



# Pitocin (Oxytocin)

## Dosage Calculations

by Nurse Sarah



**Practice Problem 1:** A patient was started on Pitocin (Oxytocin) and is currently receiving 6 mU/min. The Pitocin is supplied in an IV bag that reads 10 units of Pitocin in 1000 mL of Lactated Ringer's solution. How many **mL/hr** should this patient be receiving?

Workbox:

✓ **ANSWER:** \_\_\_\_\_

**Practice Problem 2:** The patient is receiving an infusion of Pitocin (Oxytocin) at a rate of 12 mL/hr. The Pitocin is supplied in an IV bag that reads 20 units of Pitocin in 1000 mL of Lactated Ringer's solution. How many **mU/min** is the patient receiving?

Workbox:

✓ **ANSWER:** \_\_\_\_\_

**Practice Problem 3:** Your patient was started on a Pitocin infusion at a rate of 2 mU/min. The Pitocin is provided in an IV bag that contains 30 units in 500 mL of normal saline. The healthcare provider has ordered that the infusion be titrated by 2 mU/min every 30 minutes, with a maximum rate of 10 mU/min, depending on the contraction pattern and fetal monitoring parameters. The patient and fetus are tolerating the medication well, with no issues noted. You have now increased the Pitocin infusion rate to 4 mU/min. How many **mL/hr** is the patient currently receiving?

Workbox:

**ANSWER:** \_\_\_\_\_



### Metric Table

1 g = 1000 mg	1 L = 1000 mL
1 mg = 1000 mcg	1 tsp = 5 mL
1 kg = 1000 g	1 Tbsp = 15 mL
1 kg = 2.2 lbs	1 Tbsp = 3 tsp
1 oz = 30 mL	1 oz = 2 Tbsp

1 unit = 1000 mU



This worksheet corresponds with the video titled "Pitocin (Oxytocin) Nursing Dosage Calculations" on YouTube Channel RegisteredNurseRN.



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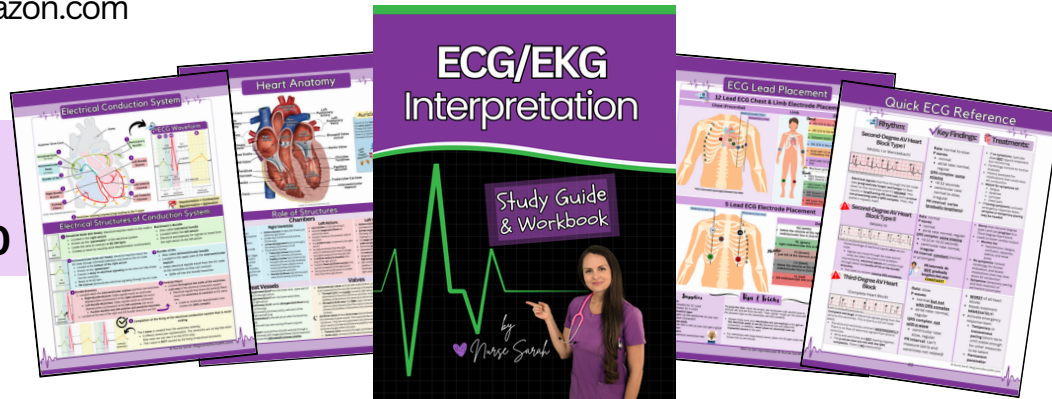
Answers:  
Problem 1: 36 mL/hr  
Problem 2: 4 mU/min  
Problem 3: 4 mL/hr

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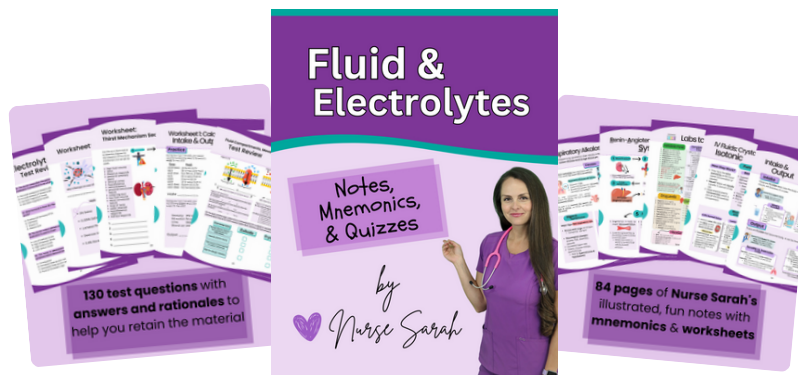


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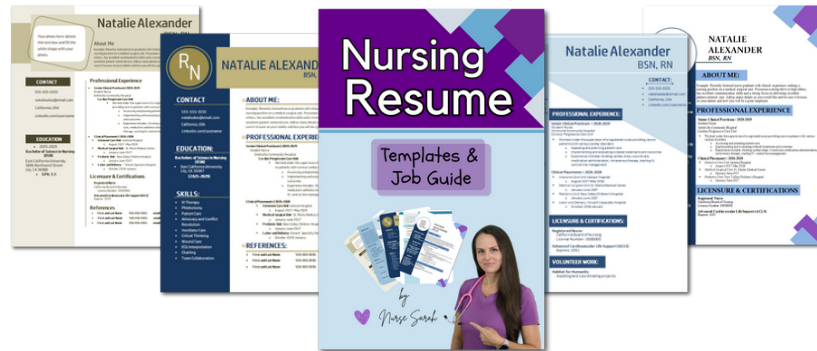
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