

MEDICAL CENTER

Protocol: Empiric Antibiotic Rotation for Sepsis

Category	Clinical Practice
Protocol Number	BC-A-08
Approval Date	August 1, 2016
Due for review	August 1, 2018

Applicable to

VUH Children's DOT VMG Off-site locations VMG VPH Other

Team Members Performing

All faculty & staff Faculty & staff providing direct patient care or contact MD House Staff APRN/PA RN LPN

Other:

Content Experts

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I. **Population:**

The following protocol applies to burn patients in the Burn ICU.

II. **Empiric Antibiotic Rotation for Sepsis:**

January to June	
Medication	Dosing
Vancomycin	Use Vancomycin dosing advisor for recommendations.
Zosyn (Piperacillin/Tazobactam)	CrCl > 20= 3.375mg q8hrs
	CrCl < 20= 3.375mg q12hrs
	Hemodialysis= 3.375mg q12hrs
	CRRT = 3.375mg q 8hrs

July to December	
Medication	Dosing
Vancomycin	Use Vancomycin dosing advisor for recommendations.
Cefepime	CrCl >60 = 2grams every 8 hours
	CrCl 30-60 = 2 grams every 12 hours
	CrCl 11-29 = 2 grams every 24 hours
	CrCl <11 = 1 gram every 24 hours

III. Empiric Antibiotic Rotation for Abdominal Sepsis:

January to June	
Medication	Dosing
Vancomycin	Use Vancomycin dosing advisor for recommendations.
Zosyn (Piperacillin/Tazobactam)	CrCl > 20= 3.375mg q8hrs
	CrCl < 20= 3.375mg q12hrs
	Hemodialysis= 3.375mg q12hrs
	CRRT = 3.375mg q 8hrs
Diflucan (Fluconazole)	CrCl >50 = 800mg x 1, then 400mg q24 hours
	CrCl <50 = 400mg x 1, then 200mg q 24hours
	HD = 400mg x 1, 200mg q48hrs(after HD)
	CRRT = 200mg q 24hours

July to December	
Medication	Dosing
Vancomycin	Use Vancomycin dosing advisor for recommendations.
Cefepime	CrCl >60 = 2grams every 8 hours
	CrCl 30-60 = 2 grams every 12 hours
	CrCl 11-29 = 2 grams every 24 hours
	CrCl <11 = 1 gram every 24 hours
Diflucan (Fluconazole)	CrCl >50 = 800mg x 1, then 400mg q24 hours
	CrCl <50 = 400mg x 1, then 200mg q 24hours
	HD = 400mg x 1, 200mg q48hrs(after HD)
	CRRT = 200mg q 24hours
Metronidazole	500mg every 6 hours (can use parenteral or enteral route)

IV. **Antifungal**

Diflucan (Fluconazole) will be considered the first choice empiric antifungal . Dosing options above in abdominal sepsis.

Antifungals other than fluconazole can be prescribed at the discretion of either the BICU Attending or Burn surgeon.