: _____

Important:

Is a Last Day of Life Care Plan in place? Yes Is escalation clinically inappropriate? No Initials _____ Discontinue Pathway

1. EWS 3 or above?
AND/OR does patient look sick?

2. Could this be an Infection? Tick

Yes, but source unclear at present

Systolic B.P. \leq 90 mmHg (or drop $>$ 40 from normal)

Pneumonia

Urinary Tract Infection

Abdominal pain or distension

Cellulitis/ septic arthritis/ infected wound

Device-related infection

Meningitis

Other (specify): _____

3. Is ONE Red Flag Present? Tick

Responds to only voice or pain/unresponsive

Systolic B.P. \leq 90 mmHg (or drop $>$ 40 from normal)

Heart rate $>$ 130 per minute

Respiratory rate \geq 25 per minute

Needs oxygen to keep SpO₂ \geq 92%

Non-blanching rash, mottled/ ashen/ cyanotic

Not passed urine in last 18 hours

Urine output less than 0.5 ml/kg/hr

Lactate \geq 2 mmol/l

Recent chemotherapy

Low risk of sepsis
Use standard protocols, review if deteriorates.

4. Any Amber Flag Criteria? Tick

Relatives worried about mental status

Māori and/or Pacific Ethnicity

Acute deterioration in functional ability

Immunosuppressed

Trauma/surgery/procedure in last 6 weeks

Respiratory Rate 21-24 or breathing hard

Heart Rate 91-130 or new arrhythmia

Systolic BP 91-100mmHg

Not passed urine in last 12-18 hours

Temperature $<$ 36°C

Clinical signs of wound, device or skin infection

Discuss with Senior clinician, decide either:

Start Sepsis Six Pathway (see page 2) Time complete initials

Take Bloods and review within 1 hour (FBC, U&E, CRP, LFT, coag, VBG, Lactate) Time complete initials

Hold off bloods and review within 1hr Time complete initials

Clinical deterioration or AKI or lactate $>$ 2

YES NO

Clinician to make antimicrobial prescribing decision within 3h Time complete initials

Red Flag Sepsis!! Start Sepsis Six pathway NOW (see page 2)
This is time critical, immediate action is required.

Adult Sepsis Screening and Action Tool

To be applied to all **non-pregnant adults and children over 15 years** with fever (or recent fever) symptoms, or who are clearly unwell with any abnormal observations

Patient Label	
Name: _____	
NHI: _____	DOB: _____ <small>dd/mm/yy</small>
Address: _____	

Make a treatment escalation plan and decide on CPR status
Inform consultant (use SBARR) patient has Red Flag Sepsis

<small>Time complete</small>	<small>Consultant informed?</small>	<small>Initials</small>
<input type="text"/>	<input type="checkbox"/>	<input type="text"/>

Action (complete ALL within 1 hour)

1. Administer oxygen

Aim to keep saturations >94%
(88-92% if at risk of CO₂ retention e.g. COPD)

<small>Time complete</small>	
<input type="text"/>	
<small>Initials</small>	
<input type="text"/>	

2. Take blood cultures

At least a peripheral set. Consider e.g. CSF, urine, sputum
Think source control! Call surgeon/radiologist if needed

<small>Time complete</small>	
<input type="text"/>	
<small>Initials</small>	
<input type="text"/>	

3. Give IV antibiotics

Refer to hospital guideline
Consider allergies prior to administration

<small>Time complete</small>	
<input type="text"/>	
<small>Initials</small>	
<input type="text"/>	

4. Give IV fluids

If hypotensive/lactate >2mmol/l, 500ml stat
Repeat if clinically indicated – do not exceed 30ml/kg

<small>Time complete</small>	
<input type="text"/>	
<small>Initials</small>	
<input type="text"/>	

5. Check serial lactates

If lactate >4mmol/l, call Critical Care and recheck VBG after each 10ml/kg iv fluid challenge

<small>Time complete</small>	
<input type="text"/>	
<small>Initials</small>	
<input type="text"/>	

6. Measure urine output

May require urinary catheter
Ensure fluid balance chart commenced and completed hourly

<small>Time complete</small>	
<input type="text"/>	
<small>Initials</small>	
<input type="text"/>	

After delivering the Sepsis Six, does patient still have any of the following?

- systolic B.P <90 mmHg
- reduced level of consciousness despite resuscitation
- respiratory rate over 25 breaths per minute
- lactate not reducing or >2mmol/l

If escalation remains clinically appropriate.

Consider vasopressor support and call ICU IMMEDIATELY