

Colistimethate Dosing for UTI or Septic Shock/UTI

Give Loading Dose only for patients with septic shock/UTI

Colistin Loading Dose Applies to All Patients based on Ideal Body Weight regardless of Cr CL	
Ideal Body Weight (kg)	Loading Dose (mg; colistin base activity) Infuse over 30 minutes
≤ 40 kg	200 mg
> 40 – 45 kg	225 mg
> 45 – 50 kg	250 mg
> 50 – 59.9 kg	275 mg
≥ 60 kg	300 mg

Colistin Maintenance Dose to be started 24 hours after Loading Dose based on Creatinine Clearance and Weight

Creatinine Clearance ≥ 80 mL/min (2.5 – 5 mg /kg/day)		
Ideal Body weight (kg)	Dose (mg; colistin base activity) infuse over 30 min	Dosing Frequency
40 to < 50	100 mg	Q12H
50 - 60	125 mg	Q12H
≥ 60	150 mg	Q12H

Creatinine Clearance 50 to < 80 mL/min (2.5 – 3.8 mg/kg/day)		
Ideal Body weight (kg)	Dose (mg; colistin base activity) infuse over 30 min	Dosing Frequency
40 to < 50	75 mg	Q12H
50 to < 60	100 mg	Q12H
60 to < 70	120 mg	Q12H
70 to < 80	130 mg	Q12H
≥ 80	150 mg	Q12H

Creatinine Clearance 30 to < 50 mL/min (2.5 mg/kg/day)		
Ideal Body weight (kg)	Dose (mg; colistin base activity) infuse over 30 min	Dosing Frequency
40 to < 50	60 mg	Q12H
50 to < 60	75 mg	Q12H
60 to < 70	90 mg	Q12H
70 to < 80	100 mg	Q12H
≥ 80	110 mg	Q12H

Creatinine Clearance < 30 mL/min (1 mg/kg/day)		
Ideal Body weight (kg)	Dose (mg; colistin base activity) infuse over 30 min	Dosing Frequency
40 to < 50	50 mg	Q24H
50 to < 60	60 mg	Q24H
60 to < 70	70 mg	Q24H
70 to < 80	80 mg	Q24H
≥ 80	90 mg	Q24H

Colistin Maintenance Dose for Patients receive Renal Replacement Therapy		
	Maintenance Dose (mg; colistin base activity) infuse over 30 minutes	Dosing Frequency
Intermittent Hemodialysis (On days that patient receives HD, give 2 nd dose after the HD session)	50 mg	Q12H
CVVHDF	150 mg	Q12H