

Bon Secours Richmond Health System  
Pharmacy and Therapeutics Committees  
2/2002

The MEC has approved the following:

Auto-substitute ceftazidime for cefepime. The spectrums and cost are similar including cost in renal impaired patients.

Cefepime Ordered	Substitute Ceftazidime
0.5 gm q12h	0.5 gm q8h
1 gm q12h	1 gm q8h
2 gm q12h	2 gm q8h
2 gm q8h	2 gm q8h

Adult Dosage					
Cefepime Clcr (ml/min)	Cefepime Dosage	Cost per day	Ceftazidime Clcr (ml/min)	Ceftazidime Dosage	Cost per day
> 60	0.5-2 gm q8-12h	\$12.54-74.37	> 50	0.25 - 2 gm q8-12h	\$7.48-44.88
30 to 60	0.5-2 gm q12-24h	\$6.27-49.58	31 to 50	1 gm q8-12h	\$14.96-22.44
11 to 29	0.5-2 gm q24h	\$6.27-24.79	16 to 30	1-1.5 gm q24h	\$7.48-14.96
< 11	0.25-1 gm q24h	\$6.27-12.49	6 to 15	0.5-0.75 gm q24h	\$3.74-7.48
			<= 5	0.5-0.75 gm q48h	\$1.87-3.74
Hemodialysis	0.25-1 gm q24h after dialysis			0.5 gm q48h & 1 gm after dialysis on dialysis days	
Peritoneal dialysis	0.5-2 gm q48h			Loading dose 1 gm Maintenance dose 0.5 gm q24h	

Adult Dosage Normal Renal Function		
	Cefepime	Ceftazidime
Mild to Moderate uncomplicated or complicated UTI	0.5-1 gm q12h	0.5 gm q8-12h
Severe uncomplicated or complicated UTI	2 gm q12h	1 gm q8h
Moderate to Severe pneumonia	1-2 gm q12h	1-2 gm q8h
Moderate-Severe Skin & Skin Structure	2 gm q12h	1-2 gm q8h
Empiric Therapy for febrile neutropenia	2 gm q8h	2 gm q8h

Cefepime Ordered	Ceftazidime Substitute
0.5 gm q12h (\$12.54/day)	0.5 gm q8h (\$11.22)
1 gm q12h (\$25/day)	1 gm q8h (\$22.44)
2 gm q12h (\$49.59/day)	2 gm q8h(\$44.89)
2 gm q8h (\$74.38/day)	2 gm q8h (\$44.89)

File: cefepime