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0	d Adolescent Health Service th Children's Hospital	Med Rec. No:		
		Surname:		
SEP	SIS PATHWAY	Forename:		
		Gender: D.O.B		
Results / Investigati	ons			
Document key results;	handover outstanding results and inve	estigations to be followed up		
Additional Clinical N	Notes			
		65		
		-05		
		1000		
		- pUr		
Disposition				
Disposition  Ward PCC	Other:			
vvard PCC	Other:			
Date DD: MM: YY Tin	me: HH:MM (24hr) Signed:	Clinician:		
	100			
Post Resuscitation				
	sepsis are at a high risk of deterioration t plans are to be documented in the he	despite initial resuscitation, IV antibiotics and fluids.  ealth care record.		
Ongoing monitoring	Monitor closely for deterioration			
	Document required frequency of observed in the control of the			
	Document plan for timing of repeat blood tests e.g. blood glucose, blood gas / lactate, FBC, UEC, LFTS, CRP and coagulation profile			
Medical review	Document time for next medical review (within 4hrs of pathway commencement)			
Source of sepsis	Reassess and re-examine patient for source of infection, including invasive devices			
	Consider urine sample, bacterial + viral swabs of skin lesion, EDTA blood sample for			
	meningococcal, pneumococcal and Group A streptococcal PCR, CSF collection and imaging			
Antimicrobial review	<ul> <li>Follow-up all cultures and PCR results and notify (when required) public health</li> <li>Review antimicrobial regimen within 24-72 hours</li> </ul>			
Seek advice from Infectious Diseases physician and/or Microbiologist				
Sepsis diagnosis				
Family		ement plan with patient and carers, and document discussion		
	<ul> <li>Antibiotic prophylaxis for household contacts (meningococcal, Group A streptococcal sepsis)</li> <li>Consider cultural needs, and use an interpreter for families with limited English proficiency</li> </ul>			
Dischaus Quide				
Discharge Guide	completed with some as a discussion			
-	completed with sepsis as a diagnosis	pay developmental follow up etc		

Child and Adolescent Health Service Perth Children's Hospital

# **SEPSIS PATHWAY**

Med Rec. No:
Surname:
Forename:
Gender: D.O.B

Family and/or clinician concern

Clinician:

(one tick box requires escalation)

Any observation in red zone

EWS ≥ 8

AVPU score P

Lactate > 4 mmol/L

BGL < 3 mmol/L

Suspected infection and or abnormal temperature and ANY of the following:

For use in infants, children and adolescents treated at Perth Children's Hospital with suspected or confirmed sepsis (excluding those admitted to the Neonatal Intensive Care Unit) Clinical pathways / guidelines never replace expert clinical judgement.

#### SEPSIS is infection with organ dysfunction and is a MEDICAL EMERGENCY

### Could this be sepsis?

If sepsis is considered, perform full set of observations then follow Sepsis Escalation Pathway Prompt below High-risk patients - consider a lower threshold for requesting Senior Clinician Review in the following groups

Infants less than 3 months	Recent surgery, burn or wound
Immunosuppression, chemotherapy, long-term steroids or asplenia	Complex / chronic medical condition
Central venous access devices (CVAD), indwelling medical devices	Culturally and linguistically diverse children
Unimmunised / incomplete immunisations	Representation (including GP)

one tick box constitutes high risk

## Screening initiated:

Suspected infection and or abnormal
temperature and ANY of the following:

Date DD: MM: YY Time: HH:MM (24hr) Signed:

Rural, remote, low socioeconomic status, delayed access to healthcare

EWS 6 - 7

Mottled, CRT ≥ 3 or cold peripheries

(one tick box requires escalation)

Non-blanching rash

Drowsy or confused Unexplained pain

Lactate 2 - 4 mmol/L

Family and/or clinician concern is continuing or

Request Treating Doctor or STARS review within

Reviewing doctor to discuss with Senior Clinician /

Consultant responsible for the patient

Date DD: MM: YY Time: HH:MM (24hr) Signed:

Request Senior Clinician Review within 5 mins ED: Consultant (Registrar overnight)
Ward: Request MET review

State "sepsis review required"

No response within 5 mins or clinically indicated call a CODE BLUE

Reviewing doctor to notify Consultant responsible for the patient

Clinician:

State "sepsis review required"

Outcome of Senior Clinician Review

At PCH the Senior Clinician is the Consultant / Fellow. If unavailable or overnight this is the ED / STARS Registrar or most senior MET team me

Ļ	The second contact to the contact to			
ESCA CA	☐ NO - unlikely Sepsis	YES - SUSPECTED SEPSIS WITHOUT SHOCK	YES - SUSPECTED SEPSIS WITH SHOCK	
	Patient unlikely to have sepsis now. Consider differential diagnosis. Re-evaluate & escalate as indicated	ED - consider moving to RESUS WARD - consider calling a MET  WARD - call Consultant	■ ED - move to RESUS ■ WARD - call a MET / CODE BLUE ■ ED & WARD - call Consultant	
	Patient and carers directed to appropriate consumer	Urgently commence resuscitation and sepsis management as per page 3	Urgently commence resuscitation and sepsis management as per page 3	

