

Week 17 Q

Headache Headache

Primary headaches

Secondary headaches

Subarachnoid haemorrhage Investigation of suspected subarachnoid haemorrhage

Management of aneurysmal subarachnoid haemorrhage

Meningitis

Encephalitis

Lumbar puncture Intracranial hypotension Migraine

Idiopathic intracranial hypertension Hydrocephalus

Cerebral venous sinus thrombosis

1. What is the definition of primary and secondary headache?

2. What is Horton Disease?

3. What are the causes of SAH?

4. Where is the most common site for berry aneurysm?

5. What are the potential differences between Traumatic and nontraumatic SAH on CT?

6. What are the risk factors for aneurysm formation?

7. What is the cause of transient loss of consciousness in a patient with SAH?

9. What is Ottawa SAH Rules?

10. What are the differential diagnosis of Thunderclap Headache?

11. What is HUNT and HESS Classification?

12. What are the complications of SAH?

13. What are the pros and cons of the Noncontrast CT scan within 6 hours in diagnosis of SAH?

14. What are the pros and cons of doing CT angiography for diagnosis of SAH?

15. What is Xanthochromia?

16. What are the potential circumstances that LP can be done without CT in suspected SAH?

17. How do you differentiate traumatic tap from SAH?

18. What are the potential ECG changes with SAH?

19. What are the most important factors for acute prognosis of SAH?

20. What are the indications for intubation in a patient with SAH?

21. What is vasospasm after SAH and what is the treatment?

22. What is the risk of ruptured intracranial aneurysm?

23. What are the most common bacterial causes of meningitis in Aus?

24. List some of the viral causes of meningitis?

23. What is Kernig's and Brudzinski's sign?

24. List the potential candidates for LP without prior CT for investigation of meningitis?

25. What are the CT features of elevated ICP?

26. What are the pathology tests required on LP of suspected meningitis?

27. Complete the following table?

CSF findings in meningitis				
	Bacterial	Partly treated	Viral	TB
Cells				
Gram's stain				
Glucose				
Protein				
Culture				
Bacterial antigen				

28. What is the empiric antibiotic choice in a patient with suspected meningitis :

Patients > 3 months old

•if Listeria suspected or immunocompromised:

•When to add vancomycin ?

Patients < 3 months old:

29. What is the role of steroid in treatment of patients suspected of meningitis?

Children

Adults

30. List the diagnostic criteria for likely encephalitis?

31. What are the indications for LP?

32. What are the contraindications for LP?

33. What are the anatomical layers transverse by LP?

34. At what level does spinal cord end?

35. What is the normal CSF pressure in adults?

36. What are the causes of increase CSF pressure?

37. What is the normal CSF Glucose? And what are the causes of increase or decrease?

38. What are the complications of LP?

39. List the treatment options for Migraine headache supported by ACEM?

40. What is the typical patient suffering from idiopathic intracranial hypertension?

41. What are the causes of secondary intracranial hypertension?

42. What are the typical findings on history and examination and investigation of a patient with idiopathic intracranial hypertension?

43. Foramen of Monroe and Magendi are the connection between which ventricles of the brain?

44. What are the different types of Hydrocephalus and list a few examples for each?

45. What are the symptoms and signs of hydrocephalus in adults and children?

46. What are the causes of cerebral venous thrombosis?

47. What are the predisposing factors for cavernous sinus thrombosis?

48. What are the clinical features of cavernous sinus thrombosis?

