

Cranial Nerves

1	Olfactory	On
2	Optic	Old
3	Oculomotor	Olympus
4	Trochlear	Towering
5	Trigeminal	Тор
6	Abducens	A
7	Facial	Finn
8	Auditory	And
9	Glossopharyngeal	German
10	Vagus	Viewed
11	Accessory	A
12	Hypoglossal	Нор

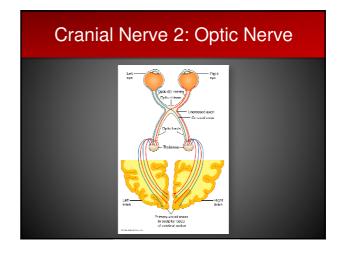
Cranial Nerve 1: Olfactory Nerve

Not routinely tested

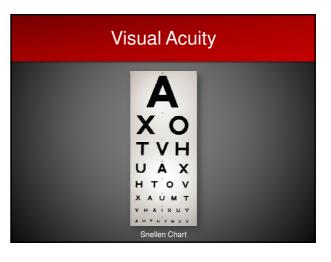


Cranial Nerve 2: Optic Nerve

Cranial Nerve 1: Olfactory Nerve



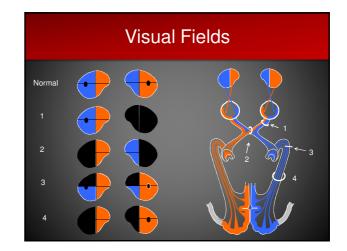
Cranial Nerve 2: Optic Nerve					
	1	Visual acuity			
	2	Visual fields			
	3	Colour vision			
	4	Pupils			
	5	Fundoscopy			



Visual Acuity	Visual Acuity
	A Distance at which the chart is viewed Distance at which the chart is viewed Distance at which a normally sighted person can view the letter*

If patient cannot read largest line

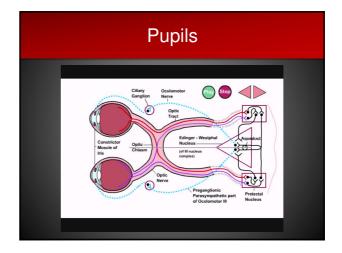
1	Move chart closer	
2	Counting fingers	
3	Hand movements	
4	Perception of light	



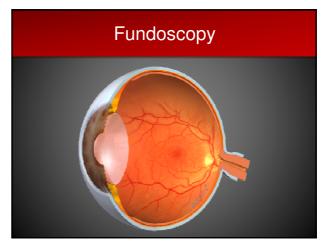


















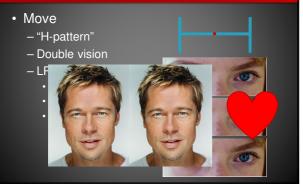
Cranial Nerves 3,4,6: Oculomotor, Trochlear, Abducens

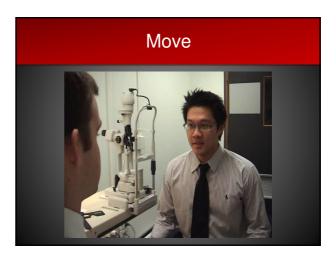
Cranial Nerves 3, 4, 6: Oculomotor, Trochlear, Abducens





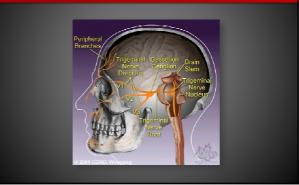
Cranial Nerves 3, 4, 6: Oculomotor, Trochlear, Abducens







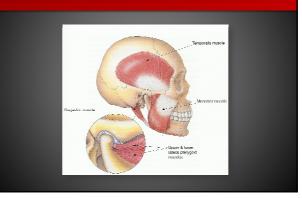
Cranial Nerve 5: Trigeminal Nerve



Cranial Nerve 5: Trigeminal Nerve



Cranial Nerve 5: Trigeminal Nerve



Cranial Nerve 5: Trigeminal Nerve





Cranial Nerve 7: Facial Nerve

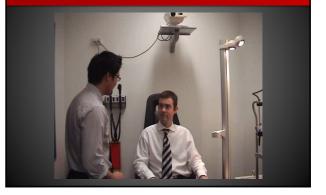
Look

- Facial droop
- Move
 - Facial expression



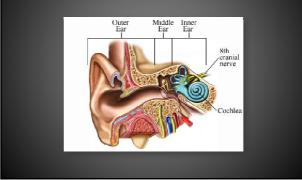
onormal normal

Cranial Nerve 7: Facial Nerve





Cranial Nerve 8: Auditory Nerve



Cranial Nerve 8: Auditory Nerve



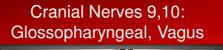
Cranial Nerves 9, 10: Glossopharyngeal, Vagus

