

## NR 565 Week 2 Assignment: RX Writing Assignment

(Practice Only)

### Week 2-Practice (Antibiotic suspension)

Tameka Johnson (DOB 6/1/2017) has been diagnosed with bilateral otitis media. She has not taken antibiotics in the past month, and has no known drug allergies. You decide to prescribe the first-line recommended therapy which is high dose amoxicillin at 80-90mg/kg/day divided into 2 doses for 10 days. She is a toddler and cannot yet swallow pills, so you will be giving her a liquid form. She weighs 22 lbs. and has NKDA. Her address is 7490 Highland Oak Drive, Dayton, OH 45066. Your NP license number is 05312. Your NPI number is 17613325.

Is this the correct format for writing the correct prescription?

Provider Name: Iris Can  
Superhero Family Practice, INC  
1234 Kryptonite Way  
Superhero City, Superhero State 12301  
(800) 123-4567

Patient Name: Tameka Johnson Date:                       
Address: 7490 Highland Oak Drive Dayton, OH 45066 DOB:                       
License: 17613325 NPI: 05312 DEA ( *Controlled Substances Only*):                     

Amoxicillin 200mg/5ml suspension  
Sig: take 20ml by mouth twice daily for 10 days  
Dispense 400 ml 0 refills

### **Analysis**

The given dose i believe is wrong as the supply is at 200mg/5mL and you need to give 80-90mg/kg or 800-900mg/day of amoxicillin 2x a day.

800-900mg would be 20mL - 22.5mL of amoxicillin in 2 divided doses, that would be 10mL-11.25 mL  
Therefore sig would be 10mL by mouth 2x a day for 10 days  
Actual dose would be 80mg/kg/Day

Do not forget to put the weight of the patient in the prescription, here it is 22lbs/10kg

For the dispense you need 20mL perday for 10 days so dispense only 200mL

If you give 20mL 2x a day that would overdose the patient because in the morning you give 20mL and in the afternoon you give another 20mL. It should be 20mL in total for the day.