

## **Cranial Nerve Examination**

### **II Optic Nerve**

1. Visual acuity – Establish whether patient wears glasses. Get patient to see read covering right and left eye. If this is not possible, ask patient how many fingers you are showing him/ detect hand movements/distinguish light from dark
2. Visual field
  - a) Ask patient to cover one of his right eye with his right hand and focus on doctor's nose. Doctor then wriggles his own fingers from the corner slowly to the centre and tells patient : 'Say YES when you see my fingers wriggling from the corner of your eyes'
  - b) Repeat the step b) for all four corners.
  - c) Repeat Steps a) and b) for patients left eye
3. Accommodation – ask patient to look at your finger which is moving towards his nose . This will cause the patient to look cross-eyed and the pupils should constrict.
4. Direct and consensual light reflex

### **III Oculomotor , IV Trochlear, VI Abducens Nerves**

- H test for extraocular muscles . Doctor says 'Tell me if you see double vision' .

### **V Trigeminal Nerve**

1. Sensation at ophthalmic, maxillary and mandibular region – say yes when you feel me touching you. Is it the same on both side?
2. Motor – Doctor says 'Clench your teeth' – Doctor palpates masseter muscles
3. 'Open you jaw against my hands'

### **VIII Vestibulocochlear Nerve**

- Test hearing by whispering into patient's ear and ask him to repeat after you.
- Weber and Rinne test (Mention at the end of the examination)

### **IX Glossopharyngeal Nerve**

- Ask patient to say 'aah' - uvula deviates away from the site of the lesion
- Ask patient to cough

### **X Vagus Nerve**

- Hoarse voice

### **XI Accessory Nerve**

- Shrug your shoulder
- Push your jaw against my hand

### **XII Hypoglossal Nerve**

- 'Stick your tongue out': Deviates towards the site of the lesion
- 'Move your tongue from side to side'

I would like to complete my examination by

1. Performing a fundoscopic examination to check for papilloedema
2. Performing a Weber and Rinne test

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