		PATIENT LABEL OR BLOCK PRINT								
SIF	R CHARLES GAIRDNER HOSPITAL	URN:								
		SURNAME:								
		GENDER: DOB:								
ADULT ED SEPSIS PATHWAY										
3 point Patient ID check completed and affixed patient label correct (name & signature)										
Initiate screening for patients >15 years with features of infection, possible infection or who look unwell. <b>IMPORTANT NOTE:</b> No unique set of diagnostic features exist for infection / sepsis. The following are prompts to assist clinical decision- making and risk assessment. Pathways / guidelines should not replace clinical judgement.										
Screer	ning Initiated: DOCTOR / NURSE (G	RADE) SIGNATURE DD/MM/YY 00:00 24HR								
	IMPORTANT NOTE: An absence of risk factors does not exclude sepsis as cause of illness or risk of deterioration									
	□ Infection likely	□ Infection unlikely								
REENING	NOTION         Features of organ dysfunction? (Each score in the second status from baseline in the second st	Persue a foll systems examination is performed     Request Bloods (FBP / U+E / LFT / BSL +/- Others)     Identify likely source     Imaging (USS / Xrays / CT / etc)     Cultures (Blood culture/MSU/Wound swabs/etc)     Consider alternative diagnosis     If ≥2 features obtain:     blood gas to assess lactate								
SC	Features of hypoperfusion? (Each scores 1 point)         SBP <90mmHg or MAP <65 (Despite fluid bolus)         Cool / mottled skin         New altered mentation         Lactate > 2         Urine output <30ml/hr or <0.5ml/kg/hour									
	□ ≥2 features of hypoperfusion □≥2 feat	tures of organ dysfunction $\Box < 2$ features of organ dysfunction (Q-sofa								
	or (Q-sof or or	a or other criteria) or other criteria) and no hypoperfusion SEPSIS less likely								
	Patient likely has: Patient SEPTIC SHOCK	t likely has: SEPSIS • Re-evaluate for sepsis if condition deteriorates or new features of infection develop Exit sepsis pathway								
	<b>↓</b>									
	TIME ZERO when SEPSIS is recognised     DD/MM     00:00 24HR     INITIALS									
NOI	Name of Senior medical or nursing staff contacted         DD/MM         00:00 24HR         SENIOR NURSING STAFF         SENIOR MEDICAL STAFF									
ACT	Review any Advanced Health Directives and discuss Goals of Cares as appropriate.									
4	Address life threatening issues immediately. Perform an A B C D E assessment without delay.									
PLEASE TURN OVER AND CONTINUE ONTO SEPSIS MANAGEMENT (TO BE COMPLETED BY TREATING DOCTOR)										

ADULT ED SEPSIS PATHWAY

		1. Take blood cultures - minimum of 2 sets								
	<ul> <li>Collect from separate sites prior to antibiotics using aseptic technique</li> <li>Collect other relevant cultures - urine / sputum / wound / abscess / joint space / CSF* / Invasive line cultures (e.g central line, etc) (This counts as 1 set of 'blood culture') *(Do not perform lumbar puncture in shock or coagulopathy)</li> </ul>			Blood cultures other cultures taken:	DD/MM	00:00 24HR 00:00 24HR	INITIALS INITIALS			
	Collect lactate (If not already)     Collect venous or artertial blood gas. Repeat in 1 hour if initial lactate >2mmol/L     Collect FBC / U+E / LFTs / BSL +/- Coagulation profile (If not already)			Initial Lactate tak	en: DD/MM	00:00 24HR	INITIALS			
	Identify likely source     Imaging (USS / Xrays / CT / etc)     Cultures (Blood culture / MSU / Wound swabs / etc)			Initial lactate res	ult: mmol/L	Repeat lactate re	esult: mmol/L			
	<ul> <li>3. Commence IV Antibiotics (Within 1 hour)</li> <li>Check Allergies</li> <li>Check Antibiotic guidelines guided by likely source of infection</li> <li>Consider Risk of Resistant organisms (e.g. recent travel / hospitalisation / previous microbiology results)</li> <li>Consult microbiology / Infectious Disease Team as required</li> </ul>			1st Antibiotic tim	e: DD/MM	00:00 24HR	INITIALS			
				alisation /	Name of Antibiot commenced:	ics	1st ANTIBIOTIC			
	OBTAIN					3rd ANTIBIOTIC				
	<ul> <li>4. Suspected source of Sepsis</li> <li>Consider need for source control (e.g incision and drainage / infected device removal, etc)</li> <li>Contact appropriate team for source control (e.g. General surgery, etc)</li> </ul>				Specialty contac	ted:	SPECIALTY			
1EN	Document plan in notes     SUSPECTED SOURCE					DD/MM	00:00 24HR	INITIALS		
ΕN	S. IV fluid challenges     • 10-15ml/kg IVF challenges of isotonic crystalloid				1st Fluid Bolus:	DD/MM	00:00 <b>24HR</b>	INITIALS		
DAG	Repeated up to 30ml/kg. To be titrated against clinical appropriate targets (Unless contraindications e.g. APO, etc) Reassess haemodynamic response and consider Ultrasound for fluid status			Total IVF given		00.00 2411	ml			
AN	If unresponsive to fluids probable SEPTIC SHOCK									
Σ	Persistent Hypotension or features of hypoperfusion despite IVF?									
S	Additional managemer	nt for suspec	cted SEPT	IC SHOCK						
SEPSIS MANAGEMENT	<ul> <li>6. Haemodynamic resuscitation</li> <li>If inadequate perfusion persists <u>despite</u> appropriate IV fluid resuscitation commence VASOPRESSORS / INOTROPES and contact ICU / HDU for review</li> <li>1st Line - Noradrenaline (Commence peripheral protocol when central access not available)</li> <li>2nd Line - as per Senior Medical / ICU / HDU input</li> </ul>			<ul> <li>7. Reassess response to initial measures         <ul> <li>Assess mental status, skin perfusion and capillary refill</li> <li>Maintain airway and oxygenation</li> <li>Assess need for respiratory support (NIV / IPPV)</li> <li>If requiring vasopressors to maintain adequate blood pressure:                 <ul> <li>Insert Urinary Catheter - monitor hourly urine output</li> <li>Insert arterial line</li> </ul> </li> </ul> </li> </ul>						
	Aim MAP 65-70mmHg or as clinically indicated									
	Time vasopressor / inotrope initiated:	DD/MM 0	0:00 24HR	INITIALS			d for <b>central veno</b> u	is access		
	Vasopressor / inotrope used:	VASOP	RESSOR / IN	IOTROPE		st: DD/MM	00:00 24HR	INITIALS		
	Time ICU / HDU contacted	DD/MM 0	0:00 <b>24HR</b>	INITIALS	21	d: DD/MM	00:00 24HR	INITIALS		
	Total IVF prior to vasopressor / inotrope:			m						
	Yes to any       Require vasopressor to ma         Yes to any       Have a respiratory rate ≥25         (Consider escalation of treatment and expediting transfer to critical care)       Require -spiratory support         Have other signs of critical							resuscitation? ≥94%? √)?		
Treatment variation - describe modifications of bundle e.g. non-therapeutic guideline antibiotic choice, withholding or delay in treatment, patient co-morbidities precluding volume loading, ICU admission, etc										
Medical	Medical officer completing form: DOCTOR (GRADE) SIGNATURE			Date	and time complete	DD/MM	00:00 24HR	INITIALS		
(An emergency call can be initiated at any time if you are clinically concerned)						and time complete DD/MM 00:00 24HR INITIALS				
ED Staff name Ward S										