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PCH patient and visitor sepsis resources provided to patient and carers

Chi	lld and Adolescent Health Service Perth Children's Hospital	Med Rec. N	No:	UERE
		Surname:		ABELLI
(	SEPSIS PATHWAY	Forename:		
		Gender:	Ъ,	D.O.B
Initial Medic	cal Assessment	·		Allergies
				Medications
				CONL
Primary As	sessment		Comments	× 63
<b>A</b> irway	☐ Patent ☐ Compromised		C	5
Breathing	Effort: Auscultation:		24	
Circulation				
A V P U BGL: Photophobia: Yes No Pupils: Neck Stiffness: Yes No Anterior fontanelle: Normal Bulging Sunken Seizures: Yes No Tone: Irritable or unexplained pain?				
Exposure	Temperature: Rash? Consider source, document other key findings (e.g. abdominal exam):	y examination		
_	Impression – include likely source of infection Senior Clinician to select appropriate box on page 1 and sign			
Date DD: MM	: YY Time: HH:MM (24hr) Signed:		Clinicia	n:

Child and Adolescent Health Service Perth Children's Hospital  SEPSIS PATHWAY			Med Rec. No:		
		Surname:			
		Forename:	(LAD		
			Gender:	D.O.B	
	Managemen Refer to the P	t CH Sepsis Recognition and Management Guid	eline for further details		
	Airway	Assess and maintain airway  If airway compromised consider calling a CODE BLUE. Intubation in Sepsis / Septic Shock is high risk			
	Breathing	Assess and apply oxygen as required to keep S	SpO2 ≥ 93%	Supplemental oxygen Type:	
	Circulation	Vascular Access, Bloods, Antibiotics, Fluids Vascular access: In Septic Shock aim for acce	ess within 5 minutes.	☐ Vascular access	
		Consider intraosseous access after 2 failed atte	<u> </u>	Time: HH:MM (24hr)	
RESUSCITATE		<ul> <li>Blood sample: Don't delay resuscitation and collection is not possible.</li> <li>Aim for the following (in order of priority):</li> <li>Glucose - if &lt; 3 mmol/L treat with 2 mL/kg glue</li> <li>VBG including lactate</li> <li>Blood Cultures</li> <li>FBC, UEC, LFTS, CRP, coagulation studies Normal blood test results do not exclude sepsis; Culantibiotics.</li> </ul>	icose 10%	Glucose checked Result: mmol/L Lactate checked Result: mmol/L Blood cultures taken Time: HH:MM (24hr)	
		<ul> <li>Antibiotics: Prescribe per the ChAMP Guidelin</li> <li>Check allergy status</li> <li>Give first dose by IM injection if no access All IV antimicrobials in the 'ChAMP – Sepsis and B suitable for IM administration except vancomycin</li> </ul>	Antibiotics commenced Time: HH:MM (24hr)		
	OR	<ul> <li>Fluid Resuscitation</li> <li>10 - 20 mL/kg sodium chloride 0.9% bolus pushed via vascular access for patients with septic shock or circulatory compromise (10 ml/kg boluses for neonates)</li> <li>Review after each bolus for reversal of shock e.g. CRT, HR, BP, clinical condition</li> <li>Repeat boluses, as required, total volume up to 40 mL/kg (may exceed on Consultant / PCC advice)</li> <li>Consider Balanced Fluids (e.g. Plasma-Lyte 148 or Hartmann's) if patient is acidotic or hyperchloraemic</li> </ul>		Ist fluid bolus Time: HH:MM (24hr) mL/kg: Additional boluses Time: HH:MM (24hr) mL/kg: Time: HH:MM (24hr) mL/kg: Time: HH:MM (24hr) mL/kg:	
		<ul> <li>Inotropes considered (PCC review mandatory at this stage):</li> <li>If circulatory failure / shock persists after 40 mL/kg fluids OR if deemed appropriate by Consultant</li> <li>Peripheral adrenaline is the appropriate first line choice in most circumstances</li> </ul>		☐ Inotropes commenced Time: HH:MM (24hr) ☐ PCC review	
	Disability	Assess level of consciousness  Repeat BGL as appropriate Consider need for airway support if low GCS / level of consciousness		Glucose rechecked  Result: mmol/L	
	Exposure	Targeted history and re-examine the patient for sources of sepsis			
	Fluids  Commence Fluid Balance Chart and monitor strict fluid input / output  Consider indwelling urinary catheter  Monitor for signs of fluid overload (e.g. worsening breathlessness, new o				
Steroids  • Children on long-term steroid therapy or with adrenal insufficience  Date DD: MM: YY Time: HH:MM (24hr) Signed:		Children on long-term steroid therapy or with	adrenal insufficiency should	I receive stress dose steroids	
		Clinicia	ın:		

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15/11/23 11:59 am

DO NOT WRITE IN BINDING MARGIN