

Week 1 Initial Discussion

Scenario: *A 27-year-old patient with a history of substance abuse is found unresponsive by emergency medical services (EMS) after being called by the patient's roommate. The roommate states that he does not know how long the patient had been lying there. Patient received naloxone in the field and has become responsive. He complains of burning pain over his left hip and forearm. Evaluation in the ED revealed a large amount of necrotic tissue over the greater trochanter as well as the forearm. EKG demonstrated prolonged PR interval and peaked T waves. Serum potassium level 6.9 mEq/L.*

The discussion questions are inside the week 1 area for you to develop your post.

Post an explanation of the disease highlighted in the scenario you were provided. Include the following in your explanation:

- *The role genetics plays in the disease.*
- *Why the patient is presenting with the specific symptoms described.*
- *The physiologic response to the stimulus presented in the scenario and why you think this response occurred.*
- *The cells that are involved in this process.*
- *How another characteristic (e.g., gender, genetics) would change your response.*

The patient was found unresponsive by his roommate after an unknown amount of down-time due to opiate overdose which was treated with naloxone in the field. The naloxone, an