



## PATIENT WITH PERSISTANT HEADACHE WITH NORMAL MRI WITH EMPTY SELLA, NORMAL CSF ANALYSIS - CASE OF IDIOPATHIC CRANIAL HYPERTENSION

Saravanan.M

3rd Year Medicine PG, General Medicine, Chennai 600017

**ABSTRACT** PATIENT WITH COMPLAINTS OF PERSISTANT HEADCAHE FOR 8 MONTHS WITH NO SIGNIFICANT HISTORY HAD NORMAL INVESTIGATIONS. PATIENT HAD MRI DONE WHICH WAS NORMAL WITH EMPTY SELLA. CSF ANALYSIS WAS NORMAL WITH RAISED OPENING PRESSURE - A RARE CASE OF IDIOPATHIC CRANIAL HYPERTENSION.

### KEYWORDS :

#### HISTORY-

- A 32 year old female presented with complaints of Headache for 8 months
- Insidious onset, involving the occipital region, severe intensity, with no specific aggravating factors, relieves on taking medications, but never completely absent.
- No history of associated nausea/ vomiting
- no history of loss of consciousness/ seizures.
- no history of tinnitus/ hard of hearing.
- no history of blurring of vision or diplopia.
- No history of fever/neck pain.
- No history of altered sensorium.
- No history of any oral contraceptive pills use.
- H/o recent weight gain present over last 1 year.

#### PAST HISTORY..

- Not a known case of Tuberculosis, Diabetes Mellitus , Hypertension, Bronchial asthma or seizure disorder.

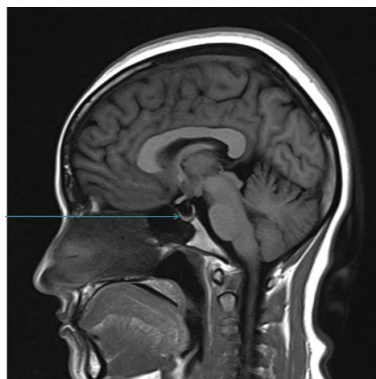
#### PERSONAL HISTORY..

- Regular menstrual cycles. 1/30 days, oligomenorrhoea present for last 1 year.

#### EXAMINATION-

- Conscious, oriented.
- Afebrile.
- Bp – 110/70 mmHg
- Pulse – 74/min
- BMI- 28.45 kg/sq.cm
- No pallor, icterus, cyanosis, clubbing, lymphadenopathy or odema
- CVS – S1 S2 +
- RS- Normal Vesicular breath sounds +
- P/A – Soft
- CNS – HMF: normal  
Cranial nerves- normal  
Motor, sensory and cerebellum systems: normal  
Fundus was normal.
- CBC: normal
- RFT, LFT, Serum electrolytes: Normal
- ESR: 24 mm/hr
- Serum 8 A.M. Cortisol: 10.81 µg/dl
- Serum Prolactin: 18.59 ng/ml

In view of intractable headache, MRI brain was done, which revealed Normal study with empty sella



- In view of MRI Brain findings, IIH was suspected.
- Neurology opinion was obtained . CSF manometry and analysis was done.
- CSF opening pressure was 34cm H2O.
- CSF cell count and biochemistry were normal.

#### CONCLUSION-

Thus the patient presented with Persisting headache with Normal examination and Normal blood routine had MRI brain s/o partial empty sella . Neurological testing revealed - CSF manometry - 34 cm H2O opening pressure with normal analysis which a rare case of idiopathic cranial hypertension .

