

### Case 1:

67 year old male presents with a 2 month history of lack of interest in daily activities. His wife notes that lately he had been having trouble getting out of bed, less interactive and “slower” than his usual self. Two weeks prior to his presentation he started developing right foot dragging and weakness that progressed to involve the entire right half of his body including arm and leg and some subtle right facial drooping as well.

His exam was remarkable for an apathetic demeanor, paraphasic errors, inability to repeat words or “no ands, ifs or buts”, right facial droop and 3/5 right upper and right lower extremity weakness.

### Questions/discussion:

1-Localize the lesion

2-Discuss differential diagnosis

3-What is the next step in this patient's management

### Case 2:

25 year old female patient presents with a 2-3 week history of episodes of “déjà vu” lasting 1-2 minutes at a time. The episodes are also associated with subtle disorientation. Also, while on a treadmill at the gym, she noted transient trouble with her left foot. She did not feel that her foot was weak but rather had trouble synchronizing her foot movement with that of the treadmill. This episode lasted for several minutes and recurred at least twice in the last week which prompted her to seek medical attention.

### Questions/discussion:

1-Localize the lesion

2-Discuss differential diagnosis

3-What is the next step in this patient's management