

SYNCHRONOUS ACTIVITY

DISCUSSION ON BRAIN TUMORS AND INCREASED
INTRACRANIAL PRESSURE IN CHILDREN

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Clinical Abstract

- ◆ 8 year old girl
- ◆ Chief Complaint: headache
- ◆ History of Present Illness:
 - ◆ November 2015 – 3 months PTA – intermittent headache brought to optometrist and given prescription lenses
 - ◆ December 2015 – 2 months PTA noted head tilt to the R
 - ◆ January 2016 – 1 month PTA difficulty in walking
 - ◆ February 2016 – 2 days PTA - vomiting

Are there any additional questions from the history that you would like to ask?

Physical Examination

- ◆ Wt: 24 kg Length: 124cm
- ◆ BP: 130/90 HR: 110/min RR: 16/min T: 36C
- ◆ Head: normocephalic
- ◆ Chest: no retraction, clear breath sounds
- ◆ Heart: regular rhythm, no murmur
- ◆ Abdomen: no organomegaly
- ◆ Extremities: full pulses

Neurologic Examination

- ◆ Mental Status: Drowsy, does not open eyes to name calling, opens eyes and moans briefly to pain , withdraws extremity to pain
- ◆ Cranial nerves:
 - ◆ Vision: cannot be assessed, grade 2 papilledema
 - ◆ Isocoric reactive pupils
 - ◆ Limited eye movement on doll's eye maneuver
 - ◆ + corneal reflex bilaterally
 - ◆ No facial asymmetry
 - ◆ Gag reflex – deferred evaluation

Neurologic Examination

- ◆ Sensory/Motor: withdraws both limbs to pain
- ◆ Cerebellars: cannot be assessed
- ◆ Supple neck
- ◆ DTRs: increased at the knee joints
- ◆ Babinski: bilateral upgoing toes, bilateral clonus

What are the diagnostic examinations you will request for to manage this case

**Imaging study will be presented
during the synchronous session**