Movement Disorder Emergencies Neurology Recall Journal Club

Below are some questions and topics you might want to discuss at your journal club, after you have listened to the October 2, 2020 Neurology Recall on Movement Disorder Emergencies

1. Discuss the triggers of sudden-onset neurological syndromes of rigidity, altered mentation and fever, such as malignant neuroleptic syndrome (NMS) and serotonin syndrome.
2. What are the most common medications associated with NMS and serotonin syndrome?
3. Discuss the similarities and differences between NMS and serotonin syndrome. Please focus on clinical findings and patient history, including medication history.
4. Does anyone have a favorite reference listing offending drugs associated with NMS and serotonin syndrome?
5. Discuss the role of the neurologist for management of these patients. Review some treatment options of NMS and serotonin syndrome, which may include stopping the offending agent, as well as supportive care, often in a critical care unit.
6. Is anyone willing to discuss a case of any of these rapid-onset syndromes associated of rigidity and altered mentation?
7. Discuss why CSF analysis, imaging, routine blood labs, CK and toxicology are some of the laboratory studies that you would consider in a patient with rigidity associated with delirium/encephalopathy and fever. While doing so, review a brief differential diagnosis.
8. Briefly review Parkinsonism-hyperpyrexia, including which medication changes can precipitate this rare variant or “cousin” of NMS.
9. Switching gears, discuss how does chorea looks different than tremor or ballism. Please review a short, manageable differential for acute-onset chorea, such as stroke.
10. Discuss a short, manageable differential of acute-onset ballism.
11. Is anyone willing to discuss a case of case of acute-onset ballism or chorea?
12. Discuss the commonly used treatments for chorea or ballism.
13. Is anyone willing to discuss a case of acute dystonic reaction?
14. Discuss treatment options for acute dystonic reactions.
15. Can anyone describe what dystonic storm looks like and also discuss what causes it?
16. Discuss if your program has a favored reference for treatment options for acute-onset chorea, ballism and dystonia?