

RUH SCH SPH OTHER _____

PHYSICIAN'S ORDERS

Page 2 of 2

ALLERGIES: _____

IMPRINT BELOW THIS LINE

Any PRINTED version of this document is only accurate up to the date this document was developed. SHR can not guarantee the currency or accuracy of any printed policy. SHR accepts no responsibility for use of this material by any person or organization not associated with SHR. No part of this document may be reproduced in any form for publication without permission of SHR.

SAMPLE ONLY
Master Copy in
Printing Services

DATE	TIME	ORDERS AND SIGNATURE	PROCESSED				
ADULT SEVERE SEPSIS / SEPTIC SHOCK MANAGEMENT - Page 2 of 2			TIME	M A R	I C P	R E Q	R N

1. Give first dose of all antibiotics STAT.
2. See back of form to select weight-based tobramycin and vancomycin doses. Pharmacy consult to reassess dosing and levels.
3. Consult Infectious Diseases for IV moxifloxacin and vancomycin. GIVE FIRST DOSE, then call Infectious Diseases.
4. If risk factors for methacillin-resistant Staph aureus (MRSA) are present, add vancomycin to the regimen. Risk factors for MRSA are history of intravenous drug use, indwelling vascular catheter and First Nations ancestry.
5. All doses are based on a creatinine clearance of 75ml/min or greater. Reassess dosing if creatinine clearance is less than 75ml/min.

<p>Community Acquired Pneumonia (Choose ONE option)</p> <p><input type="checkbox"/> Cefotaxime 2g IV q8h <u>plus</u> Azithromycin 500mg IV q24h</p> <p><input type="checkbox"/> Moxifloxacin 400mg IV q24h</p>	<p>Necrotizing fasciitis (Choose ONE option)</p> <p><input type="checkbox"/> Cefotaxime 2g IV q6h <u>plus</u> Clindamycin 900mg IV q8h</p> <p><input type="checkbox"/> Clindamycin 900mg IV q8h <u>plus</u> Vancomycin _____mg IV loading dose, then _____mg IV q12h</p>
<p>Febrile Neutropenia (Choose ONE option)</p> <p><input type="checkbox"/> Piperacillin / Tazobactam 4.5g IV q8h <u>plus</u> Ciprofloxacin 400mg IV q12h</p> <p><input type="checkbox"/> Piperacillin / Tazobactam 4.5 g IV q8h <u>plus</u> Tobramycin _____mg IV Q24h</p> <p><input type="checkbox"/> Ciprofloxacin 400mg IV q12h <u>plus</u> Vancomycin _____mg loading dose, then _____mg IV q12h</p>	<p>Skin and Soft Tissue Infection in Diabetic (Choose ONE option)</p> <p><input type="checkbox"/> Cefotaxime 2g IV q8h <u>plus</u> Metronidazole 500mg IV q6h <u>plus</u> Vancomycin _____mg IV loading dose, then _____mg IV q12h</p> <p><input type="checkbox"/> Moxifloxacin 400mg IV q24h <u>plus</u> Metronidazole 500mg IV q6h <u>plus</u> Vancomycin _____mg IV loading dose, then _____mg IV q12h</p>
<p>Intra-abdominal Sepsis (Choose ONE option)</p> <p><input type="checkbox"/> Cefotaxime 2g IV q8h <u>plus</u> Metronidazole 500mg IV q6h</p> <p><input type="checkbox"/> Moxifloxacin 400mg IV q24h <u>plus</u> Metronidazole 500mg IV q6h</p>	<p>Skin and Soft Tissue Infection in Non-Diabetic (Choose ONE option)</p> <p><input type="checkbox"/> Cefotaxime 2g IV q8h <u>plus</u> Vancomycin _____mg IV loading dose, then _____mg IV q12h</p> <p><input type="checkbox"/> Moxifloxacin 400mg IV q24h <u>plus</u> Vancomycin _____mg IV loading dose, then _____mg IV q12h</p>
<p>Meningitis (Choose ONE option)</p> <p><input type="checkbox"/> Cefotaxime 2g IV q6h <u>plus</u> Vancomycin _____mg IV loading dose, then _____mg IV q8h</p> <p><input type="checkbox"/> Moxifloxacin 400mg IV q24h <u>plus</u> Vancomycin _____mg IV loading dose, then _____mg IV q8h <u>plus</u> Rifampin 600mg PO/NG q24h</p>	<p>Urosepsis (Choose ONE option)</p> <p><input type="checkbox"/> Cefotaxime 2g IV q8h <u>plus</u> Ciprofloxacin 400mg IV q12h</p> <p><input type="checkbox"/> Cefotaxime 2g IV q8h <u>plus</u> Tobramycin _____mg IV q24h</p> <p><input type="checkbox"/> Ciprofloxacin 400mg IV q12h <u>plus</u> Tobramycin _____mg IV q24h</p>

