

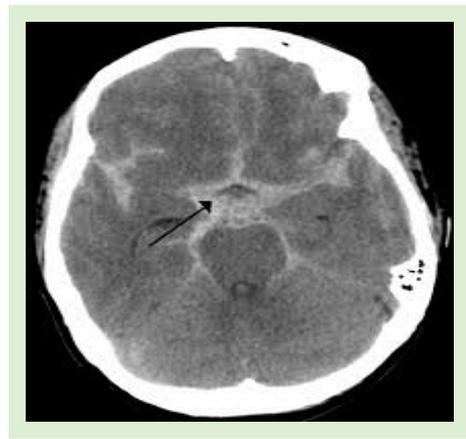
Neurosurgery

31/7/2025



Question number one

Subarchanoid haemorrhage



1A) 50 year old female presented to the emergency department with sudden onset of severe headache associated with repeated vomiting, her level of consciousness was 14/15 according to GCS, she had a significant neck stiffness.

which of the following steps is wrong, Select one:

- a. Urgent CT-scan of the brain
- b. Endotracheal intubation and hyperventilation**
- c. Lumbar puncture if the CT-scan revealed no abnormal findings
- d. Ophthalmological examination may be normal
- e. Admission to an intensive care unit for observatio

1B) Factor that favor clipping over coiling ?

- 1) younger age**
- 2) multiple co-morbidities
- 3) posterior circulation
- 4) narrow neck

1C) What is the percentage of people whose die before reaching hospital ?

- 1) 15%**
- 2) 20%
- 3) 50%
- 4) 30%

1D) What is the grade according to hunt and hess classification ?

- 1) 1
- 2) 2**
- 3) 3

Question number two:

Congenital Anomalies of the brain

2A) What is name of the anomaly ?

- 1) scaphocephaly
- 2) brachiocephaly
- 3) trigonocephaly

2B) Most common caraniocynostosis in male ?

- 1) scaphocephaly
- 2) trigonocephaly
- 3) brachiocephaly

2C) Most common chairi malformations associated with mylomeningocele ?

- 1) type 1
- 2) type 2
- 3) type 3

2D) What is the management?

- 1) strip craniotomy
- 2) observation
- 3) evacuation



Question number Three:

Spinal tumour

3A) All of the following are true about ependymoma except ?

- 1) arise from ependymal cell of central cord and ventricle
- 2) Tumor exclusive on spinal cord
- 3) rarely affect children

3B) Most common presenting symptoms?

- 1) headache
- 2) pain
- 3) vomiting

3c) What is primary management ?

- 1) surgical resection
- 2) radiotherapy
- 3) chemotherapy

3D) Spinal ependymoma associated with which syndrome ?

- 1) NF2
- 2) Turcot syndrome
- 3) Horner syndrome



Question number four:

Brain tumour

4A) Which factor favors to be abscess rather than tumor ?

- 1) age
- 2) renal dialysis
- 3) radiation
- 4) family history

4B) Which of the following give irregular ring enhancement on CT ?

- 1) mets
- 2) glioblastoma
- 3) abscess

4C) Most common presenting symptoms in patients with glioblastoma ?

- 1) headache
- 2) seizure
- 3) hemiparesis
- 4) all of the following

4E) All symptoms occur in meningioma except?

- 1) hormonal disturbances
- 2) headache
- 3) sleep disorder
- 4) anosmia

Question number five:

Head trauma

5A) According to these pictures, all of the following are true except?

- 1) cross suture
- 2) doesn't cross suture
- 3) crescent shape



5B) What is the line of management?

- 1) evacuation
- 2) observation
- 3) strip craniotomy

5C) Typical appearance of acute extradural hematoma on non-contrasted CT-scan of the head is? Select one:

- a. Hypodense appearance
- b. crescentic shape
- c. Hyperdense appearance
- e. Isodense appearance

5D) Open eye to painful stimulus, display flexion to pain, incomprehensible sound, the GCS ?

- 1) 7
- 2) 8
- 3) 6
- 4) need intubation