Cranial Nerves 9,10: Glossopharyngeal, Vagus

Cranial Nerve 11: Accessory Spinal

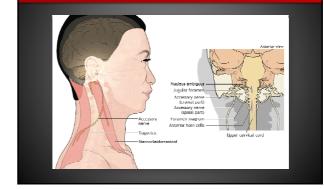
- Uvula deviation
- Gag reflex







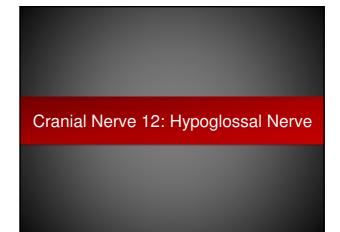




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Cranial Nerve 11: Accessory Spinal





Cranial Nerve 12: Hypoglossal

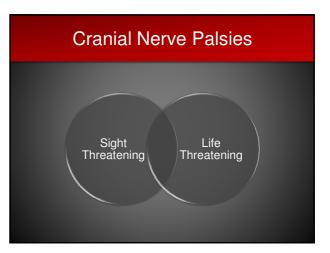
• Tongue deviation



Cranial Nerve 12: Hypoglossal

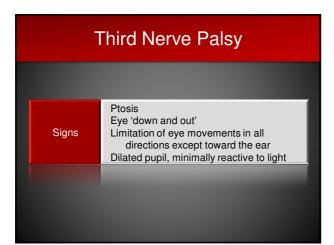


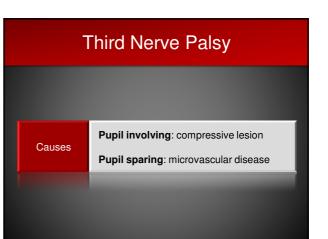


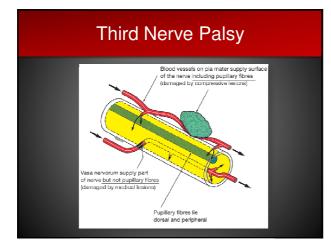


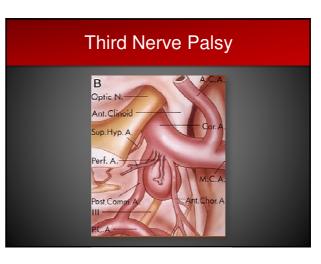


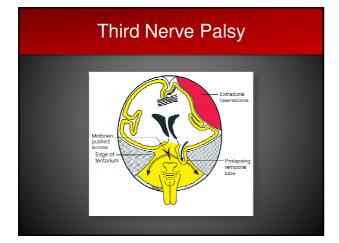
Т	hird Nerve Palsy
Symptoms	Double vision Ptosis Painful or painless*
*Does <u>not</u> d	istinguish between microvascular and compression

