NORTHERN TERRITORY DEPARTMENT OF HEALTH PRIMARY HEALTH CARE		Principal name: Other name(s): D.O.B: HRN: Sex:	Patient Label						
P	AEDIATRIC SEPSIS PATHWAY		the degraphent if refirst details have the						
PAEDIATRIC SEPSIS PATITIVAT 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 0 to 12 years in conjunction with CARPA manual and Remote Early Warning Score (REWS).									
Date	: Time: Initial: Print i	name:	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>									
	Are there signs/symptoms that are consistent with an infection?		cion of sepsis in these patients:						
			orres Strait Islander people						
	Fever or hypothermia, rigors, tachycardia, reduced alertness	 High level of pare Re-presentation 	rental/caregiver concern						
	 Cool peripheries, mottled skin, pallor 	 Previous sepsis p 							
	Respiratory: cough, increased respiratory rate or	Worsening of infe	fection despite antibiotics treatment						
	work of breathing, apnoea		invasive procedure or burns						
	Skin: cellulitis, increased pain and tenderness out		mised or neutropenia						
	of proportion, infected wounds, non-blanching rash IV line access: redness, pain, swelling, discharge		e or congenital disorder aemia: prosthetic valves, VP shunt, indwelling						
	 Musculoskeletal: swollen, painful, tender, warm 	medical devices	sine provide veryor, vr shun, indwelling						
	joints or long bones	Recent trauma in	ncluding minor trauma						
	Neurological: neck stiffness, headache,	Under 2 months of	of age						
	photophobia, altered level of cognition or								
Щ	 consciousness Abdomen: severe pain, tenderness, urinary tract 								
Ĩ	infection, severe vomiting								
RECOGNISE	Younger children may present with the following:								
U U									
RE	Weak cry, grunting, irritable								
	 Decreased feeding Acute weight loss (associated with dehydration) 								
	PLUS any of the following criteria:								
		REWS 3 or more	· · · · · · · · · · · · · · · · · · ·						
	REWS 5 or more	Increasing REWS							
	An isolated vital sign in the red zone of the REWS	Increasing respir	ratory rate present						
			return greater than						
		2 seconds							
		 Lactate greater the second seco							
		 New altered mer Petechiae 							
		Unexplained sev	51						
			cell counts, where						
		POCT is availabl							
		Clinician/parenta	al/caregiver concern						
		Patient may have	sepsis or have Sepsis screening						
	Patient may have septic shock	other causes for							
	Top End, East Arnhem & Big Rivers: Urgent	Notify DMO, onsite RM	MP or MRaCC. Re-screen as clinically						
ESCALATE	escalation to on-site Rural Medical Practitioners (RMP)		indicated.						
	or Duty Medical Officer (DMO) on 8999 8666.	Escalated to:							
SAI	Central Australia & Barkly: Urgent escalation to								
ESC	Medical Retrieval and Consultation Centre (MRaCC) on 1800 167 222.	Time:	Initial:						
ంర	If sepsis suspected by a senior medical officer, commence the SEPSIS BUNDLE . Consider alternate								
ND	diagnosis and simultaneous investigation and treatment for differential diagnoses.								
RESPOND		eptic shock diagnosis Y	/ N						
ES									
R	Time: Initial: Print name:		Role:						
	 If sepsis is not suspected now, document the provisional diagnosis in the medical records. Re-evaluate as clinically indicated. If 								
	patient deteriorates, re-screen by starting a new path	-							
	 If to be discharged home, give patient and/or caregiv 		ucation.						

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PHC PAEDIATRIC SEPSIS PATHWAY

S S S	DEPARTMENT OF HEALTH	Principal name: Other name(s): D.O.B: HRN:		Patient Label				
P	PRIMARY HEALTH CARE AEDIATRIC SEPSIS PATHWAY			ented if patient details hand	lwritten			
	SEPSIS BUNDLE: 6 KEY *If patient at risk of febrile neutropenia with sep							
	Ensure management plan ali If there are any clinically indicated variations in car							
	1. Consider oxygen therapy Maintain SpO ₂ 94% or higher.			 SpO₂ maintained 	Y / N			
	2. Establish intravenous (IV) access If unsuccessful, obtain intraosseous (IO) access.		I	 Access established 	Y / N			
	 Perform tests, prioritising blood taken in the following to antibiotics, CG4+ and CHEM8+. 	g order: blood cultures p	rior	 Blood cultures collected 	Y / N			
	Do not delay antibiotics if unable to collect or inadequate sample or analyser issues. Other investigations as indicated: urinalysis, sputum, wound swabs, melioidosis, pathology or stool samples. Send culture pathology with the patient to the hospital.			Lactate collected	Y / N			
	· · · · · · · · · · · · · · · · · · ·	· · ·		Lactate level: mmo	I/L			
RESUSCITATE	4. Administer IV/IM antibiotics (check allergies) If sepsis give ceftriaxone 50mg/kg IV/IM If septic shock, give ceftriaxone 100mg/kg IV/IM and gent	amicin 7 5mg/kg IV/IM		 1st antimicrobial commenced 	Y/N			
	(maximum 560mg) Discuss with on-call paediatrician for advice. Ensure nursing staff administer antibiotics immediately.			2 nd antimicrobial commenced	Y / N			
œ	If surgical source suspected, MRaCC/DMO to consult sur	gical team.						
	 Assess fluid state and consider fluid resuscitation Use 10 mL/kg (0.9% sodium chloride or Hartmann's) bolu Consider inotropes / vasopressors early in consultation w Emergency Specialist: Adrenaline 1 to 10mcg/kg/hour IV as per 'Adrenaline Infus The guideline requires the administration rate is calculate 	ith MRaCC or CareFlight of sion PHC Remote Guidelir	ne'.	Fluids administeredInotropes required	Y / N Y / N			
	6. Monitor signs of deterioration and urine output While waiting for the retrieval service, monitor vital signs a 30 minutes (as per CARPA) and urine output every 60 mi		IDC.	Fluid balance commenced IDC required	IY/N Y/N			
	Bundle completed. Time: Initial: Print	t name:		Role:				
Ř	Re-assess and monitor observations every 30 minutes. Air	m for the following:						
& MONITOR	 Targeted vital signs as per medical consultation Lactate less than 2 mmol/L Central capillary return under 2 seconds 	ood glucose greater than 3 mmol/L ine output greater than 0.5mL/kg/hour						
ŝ	Escalate for further medical review if patient meets any of the following: Tick below which escalation criteria apply.							
RE-ASSESS	 Central capillary return more than 2 seconds Targeted vital signs are not improving 			Urine output less than 0.5mL/kg/hour New altered mental state Clinician/parental/caregiver concern				
VER	Prepare for Transfer: Tick once completed. Follow local transfer procedure Sepsis diagnosis and management plan discussed with patient/family/caregiver and education provided, arrange an escort if							
HANDOVER	 Sepsis diagnosis and management plan discussed with patient/family/caregiver and education provided, arrange an escort if 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 							
Sepsis Resources for Health Professionals								
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Principal name:

