

Week Two:

Describe your assigned client's situation. Why are they presenting to the clinic? What medications are they currently taking?

- Kwame is a nine year old male that has complaints of productive cough with green mucus, fever, chills, and fatigue for multiple days, The patient has crackles in the lower lungs and chest x-ray showing consolidation in the right lower lobe. Lastly, the patient had taken a covid and flu test and both were negative, physician to believe he has bacterial pneumonia. Patient is not currently taking any medications.

Assess the applicable clinical practice guideline (CPG) for your assigned client. What treatment is recommended by the CPG for your client's situation?

- The recommended treatment for patient's 3 months or older, the drug of choice is high dose amoxicillin or other beta-lactam antibiotics (Toscano et al., 2022).

Discuss your personal professional assessment of the client's situation provided in the scenario. What pharmacological treatment is necessary and why?

- The patient would receive high dose amoxicillin for the pneumonia and if this did not work then they would try other beta-lactam antibiotics (Toscano et al., 2022). I would assess the patient's respiratory status and ensure the patient is not having any episodes of shortness of breath. In addition, I would assess how significant his fatigue is and if it is effecting everyday activities. Next, I would assess the patient's eating habits during this time to ensure they are not dehydrated, as well. Lastly, I would explain to the parents to rotate Tylenol and ibuprofen as needed for the child's fever.

Reflect on additional questions you have about your assigned client that may influence treatment. What else do you need to know? What follow-up assessments, labs, or conversations are required to ensure optimal health outcomes?

- I would get a follow up chest x-ray if the child is not improving to ensure that the infection is not worsening (Toscano et al., 2022). I