

Rapid Oral Trimethoprim/Sulfamethoxazole (TMP/SMX) Desensitization:

Hour	Dose TMP/SMX (mg)	Dose
0	0.004/0.02 per ml	#1
1	0.04/0.2 per ml	#2
2	0.4/2 per ml	#3
3	4/20 per ml	#4
4	40/200 per 5ml	Stock Solution
5	160/800	Double Strength Tablet

* Take 6oz of water with each dose

Instruction for dilution:

- 1) Use stock solution TMP 40mg / SMX 200mg per 5ml, label this "Solution A"
- 2) Take 0.5ml from "Solution A" (amount = TMP 4mg / SMX 20mg), add 0.5ml of sterile water, final concentration = TMP 4mg / SMX 20mg / ml, label this Dose #4.
- 3) Take 1ml from "Solution A" (amount = TMP 8mg / SMX 40mg), add 9ml of sterile water, final concentration = TMP 0.8mg / SMX 4mg /ml, label this "Solution B". Take 0.5ml from "Solution B", and add 0.5ml of sterile water, final concentration = TMP 0.4mg/ SMX 2mg / ml, label this Dose #3.
- 4) Take 1ml from "Solution B" (amount = TMP 0.8mg / SMX 4mg), add 9ml of sterile water, final concentration = TMP 0.08mg / SMX 0.4 mg /ml, label this "Solution C". Take 0.5ml from "Solution C", and add 0.5ml of sterile water, final concentration = TMP 0.04mg / SMX 0.2mg /ml, label this Dose #2.
- 5) Take 1ml from "Solution C" (amount = TMP 0.08mg / SMX 0.4mg), add 9ml of sterile water, final concentration = TMP 0.008mg / SMX 0.04mg, label this "Solution D". Take 0.5ml from "Solution D", and add 0.5ml of sterile water, final concentration = TMP 0.004mg/ SMX 0.02mg / ml, label this Dose #1.

Reference: CID 1995;20:849