

○ A 60ish year old man with poorly controlled diabetes and hypertension was brought to the ER unresponsive. On examination his eyes were open and he could blink on command, he had no verbal response and some extensor posturing to painful stimuli. He was afebrile, _____?, HR 93 BP 190/90?

1. Describe the state of consciousness in this patient, and what can it mimic? (2 points)
2. Mention 2 causes for this presentation (4 points)
3. Mention 4 physical exam findings
4. Mention 4 imaging studies used to evaluate this patient (4 points)
5. The artery most likely involved: (1 point)

○ A 16 yo male presented with abnormal writhing and twisting movements of the arms face jaw,... that lead to abnormal posture. He was previously medically free and has no family history, labs: he had high AST that has not yet been investigated.

1. Describe the movement (1 point)
2. Mention 3 conditions/causes for this presentation (3 points)
3. What are 3 features unique to this movement (3 points)
4. Which is the most likely diagnosis for this patient (1 point)
5. Mention 5 clinical findings in this most likely diagnosis (5 points)
6. Explain the pathophysiology of this condition (2 points)