

Headache

A 25 - year - old female student brought by family to emergency department with a one-day history of severe headache, fever and drowsiness.

- **List medical conditions would you think of at this stage?**
List relevant area to be covered on the history?

Further history from her and her family reveals that the headache was of gradual onset, and associated with nausea, vomiting and photophobia. She has a history of migraine headaches but this 'feels different'. she has history of recurrent right ear problem

- **What are the key things to look for in the clinical examination?**

On examination the patient appeared drowsy (GCS 10: eyes open to pain, localizes pain, confused speech) with no rash. She had a temperature of 40 ° C, pulse 125 beats/min and BP 90/50 mmHg. The pharynx, chest, cardiovascular system (CVS) and abdomen were normal. The neck was stiff and there were no focal neurological signs. Fundi were normal. There was tenderness over the right mastoid sinus.

- **What is the likely diagnosis?**
- **How would you manage the patient?**
- **List possible complications?**