

# Levophed (norepinephrine)

8 mg/ 500 ml

(16 mcg/ml)

Dose given in mcg/min

Figure the drip calculation at 1 mcg/min. to start then you can multiply than number by whatever the dose rate is

Formula:

Want	X	Tubing size
<hr/>		
	Have	

1 mcg/ min X 20 gtt/ ml

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16 mcg/ 1 ml

.06 min X 20 gtt = 1.25 gtt/min

To Convert gtt/min to ml / hr:

1.25 gtt/min X 60 min/hr

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Tubing Size (20 gtt/ml)

75 gtt/hr

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20 gtt/ml

3.75 ml/hr

# Propofol

1 g/ 100 ml

(10 mg/ml)

Dose given in mcg/kg/min

Figure the drip calculation for 10 mcg/kg/min. Patient weighs 80 kg.

Formula:

Want	X	Tubing size
	Have	

10 mcg/kg/min X 20 gtt/ml

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10 mg/ml

800 mcg/min X 20 gtt/ml

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10,000 mcg/ml

0.08 min X 20 gtt = 1.6 gtt/min

To convert the gtt/min to ml/ hr

1.6 gtt/min X 60 min/hr

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Tubing size ( 20 gtt/ml)

96 gtt/hr

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20 gtt/ml

4.8 ml/ hr

**Insulin**  
**100 U/ 100 ml**  
**(1 U/ 1 ml)**

Insulin is dosed in units per hour. This is a 1:1 concentration so 1 unit per hour is equal to 1 ml per hour.

Figure the gtt/min for a patient receiving 5 U/ hr

**Formula:**

**Want X tubing size**

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**Time of infusion**

**5 ml/hr X 20 gtt/ml**

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**60 min/ hr**

**100 gtt**

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**60 min**

**1.6 gtt/min**

**To convert to ml/ hr:**

**1.6 gtt/min X 60 min/hr**

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**20gtt/ml**

**96gtt/hr**

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**20 gtt/ml**

**4.8 ml/hr**