

CODE: N4

Question: Neuroanesthesia

Type: Emergent

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Opening Scenario:

Call to neuro intensive care unit

45 y/o woman 2 days post-craniotomy for big meningioma resection. Initially doing well, but now with ↓ LOC and localizing Sx's. To go to CT scan and possibly to OR after.

Major points of additional information to be provided to the candidate, e.g., hx, px, labs, x-ray, consults:

- Breathing spontaneously; looks like easy A/W
- Responds only to pain
- Bradycardia, hypertensive HR 45, BP 190/105
- Otherwise previously healthy
- Uncomplicated anaesthetic for craniotomy - previously easy intubation
- Had breakfast recently before sudden deterioration

Major decision points (major decision points or options which must be recognized by the candidate)

Need to secure A/W in view of high ICP and full stomach
Recognize need to maintain BP to maintain CPP

Any followup information required to lead to the end of the question

Role of vasoactive drugs, hyperventilation, mannitol

Critical features to be included i.e. the *must* have to pass the question or to be considered *completely unacceptable*

Safe management of patient with high ICP and full stomach.

Ref: RCEXAMAT EXAMS October, 95

Used: 94/06

Last revision: 95/10