Prescription Writing

Hello professor and class. My name is Bola Kwentua. I have been an RN since 2010 and currently work in home health. I have worked in IMCU and Med Surg for many years. I have been married for 17years and have 3 boys ages 13,9 and 8 years old. I love spending time with my family and involvement in church activities. I chose to be a Nurse practitioner because I like taking care of people and with a degree as an NP, it takes the care to a more advanced level. More so, I chose to be a Nurse practitioner for career advancement. The ability to prescribe medication is a responsibility not to be taken for al granted as I must be well versed about the class of medication, the right dosage, and what it is intended to treat. I must know its side effects and make sure it doesn't interact with the other meds the patient is currently taking. Prescribing medication is a responsibility that must be made with a sound mind, critical thinking, evidence-based information, and utilizing the resources from reliable sources such as the FDA and CDC.

Question:

Week 2-Practice (Antibiotic suspension) Prescription writing

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.

Answer

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

The actual dose would be 80mg/kg/day