

Acute deterioration | Te tere tauheke haere

Assessment steps

This tool is to help recognise acute change in older people and provides assessment steps for early intervention.

STOP AND WATCH/assess and review



STOP AND WATCH

- S** Seems different than usual
- T** Talks or communicates less
- O** Overall needs more help
- P** Participates less in activities
- A** Ate less, difficulty swallowing medication
- N** No bowel motion > 3 days, diarrhoea
- D** Drank less
- W** Weight change
- A** Agitated or more nervous than usual
- T** Tired, weak, confused or drowsy
- C** Change in skin colour or condition
- H** More help walking, transferring, toileting

Acute deterioration identified by **STOP AND WATCH?**

The registered nurse to perform the following assessment and review.

(Review Clinical Reasoning Guide on page 2.)

Then consult with NP/GP using the SBAR tool as a guide for reporting findings.

Clinical Reasoning Guide

Start with the [STOP AND WATCH](#) and then complete reversibility assessment steps 1–8.

- As per [SBAR](#): History of the presenting problem. General appearance: pale, sweaty, distracted.
- Full set of obs T, P rates and rhythm, RR, BP, O₂ sats compare all with 'normal'.
- What is their medical history, and what medication are they on?
- Any recent labs, investigations, new medication?

Assessment	Review/action
Step 1	<p>Review what could be causing the change or decline overall</p> <p>a) Review recent history, b) do observations, c) are there recent medication changes?</p> <p>Review acute deterioration clinical reasoning guide (see next page) and SBAR form to review possible causes of symptoms.</p>
Step 2	<p>Take observations – review warning signs that indicate serious illness or sepsis (see sepsis screening tool)</p> <p>Take into account baseline observations:</p> <ul style="list-style-type: none"> • Respiratory rate > 24/minute (see respiratory care guide). • Increased respiratory rate is one of the most sensitive indicators of acute illness • SPO₂ < 90% • Temperature > 37.7°C or low temp < 36°C • New heart rate > 100 bpm • New systolic BP < 100 mmHg
Step 3	<p>Assess for recent labs or other results (eg, X-rays)</p> <p>Consider need for labs: CBC, CRP, electrolytes, creatinine, LFTs, MSU, BGL</p>
Step 4	<p>Review hydration status</p> <ul style="list-style-type: none"> • Start input/output chart, ensure input/output equal in 24 hours • Offer fluids orally every 1–2 hours to increase oral fluid intake to 1,000–1,500/24 hours • If unable to take oral fluids, consider normal saline SC (500 ml/12 hrs) and review diuretics (in consultation with prescriber)
Step 5	<p>Assess for delirium</p> <ul style="list-style-type: none"> • Delirium screen: Neuro changes, increased falls, functional change and/or confusion. • Neuro assessment: pupils, extremity, power, face and body symmetry, weakness. <p>See delirium care guide and 4AT delirium screen</p>
Step 6	<p>Review pain status</p> <p>Assess for pain location, type and severity. Review for pain intervention (use OLDCART)</p>
Step 7	<p>Review for constipation or diarrhoea</p> <p>Bowels not open for three days or watery bowels? Review available laxatives and clear bowels for constipation. Use loperamide and assess for dehydration for diarrhoea</p>
Step 8	<p>Review goals of care</p> <p>What does the resident/family/whānau want to happen now?</p> <p>Review again after assessment goals of care</p> <ul style="list-style-type: none"> • For hospitalisation? Antibiotics? • How does the family/whānau feel about the situation? What would they like to happen now? • For comfort care only? If comfort care only, see palliative care guide – palliative care is an ACTIVE process • Develop a plan of care based on the above assessment

(Singer et al 2016; Dellinger et al 2011; Ouslander et al 2011; Boockvar & Lachs 2003)

