

**TRIMETHOPRIM + SULFAMETHOXAZOLE:  
WEIGHT-BASED DOSING TABLES FOR IV AND ORAL THERAPY**

*\*Adapted from Sunnybrook Hospital*

	<b>Trimethoprim (TMP)</b>	<b>Sulfamethoxazole (SMX)</b>
<i>Suspension</i>	8 mg/ml	40 mg/ml
<i>Injectable</i>	16 mg/ml	80 mg/ml
<i>SS (single strength) tablet</i>	80 mg	400 mg
<i>DS (double strength) tablet</i>	160 mg	800 mg
2 SS tabs = 1 DS tab = 20mL oral suspension = 10mL IV		

Trimethoprim/sulfamethoxazole is dosed by trimethoprim (TMP) component.  
Common doses of oral TMP/SMX:

<b>Regimen</b>	<b>Total mg of TMP/day</b>
1 SS BID	160 mg
1 DS BID	320 mg
1 DS TID	480 mg
1 DS QID	640 mg
2 DS BID	640 mg
2 DS TID	960 mg
2 DS QID	1280 mg
3 DS TID	1440 mg

**If intravenous cotrimoxazole is required:**

**10 mg/kg TMP per Day**

<b>Weight (kg)</b>	<b>IV Dose</b>	<b>Total TMP Dose (mg/day)</b>
40-49	10 mL Q8H	480
50-64	10 mL Q6H	640
65-74	15 mL Q8H	720
75-99	15 mL Q6H	960
100-129	20 mL Q6H	1280



## 15 mg/kg TMP per Day

Weight (kg)	IV Dose	Total TMP Dose (mg/day)
40-44	10 mL Q6H	640
45-49	15 mL Q8H	720
50-69	15 mL Q6H	960
70-79	25 mL Q8H	1200
80-89	20 mL Q6H	1280
90-99	30 mL Q8H	1440
100-109	25 mL Q6H	1600
110-119	35 mL Q8H	1680
120-129	30 mL Q6H	1920

## 20 mg/kg TMP per Day

Weight (kg)	IV Dose	Total TMP Dose (mg/day)
40-54	15 mL Q6H	960
55-69	20 mL Q6H	1280
70-79	30 mL Q8H	1440
80-89	25 mL Q6H	1600
90-104	30 mL Q6H	1920
105-119	35 mL Q6H	2240
120-134	40 mL Q6H	2560

Creatinine Clearance	Suggested Dosing Guidelines
> 30mL/min	Bacterial infections: 8-12mg/kg/day of TMP in 2 – 4 divided doses PJP: 15-20mg/kg/day of TMP in 2 – 4 divided doses
10 – 30 mL/min	Bacterial infections: 75% of usual dose (6 – 9 mg/kg/day of TMP in 2 – 4 divided doses) PJP: 12-15mg/kg/day of TMP in 2 – 4 divided doses
< 10 mL/min (including PD)	Generally not recommended If required: use 50% of usual doses Bacterial infections: 5mg/kg/day in 2 – 4 divided doses PJP: 7.5-10mg/kg/day of TMP in 2-4 divided doses
Hemodialysis	50% of usual dose – schedule doses post-dialysis
Continuous Renal Replacement Therapy (CRRT)	Bacterial infections: 7.5mg/kg/day of TMP in 2-4 divided doses PJP/Stenorophomonas: 15mg/kg/day of TMP in 2-4 divided doses