Clinical Pathological Case ACOEP 2012

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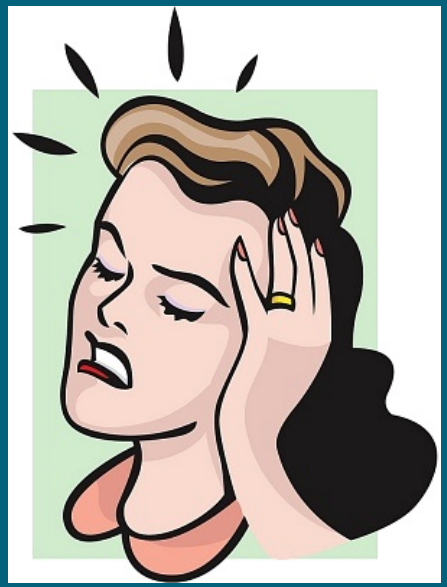
History

- 15 year old African female with CC of Headache.



Onset: 2 weeks ago

Location: Frontal

Character: Sharp & Throbbing

Radiation: None

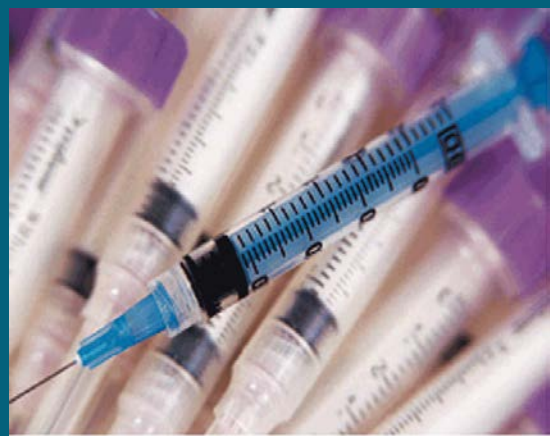
Severity: Moderate

Timing: Intermittent

Associated Symptoms: Diplopia and Photophobia

History

- Headache resolves with Advil
- 30 pound weight gain over the past year
- UTD with immunizations



History

- Past Medical Hx: Denies
- Family Hx: Denies
- Surgical Hx: Denies
- Social Hx: Denies ETOH or Drug Abuse, Lives with parents
- Medications: Denies
- Allergies: NKDA

Review of Systems

- Denies fever, chills, cough, nausea, vomiting, chest pain, shortness of breath, myalgias or neck stiffness.
- Denies previous history of headaches.
- Denies recent travel.
- Complains of frontal headache, diplopia and photophobia.

Physical Exam

- **VITALS**: T: 98.2 F BP: 128/72 P: 72 RR: 18 Oxygen Saturation: 97% on RA
- **GENERAL APPEARANCE**: Well-developed, well nourished, alert, cooperative, no acute distress, generally well appearing.
- **HEENT**: mild right-sided esotropia, conjunctiva clear, no nystagmus. No papilledema. TMs clear, mucous membranes good color.
- **NECK**: - JVD, no neck tenderness.
- **LUNGS**: Clear to auscultation bilaterally, no wheezes, rales or rhonchi.

Physical Exam

- **HEART**: Regular rate and rhythm, no murmurs, gallups or rubs.
- **ABDOMEN**: soft, non-tender, non-distended, bowel sounds x 4, no rebound, no guarding.
- **EXTREMITIES**: no clubbing, cyanosis or edema. 2+ radial pulses bilaterallly.
- **SKIN**: no rashes noted.
- **NEURO**: right-sided abducens nerve palsy, muscle strength 5/5 in bilateral UE and LE. Sensation intact in bilateral UE and LE. Finger to nose normal, normal gait, cerebellar function intact.

Labs

- CBC with Differential
  - WBC: 7.3
  - RBC: 5.10
  - H&H: 12.3/37.3
  - MCV: 73.2 MCH: 24.0
  - RDW: 15.4
  - Platelet Count: 240
  - Lymph: 29.9 %
  - Mononuclear: 5.2 %
  - Neutrophil: 63.1 %
  - Basophil: 0.5 %
  - Eosinophil: 4.6 %