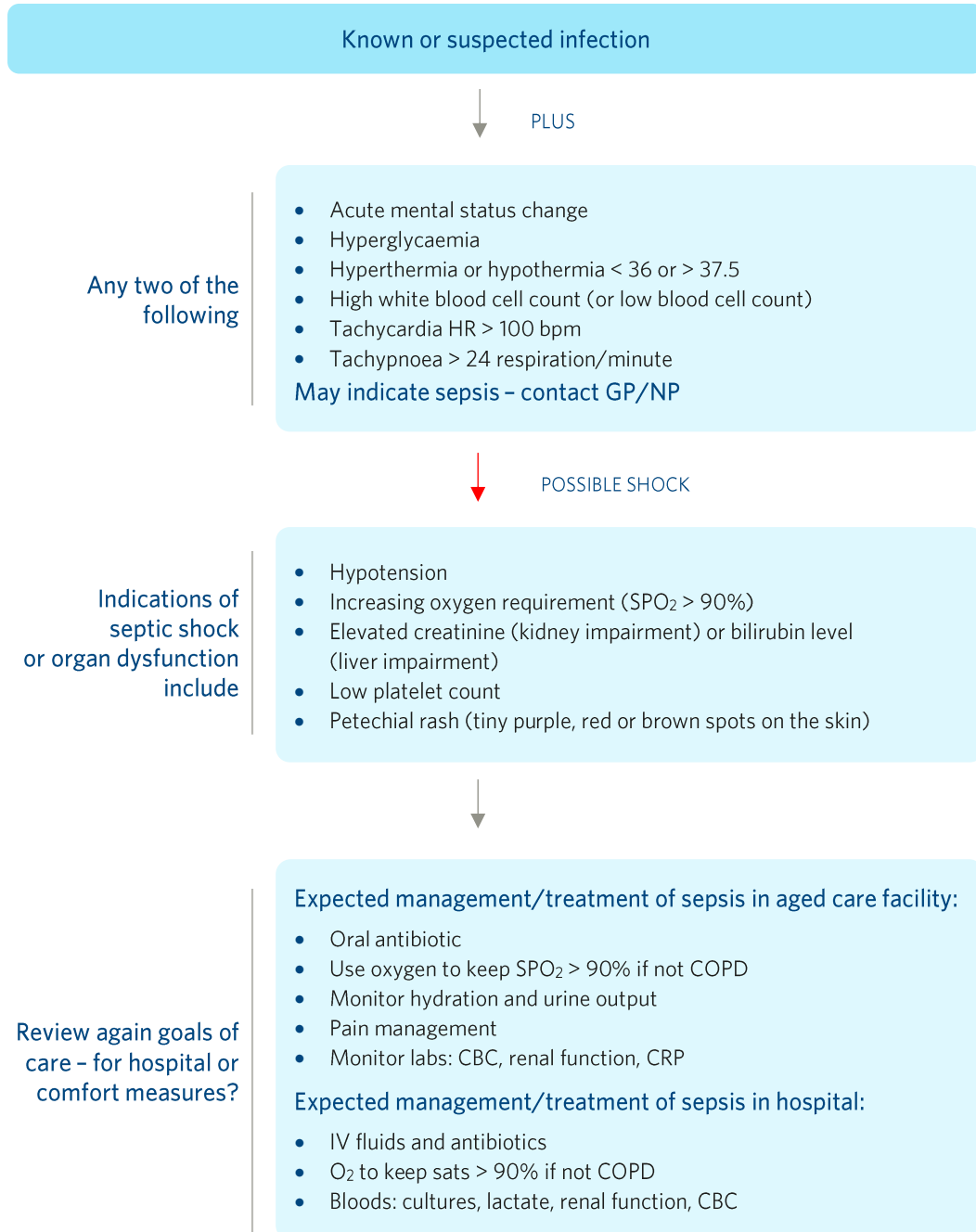
Possible causes for specific clinical changes

Below is a tool to help narrow down the clinical causes for acute deterioration.

Symptoms	Possible causes			
Dizziness	<ul style="list-style-type: none"> Neurological changes/CVA Benign positional vertigo Cardiac changes 	<ul style="list-style-type: none"> Dehydration Medication side effects 		
Confusion, change in behaviour	<ul style="list-style-type: none"> Medication side effects Delirium Stroke 	<ul style="list-style-type: none"> Uncontrolled diabetes Electrolytes imbalance Depression 	OLDCART Symptom evaluation tool	
Urinary dysuria, flank pain, lower abdominal pain	<ul style="list-style-type: none"> Urinary tract infection Urinary retention Constipation 	<ul style="list-style-type: none"> Pylonephritis (kidney infections) Medication 		O Onset
Sleepiness, fatigue, drop in consciousness level	<ul style="list-style-type: none"> Hypoxia BGL too low/too high Hypoactive delirium Medication 	<ul style="list-style-type: none"> Electrolyte imbalance Dehydration Infection Acute cardiac event or congestive heart failure Neurological change: CVA/TIA 		L Location
Fall	<ul style="list-style-type: none"> Cardiac changes Dehydration Urinary tract infection Lower respiratory tract infection 	<ul style="list-style-type: none"> Neurological event - eg, TIA or CVA Increasing frailty Medication changes 		D Duration
Skin changes, rash or wound	<ul style="list-style-type: none"> Infection - cellulitis? DVT? 	<ul style="list-style-type: none"> Allergic/reaction Bleeding (on warfarin?) 		C Character
Shortness of breath (SOB)	<ul style="list-style-type: none"> Respiratory: COPD or lower respiratory tract infection Anaemia 	<ul style="list-style-type: none"> Acute cardiac event or congestive heart failure 		A Aggravation or associated symptoms
Pain	<ul style="list-style-type: none"> Complete OLDCART Chest pain Neurologic 	<ul style="list-style-type: none"> Musculoskeletal Abdominal Peripheral neuropathic pain 		R Relievers
				T Treatment

Sepsis screening tool

Sepsis is a medical emergency



(Singer et al 2016; Dellinger et al 2013; and bpac^{NZ} 2018 *Sepsis: Recognition, diagnosis and early management*: <https://bpac.org.nz/guidelines/4/docs/Sepsis.pdf>)

A template of the modified SBAR tool can be downloaded here:

www.hqsc.govt.nz/assets/ARC/PR/Frailty_care_guides/Modified_SBAR_tool_template_example_FCG_final.docx.

Bibliography | Te rārangi pukapuka

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[See the full range of frailty care guides here.](#)