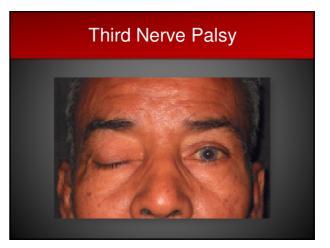




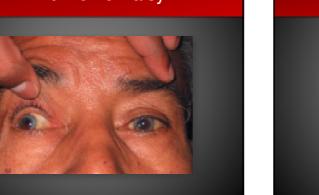


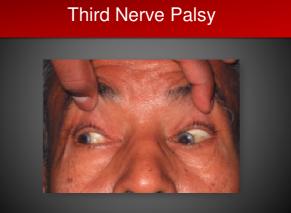






Third Nerve Palsy





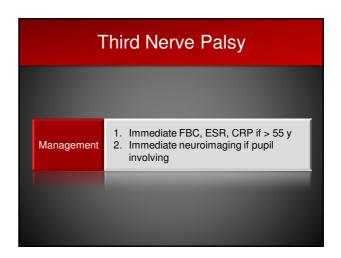
Third Nerve Palsy





Third Nerve Palsy







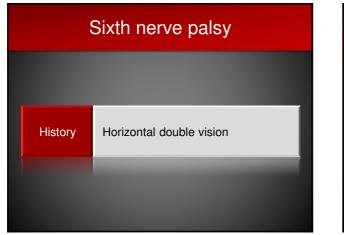
Fourth nerve palsy		
History	Vertical double vision	

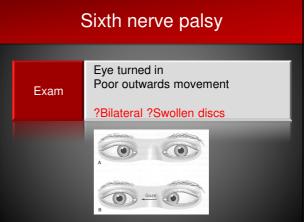
Exam Head tilt (toward normal side) Affected eye higher (often subtle) Image: Stress of the stress

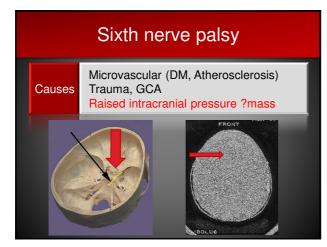
F	ourth nerve palsy
Causes	Trauma Microvascular GCA Tumour, hydrocephalus, aneurysm

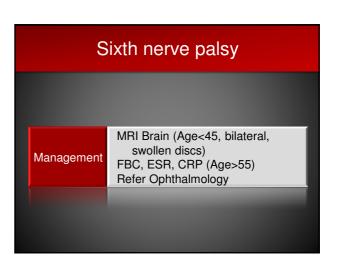
Fc	ourth nerve palsy
Management	MRI Brain (Age<45, other CN nerves involved) FBC, ESR, CRP (Age>55) Refer Ophthalmology













Seventh Nerve Palsy		
Symptoms	Weakness of one side of face Inability to close eye Excessive drooling	

Seventh Nerve Palsy

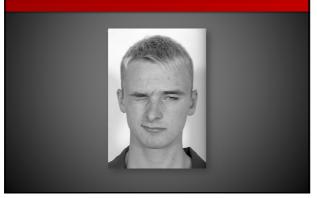
Examination

Weakness of one side of the face Loss of nasolabial fold Drooping of corner of mouth Ectropion Lagophthalmos

Seventh Nerve Palsy

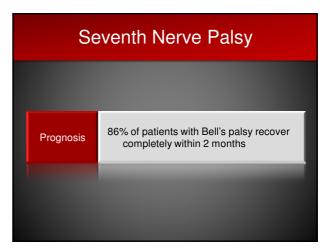


Seventh Nerve Palsy



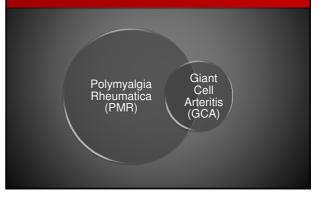
Seventh Nerve Palsy		
Causes	Tumours Trauma Stroke Infection Iatrogenic Idiopathic (Bell's palsy)	

Se	eventh Nerve Palsy
Management	Refer as appropriate Tape eye at night Lacrilube nocte Monitor for exposure keratopathy



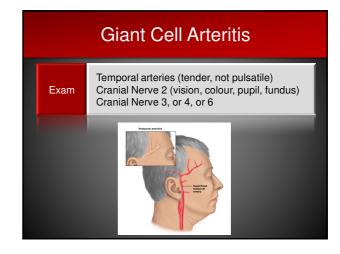


Giant Cell (Temporal) Arteritis



Giant Cell Arteritis

	History	Age > 50 Headache Scalp tenderness Jaw claudication Fever, fatigue, weight loss Proximal myalgia Vision Loss (15-20%) Double vision*
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Arteritic Ischaemic Optic Neuropathy (Giant Cell Arteritis)

Management	 Immediate FBC, ESR, CRP Immediate systemic steroids (determine dose with Ophthalmology Registrar) Transfer Ophthalmology Temporal artery biopsy

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