

Sickle Cell Disease and/or Asplenia with Fever or Acute Illness ED/Clinic Management Greater than 1 month old

K07002307 Jun/7/2002 M SCA,TEST Visit ER0000145/12 **HCN:** 22222222

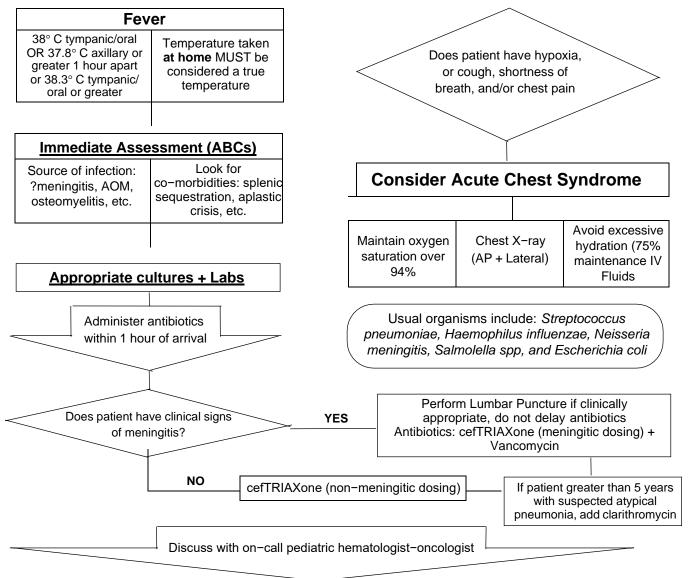
ER0000145/12 **HCN**: 22222222 Van den Hof, TEST / TEST, Maureen Dec/8/2011

Patient:			<u> </u>	
□Alert Record Review	ved □No All	ergies Known		
□Allergies-Adverse F	Reactions-Cautio	ons:		
Age Patien	t's Weight	kg	Date of Patient's We	eight
DIAGNOSIS:				
Refer to APPHON webs cell disease in Canada	ite for the link t	o the CanHaem C	onsensus Statemer	() are only actioned if checked (√) nt on the care of patients with sickle kle-cell-guidelines)
Within 30 minutes of arri	vol:			
Blood culture (ideally CBCD, reticulocyte co □Blood gas, lactate if □Urinalysis □ Chest X-ray (AP an □NPA (PCR) for: □	oefore giving ant unt, Na+, K+, BU hemodynamica Urine culture d Lateral) Influenza/RSV E	N, creatinine, ALT, lly unstable	AST, bilirubin (total a	cs beyond 60 minutes from time of arriva and direct), blood glucose ired)
□Throat swab for myo □Lumbar puncture □Other	coplasma	·	,	
MONITORING				
then every four hours				ulse oximetry every hour until stable, e prescriber and respiratory therapist
DIET/FLUIDS				
If acute chest syndrome				
□NaCl 0.9% (3/4 x ma Otherwise:	aintenance rate;	maximum 150 mL/	nour)mL/hour	IV or oral equivalent
	maintenance rat	e; maximum 150 m	ıL/hour)mL/ho	ur IV or oral equivalent
	stration. Do NOT	wait for CBC resu	lts. If patient has had	logist/Oncologist. NEVER delay la confirmed anaphylactic reaction to
For all patients with fev	er and/or acute	e illness:		
	ccess after 3 atte	empts or 45 minute	s, use IM route for in	//IM* q24h itial dose (patients greater than 5 kg, the out epinephrine as per IWK DDG)
				or children 5 years and under) ng/PO BID (in addition to cefTRIAXone)
	of age: vancom	ycin (15 mg/kg/dos		g/dose)mg IV q6h g/dose)mg IV q8h
DISPOSITION				
□Discharge Home wi	•		ū	
Appointment date a □Admit/Transfer to	nd time	and refer to ADE	Location	Call Order Set
LAUTHIN TRAINSIEL 10		and refer to APF	TION IIIPAUEIII SICKI	e Cell Older Set
DATE (yyyy/MON/dd) Tin	ne (24hr/hh:mm)	Prescriber Signature)	Printed Surname/Registration #
DATE (yyyy/MON/dd) Tin	ne (24hr/hh:mm)	Verified By (Signatu	re)	Printed Surname

Note: Page 2 Clinician Information



Algorithm for the Management of Children Greater than 1 month old or with Sickle Cell Disease and/or Asplenia with Fever or Acute Illness



Admission Criteria (list is not exclusive)						
Patient Factors	Environmental	Clinical	Investigations			
 Age less than 1 year Prophylaxis indicated but patient not compliant History of invasive pneumococcal infection Patient on chronic transfusion therapy for stroke 	 No reliable method of contact Lives more than 45 minutes away from nearest ED Unable to return in 12 to 24 hours for reassessment 	Temperature greater than 39.5° C Dehydration Abnormal vital signs Toxic appearing Signs of meningitis Suspected acute chest syndrome Any concerning features	 WCB greater than 30 x 10⁹ /L ANC less than 0.5 x 10⁹ /L Hgb less then 60 g/L Plt less than 100 x 10⁹ /L Urinalysis positive for blood, nitrates, or leukocyte estrase Infiltrates on chest Xray 			

- If patient has history of penicillin allergy (including anaphylaxis to penicillin), IV cefTRIAXone can still be used safely.
 - Due to the small risk of reaction, observe the patient
- If patient has history of cefTRIAXone allergy or reactions, consult with patient's hematologist/oncologist and/or refer to patient's chart if a pre-made plan is in place