Physician Signature: _____

Antibiotic Dosing in Severe Sepsis / Septic Shock

Vancomycin Dosing for MENINGITIS (Males and Females)		
Actual body weight (kg)	Loading Dose 25mg/kg	Maintenance Dose 20mg/kg (q8h)
40-49	1125 mg	900 mg
50-59	1250 mg	1125 mg
60-69	1500 mg	1250 mg
70-79	1750 mg	1500 mg
80-89	2000 mg	1750 mg
90-99	2250 mg	2000 mg
100-109	2500 mg	2000 mg
110-119	2750 mg	2250 mg
120-129	3000 mg	2500 mg
130-139	3250 mg	2750 mg
140-149	3500 mg	3000 mg
150-159	3750 mg	3000 mg

Vancomycin Dosing for All Other Indications (Males and Females)		
Actual body weight (kg)	Loading Dose 25mg/kg	Maintenance Dose 15 mg/kg (q12h)
40-49	1125 mg	750 mg
50-59	1250 mg	850 mg
60-69	1500 mg	1000 mg
70-79	1750 mg	1125 mg
80-89	2000 mg	1250 mg
90-99	2250 mg	1500 mg
100-109	2500 mg	1500 mg
110-119	2750 mg	1750 mg
120-129	3000 mg	1750 mg
130-139	3250 mg	2000 mg
140-149	3500 mg	2250 mg
150-159	3750 mg	2250 mg

Tobramycin Once Daily Dosing in Females (7mg/kg dosing body weight)					
Actual body weight (kg)	Height				
	5' to 5'3" (152-160cm)	5'4" to 5'6" (161-168cm)	5'7" to 5'9" (169-175cm)	5'10" to 6'0" (176-183cm)	6'1" to 6'4" (184-193cm)
40-49	320 mg	320mg	320 mg	320 mg	320 mg
50-59	360 mg	380mg	380 mg	380 mg	380 mg
60-69	380 mg	420 mg	440 mg	460 mg	460 mg
70-79	420 mg	440 mg	480 mg	500 mg	520 mg
80-89	440 mg	480 mg	500 mg	540 mg	560 mg
90-99	480 mg	500 mg	540 mg	560 mg	600 mg
100-109	500 mg	540 mg	560 mg	600 mg	620 mg
110-119	520 mg	560 mg	580 mg	620 mg	660 mg
120-129	560 mg	580 mg	620 mg	640 mg	680 mg
130-139	580 mg	620 mg	640 mg	680 mg	700 mg
140-149	620 mg	640 mg	680 mg	700 mg	740 mg
150-159	640mg	680 mg	700 mg	720 mg	760 mg

Tobramycin Once Daily Dosing in Males (7mg/kg dosing body weight)					
Actual body weight (kg)	Height				
	5' to 5'3" (152-160cm)	5'4" to 5'6" (161-168cm)	5'7" to 5'9" (169-175cm)	5'10" to 6'0" (176-183cm)	6'1" to 6'4" (184-193cm)
40-49	320 mg	320 mg	320 mg	320 mg	320 mg
50-59	380 mg	380 mg	380 mg	380 mg	380 mg
60-69	420 mg	440 mg	460 mg	460 mg	460 mg
70-79	440 mg	460 mg	500 mg	520 mg	520 mg
80-89	460 mg	500 mg	520 mg	560 mg	580 mg
90-99	500 mg	520 mg	560 mg	580 mg	620 mg
100-109	520 mg	560 mg	580 mg	600 mg	640 mg
110-119	540 mg	580 mg	600 mg	640 mg	680 mg
120-129	580 mg	600 mg	640 mg	660 mg	700 mg
130-139	600 mg	640 mg	660 mg	700 mg	720 mg
140-149	640 mg	660 mg	700 mg	720 mg	760 mg
150-159	660 mg	700 mg	720 mg	740 mg	780 mg
160-169	680 mg	720 mg	740 mg	780 mg	800 mg