

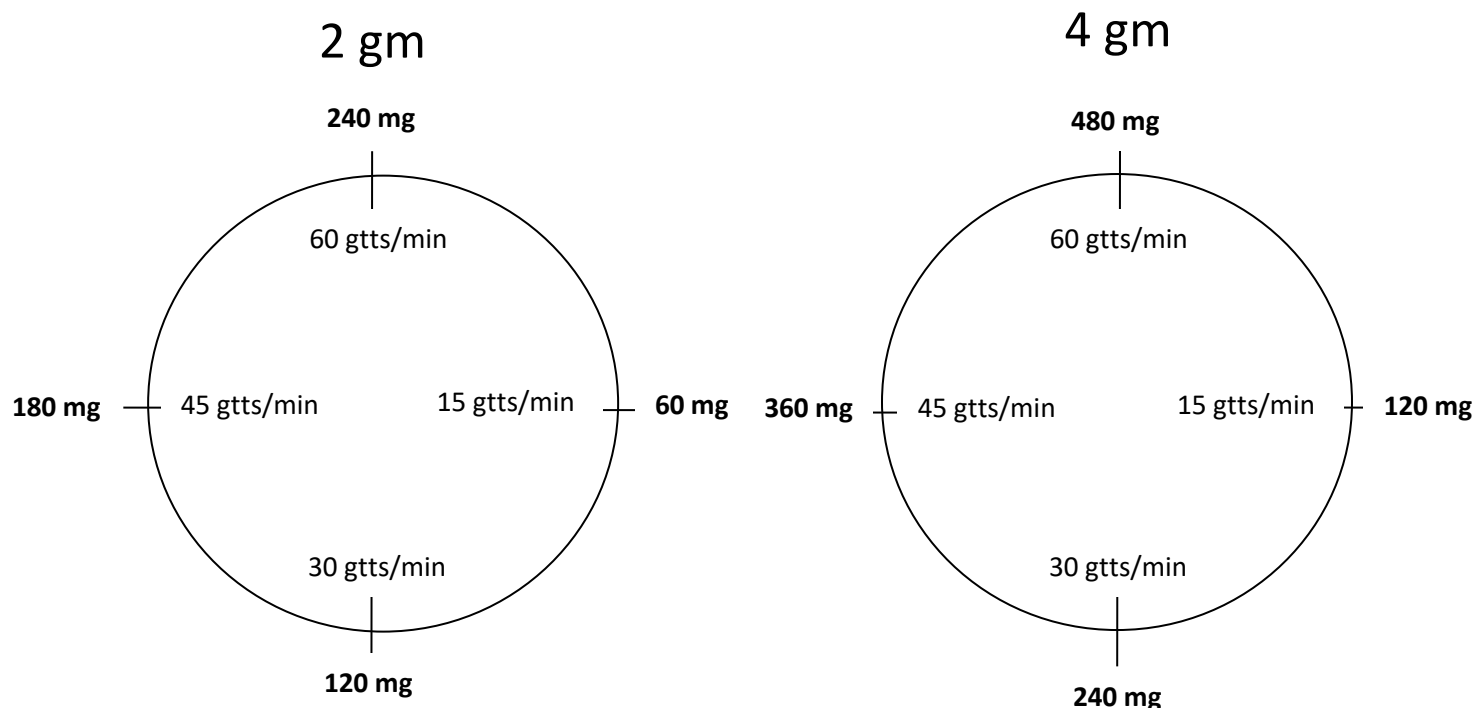
Supplies needed:

10 drop/mL infusion set (macro set)

One vial of Magnesium Sulfate (following protocols draw 2 or 4 grams from vial with 5 grams)
 50 mL bag of NS

1) Mix 2 gm total in 50 mL bag of NS
 Yields concentration of 40 mg/mL

Mix 4 gm total in 50 mL bag of NS
 Yields concentration of 80 mg/mL



2) Set flow rate at **1 drop/sec.** to administer the desired dose of drug administration over desired timeframe.

Helpful hints:

60 drops/minute = 1 drop/second
 Macro set @ 1 drop/sec. = 6 mL/minute
 Yields a concentration of 40 mg/mL
 $40 \text{ mg/mL} \times 6 \text{ mL/min} = 240 \text{ mg/min}$
 Will deliver 2 gm in 8-9 minutes

60 drops/minute = 1 drop/second
 Macro set @ 1 drop/sec. = 6 mL/minute
 Yields a concentration of 80 mg/mL
 $80 \text{ mg/mL} \times 6 \text{ mL/min} = 480 \text{ mg/min}$
 Will deliver 4 gm in 8-9 minutes