

case 1:- head ache

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1- list medical condition would you think of this stage?
list relevant area to be covered on history?

- * meningitis
- * sub arachnoid hemorrhage
- * brain abscess
epidural abscess
- * head injury
- * sinusitis
- * low pressure headache
- * high blood pressure
- * acute glaucoma

① ask about severity dose effect daily activity
or sleep of patient or dose patient ~~take~~ take
analgesia dose the pain completely or partially relieved
by analgesia

② ask about history of head trauma

③ constitutional symptom

weight loss, night sweats / fever

④ associated factor neck stiffness

photophobia / purpuric rash

⑤ site

⑥ character

⑦ onset

2) What are the key things to look for in the clinical examination?

CNS symptoms

- * Some patient will have significant photophobia and/or clouding of the sensorium
- * change in mentation and level of consciousness

Kernig's Sign

Sever stiffness of the hamstring causes inability to straighten leg

Brudzinkski's sign

Sever neck stiffness causes a patient hip and knee flexed when neck flexed

Skin manifestation

petechial & palpable purpura

3) What is the likely diagnosis?

Bacterial Meningitis

4) How do you manage this patient?

* Third generation cephalosporin such as cefotaxime or ceftriaxone

* Vancomycin is ~~added~~ added in regime in case of resistance

* Dexamethasone

* Dehydration and shock can be treated with fluid therapy

* phenytoin for seizure management

5) Complication ?

* sensory-neural hearing loss

* Epilepsy / seizures

* Memory loss

* paralysis

* learning difficulty

* Behaviour difficulty

* Decreased intelligence

* septicemia

& Death