**12. WEEK: NEURORADIOLOGY II**

1. What are different types of stroke?
2. Stroke diagnostic algorithm
3. What are the signs of an ischemic stroke on a CT scan?
4. What are the signs of a hemorrhagic stroke on a CT scan?
5. What radiological procedure allows us to evaluate the circle of Willis?
6. What is the significance of the early stroke detection on CT?
7. In which ways can occlusion of brain arteries occur?
8. What are some of the early stroke signs on CT?
9. Does the attenuation of an ischemic lesion increase or decrease over time?
10. Does the attenuation of an hemorrhagic lesion increase or decrease over time?
11. Definition and CT appearance of hemorrhagic transformation
12. Diagnostic modalities used for diagnosing intracranial aneurysms.
13. What is the most important complication of intracranial aneurysms?
14. CT appearance of intracranial aneurysms.
15. What are some of the important sequences used in brain MRI?
16. CT perfusion, principles and indications
17. Multiple sclerosis - diagnostic modality of choice and its appearance
18. What is ADEM and how is it diagnosed?
19. What is the initial method for diagnosing spinal injuries?
20. Does CT have sufficient sensitivity for bone lesions of the spine?
21. What is the diagnostic golden standard for evaluating intervertebral disc disease?
22. What is the best diagnostic method for visualizing spinal cord injuries?
23. Define “mass effect” in brain imaging
24. Define “midline shift” in brain imaging