

Patient:

FEBRILE NEUTROPENIA ORDERS AND ALGORITHM

(adapted with permission from the IWK Health Centre - June 2017)

Age		Wt: k	g Date of Wt	t (dd/mm/yyyy)	. <u></u>		
Height			Body Surface	e Area			
	_						
					ssional ONLY ON THE A	AUTHORITY OF AN	
				e occurs, check as appr Guidelines for Managemer		ia, IWK/APPHON Guidelines.	
Fax	completed of	order to (902)470	0-7208 (IWK Ped	diatric Hematology/Oncology	/ Office).		
Required Evaluations		CBC with Differential and baseline lactate level within 30 minutes of arrival and then daily CBC with Differential.					
		Daily Na, K, Cl	y Na, K, Cl, BUN, Creatinine				
		Blood cultures	cultures from central line (all lumens) prior to administration of antibiotics				
		Blood cultures	cultures from peripheral site (if doesn't have a central line) prior to administration of antibiotics				
		Repeat blood of	epeat blood cultures once daily, if temperature is greater than or equal to 38.3° and/or appears sick				
Pleas	se check as	s appropriate					
Optional		□ Urinalysis					
Evalu	uations	□ NPA swab for; □ Influenza, □ RSV, □ Adenovirus, □ Other					
		□ Chest X-ray □ Other:					
Vital	Signs	At least every h	nour until stable, t	then q4h and within 30 minu	tes prior to leaving the hosp	ital	
	Unsta	ble patients r	equire TRIPLE	antibiotic therapy. Star	t antibiotics immediatel	y on arrival.	
•	• For m	anagement of	patients see a	algorithm on reverse of	form.		
•				ferential results cannot	be obtained within 60 m	ninutes of hospital arrival	
		antibiotics reg					
	Δltern	ate antibiotic	s between lum	ens.			
•							
•		ediatric Onco	logist within 6	0 minutes of arrival.			
•	Call P			0 minutes of arrival. Treatment			
•			IV D5W+ 0.9%	0 minutes of arrival. Treatment NaCl at 1 ½ x maintenance	per hour =	mL/hour	
•	Call P		IV D5W+ 0.9%	0 minutes of arrival. Treatment	per hour =	mL/hour	
•	Call P		IV D5W+ 0.9% (up to 150 mL/h	O minutes of arrival. Treatment NaCl at 1 ½ x maintenance nour) or oral equivalent	per hour = ng IV q8h (240 mg piperaci		
•	Hydration NO Pen	1	IV D5W+ 0.9% (up to 150 mL/h	O minutes of arrival. Treatment NaCl at 1 ½ x maintenance our) or oral equivalent azobactamn		llin/kg/day) (max 4g/dose)	
•	Hydration NO Pen	icillin Allergy	IV D5W+ 0.9% (up to 150 mL/h Piperacillin-Ta	O minutes of arrival. Treatment NaCl at 1 ½ x maintenance nour) or oral equivalent azobactam n mg IV q8h (150 mg	ng IV q8h (240 mg piperaci	llin/kg/day) (max 4g/dose)	
•	Hydration NO Pen	icillin Allergy in Allergy	IV D5W+ 0.9% (up to 150 mL/h Piperacillin-Ta ceftAZIDime Vancomycin	O minutes of arrival. Treatment NaCl at 1 ½ x maintenance nour) or oral equivalent azobactam n mg IV q8h (150 mg	ng IV q8h (240 mg piperaci /kg/day) (maximum 6 g/day) /kg/day) (maximum 4 g/day k	llin/kg/day) (max 4g/dose)	
•	Hydration NO Pen Penicilli	icillin Allergy in Allergy 2 years of age	IV D5W+ 0.9% (up to 150 mL/h Piperacillin-Ta ceftAZIDime Vancomycin Trough levels pi	O minutes of arrival. Treatment NaCl at 1 ½ x maintenance four) or oral equivalent azobactam n mg IV q8h (150 mg, mg IV q6h (50 mg, re 3 rd or 4 th dose (target 5-	ng IV q8h (240 mg piperaci /kg/day) (maximum 6 g/day) /kg/day) (maximum 4 g/day k -15 micrograms/mL)	llin/kg/day) (max 4g/dose)	
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Note: Page 2 Clinician Information Only

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