Principal name:
Other name(s):
D.O.B:
HRN:

Sex:

Patient Label

PRIMARY HEALTH CARE ADULT SEPSIS PATHWAY

Address must be documented if patient details handwritten

Sepsis is a time-critical MEDICAL EMERGENCY.

Clinical pathways never replace clinical judgment. Use this pathway for patients 13 years and over, in conjunction with CARPA manual and Remote Early Warning Score (REWS).

conjunction with CARPA manual and Remote Early Warning Score (REWS).									
Date: _	Time:	Initial:	Print na	ame:		Role:			
Could it be sepsis? Consider sepsis in all patients with signs/symptoms of an infection and abnormal vital signs. Presentation can vary between patients and at times may not be obvious. <i>Tick below all that apply.</i>									
RECOGNISE	Are there signs/symptom an infection? □ Fever or hypothermia. □ Neurological: confusion headache □ Skin: cellulitis, increase tenderness out of properties of properties. □ Abdomen: severe pail Genitourinary: dysurfill Intravenous (IV) line redness, pain, swelling Musculoskeletal: swelling joints or limbs, back publicated in Maternity: given birth last 6 weeks AND increase of the memory offensive discharge.	, rigors, myalgia, chion, neck stiffness, sed pain, infected with portion sputum, breathless in, tenderness ia, frequency, dischand dialysis access, discharge ollen, painful, tenderain or spinal tender or TOP/miscarriagerased vaginal bleeringe OR new abdom	hills , wounds, sness harge ess: ler, hot erness ge in the eding OR ninal pain	Increase your suspicion of sepsis in these patients: Aboriginal and Torres Strait Islander people greater than 45 years, non-Indigenous people greater than 65 years Homeless Alcohol misuse Previous sepsis admission Re-presentation Worsening of recently treated infection Recent surgery or invasive procedure Chronic illnesses: diabetes, renal failure, haemodialysis, cirrhosis Bacteraemia risk: prosthetic valves, IV drug use, cardiac implantable electronic device, indwelling medical devices Immunocompromised: HIV, cancer or immunosuppressive therapy Patient on beta-blockers Recent trauma including minor trauma Maternity: Recent birth, operative or assisted birth and/or prolonged rupture of membranes and/or pre-term birth					
	□ REWS greater than 5 □ A drop in systolic bloommHg or more compa □ An isolated vital sign in REWS	od pressure (SBP) o ared to usual SBP	of 40	00000 000	REWS of 3 or more Increasing REWS Increasing respiratory rate of 25/minute Lactate greater than 2 mmol/L New altered mental status White cell count greater than 12.0 x 10°/L or less than 4.0 x 10°/L, where POCT is available Petechiae Unexplained severe/strong pain Clinician/patient/caregiver concern	□ Nil escalation criteria present			
						•			
	Patient may hav	ve septic shoc	:k	۲	Patient may have sepsis or have other causes for deterioration	Sepsis screening negative			
RESPOND & ESCALATE	Top End, East Arnhem & Big Rivers: Urgent escalation to on-site Rural Medical Practitioners (RMP) or Duty Medical Officer (DMO) on 8999 8666.				y DMO, onsite RMP or MRaCC	Re-screen as clinically indicated.			
	Central Australia & Barkly: Urgent escalation to Medical Retrieval and Consultation Centre (MRaCC) on 1800 167 222.				:	Initial:			
	If sepsis suspected by a senior medical officer, commence the SEPSIS BUNDLE. Consider alternate diagnoses and simultaneous investigation and treatment for differential diagnoses.								
RESF	 Sepsis/septic shock diagnosis Y / N 								
	Time: Initia	al: P	Print name: _		Rol	le:			
	 If sepsis is not suspected now, document the provisional diagnosis in the medical record. Re-evaluate as clinically indicated. If patient deteriorates, re-screen by starting a new pathway. If to be discharged home, give patient sepsis recognition education. 								

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PHC ADULT SEPSIS PATHWAY



DEPARTMENT OF **HEALTH**

Principal name:
Other name(s):
D.O.B:
HRN:
Sev.

			La	

PRIMARY HEALTH CARE ADULT SEPSIS PATHWAY

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SEPSIS BUNDLE: 6 KEY ACTIONS IN 60 MINUTES*

*If patient at risk of febrile neutropenia with septic shock, administer antibiotics within 30 minutes.

Ensure management plan aligns with patient's goals of care.

If there are any clinically indicated variations in care to the pathway, document this in the patient record

				то то разлечи							
	1.	Consider oxygen therapy Maintain SpO ₂ 94% and above (aim 88-92% for moderate/severe COPD).	•	SpO ₂ maintained	Y/N						
	2.	Establish intravenous (IV) access If unsuccessful, obtain intraosseous (IO).	•	Access established	Y/N						
RESUSCITATE	3.	Perform tests, prioritising blood taken in the following order: blood cultures prior to antibiotics, CG4+ and CHEM8+. Do not delay antibiotics if unable to collect or inadequate sample or analyser issues.	•	Blood cultures collected	Y/N						
		Other investigations as indicated: sputum, wound and melioid swabs, pathology or stool and urine samples. Send culture pathology with the patient to the hospital.		Lactate collected	Y/N						
	4.	Administer IV antibiotics (check allergies) If source unknown, use sepsis/septic shock without clear focus antibiotic regimen. If source known, use empirical antibiotic regimen. Ensure nursing staff administer antibiotics immediately. If surgical source suspected, MRaCC/DMO to consult surgical team.	Lac	1st antimicrobial commenced 2nd antimicrobial commenced	Y/N Y/N						
	5.	Assess fluid state and consider fluid resuscitation If SBP less than 100mmHg or lactate greater than 2mmol/L commence 250 to 500 mL fluid bolus (0.9% sodium chloride or Hartmann's) up to 30mL/kg. Use smaller volumes in renal or cardiac patients. Consider inotropes early in consultation with MRaCC, CareFlight or ED Specialist: Metaraminol 0.5mg to 1mg (1mL to 2mL) IV as per 'Metaraminol Administration PHC Remote Protocol' OR Adrenaline 1 to 10 mcg/kg/hour as per 'Adrenaline Infusion PHC Remote Guideline'		Fluids administered Inotropes required	Y/N Y/N						
	6.	Monitor signs of deterioration and urine output While waiting for the retrieval service, monitor vital signs and calculate REWS every 15 to 30 minutes (as per CARPA) and urine output every 60 minutes. If warranted, insert IDC	•	Fluid balance commenced IDC required	Y/N Y/N						
	Bur	dle completed. Time: Initial: Print name:		Role:							
~1	Re-	assess and monitor observations every 30 minutes. Aim for the following:									
MONITOR		 Targeted vital signs as per medical consultation Lactate less than 2 mmol/L 	•	Urine output greater than 0.5mL/kg/hour							
ESS & MC	Lac	tate level at 4 hours: Time: Level: mmol/L 8 hours: Time: Level: mmol/L									
SSE	Escalate for further medical review if patient meets any of the following: Tick below which escalation criteria apply.										
RE-ASS		□ Targeted vital signs are not achieved □ Lactate not trending down □ Urine output less than 0.5mL/kg/hour		New altered mental state Clinician/patient/caregiver cor	ncern						
	Pre	pare for Transfer: Tick once completed.									
HANDOVER		 Follow local transfer procedure Sepsis diagnosis and management plan discussed with patient/family/caregiver and or required Use ISOBAR/ISBAR to handover to receiving team Handover culture pathology to the retrieval team Handover copy of sepsis pathway to the retrieval team 	educa	ation provided, arrange an esco	ort if						