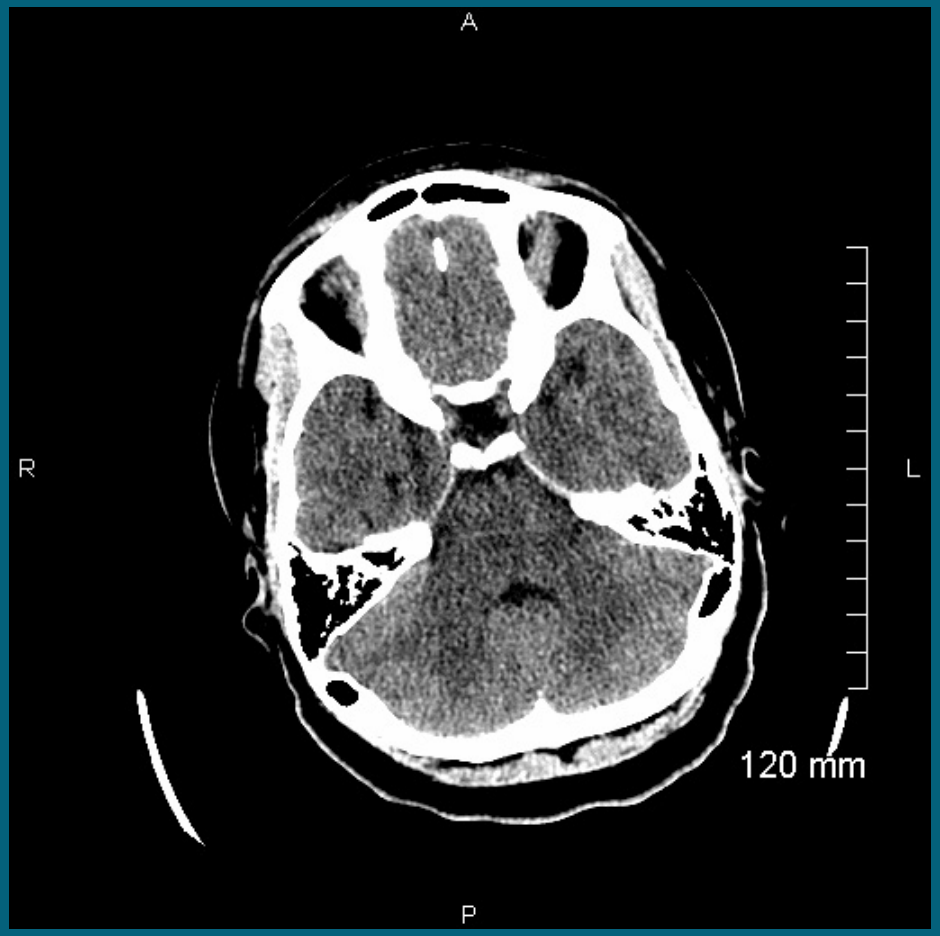
Labs

- **BMP**
  - Na: 138
  - K: 3.4
  - Cl: 104
  - CO_2: 28
  - Glucose: 100
  - BUN: 5
  - Cr: 0.68
  - Ca: 9.5

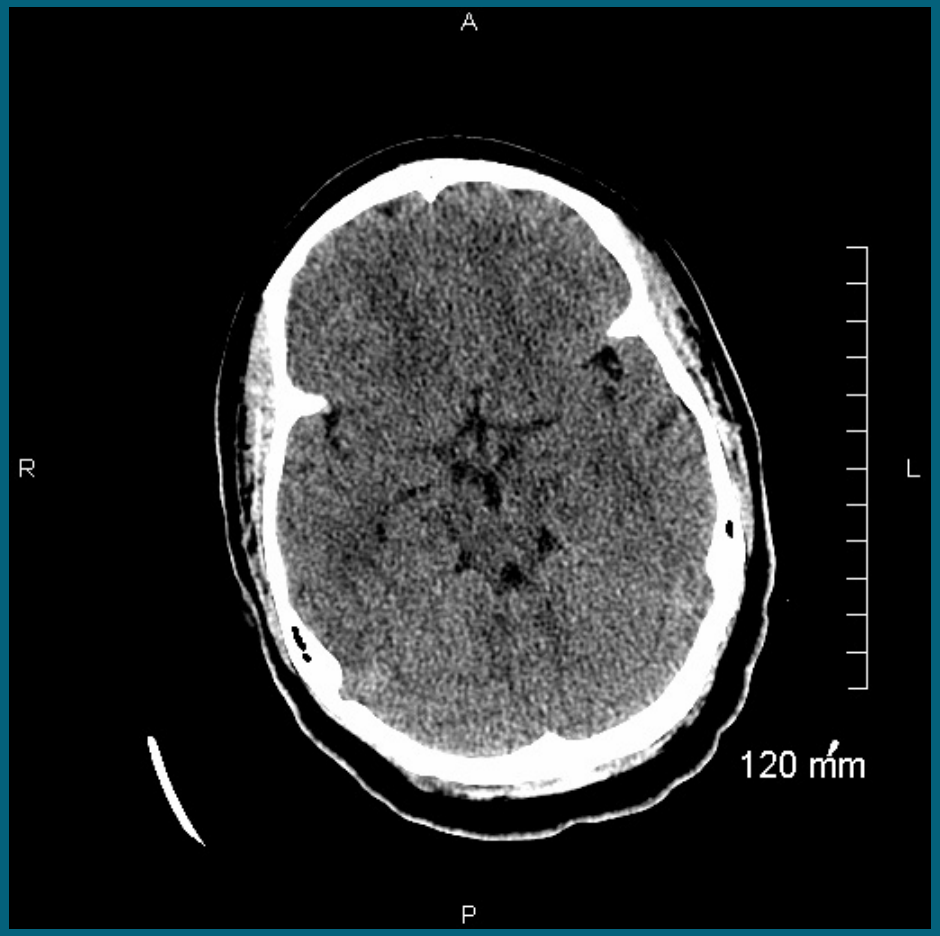
- **Coags**
  - PT: 12.4
  - INR: 1.1
  - PTT: 33

Beta HCG: Negative

CT Brain



CT Brain



Transfer

- Patient was transferred to a pediatric emergency department for further diagnostic workup.

- What Is Your Diagnosis???

Introducing

Faculty Discussant:

Dr. Joseph Dougherty, D.O.

Ohio Valley Health System