FACIAL NERVE AND ITS DISORDERS

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FACIAL NERVE

- Motor
- Sensory
- Secreto motor fibres
NUCLEUS OF FACIAL NERVE
CAUSES OF FACIAL NERVE PALSY

CENTRAL

PERIPHERAL

INTRACRANIAL PART

INTRATEMPORAL PART

EXTRACRANIAL PART
INTRA TEMPORAL PART

Congenital

Traumatic

• Surgical
  Mastoidectomy
  Stapedectomy

• Accidental
  # of Temporal bone
Intra Temporal Part

Inflammatory

- Acute suppurative otitis media
- Chronic suppurative otitis media
- Herpes zoster oticus
- Malignant otitis externa
Neoplasms

- Glomus jugulare
- Facial Nerve neuroma
- Malignant lesions of temporal bone
- Metastasis
Idiopathic

- Bells Palsy
• Traumatic
  Surgical
    Parotidectomy
  Accidental
    RSA
• Inflammatory
• Neoplastic
  Benign
  Malignant
BELL'S PALSY

It is defined as idiopathic, acute in onset, lower motor neuron type, self limiting, not dangerous to life, occur in any sex and age.
AETIOLOGY

- Viral infection
- Vascular ischaemia
- Hereditary
- Auto Immune disorder
Clinical Features

- Sudden in onset
- Unable to close eye
- Deviation of angle of mouth
- Epiphora
- Pain in or around the ear
- Fever
- Loss of taste
DIAGNOSIS

- Careful history
- Otological examination
- Head and Neck examination
- Hematological tests
- Radiological tests
- Blood sugar
- Topo diagnostic tests
- Schirmer’s test
- Stapedial reflex
- Taste test
- Sub mandibular salivary flow test
TREATMENT

General

• Reassurance
• Analgesics
• Care of eye
• Physiotherapy
TREATMENT

Medical Rx

• Steroids
• Vasodilators

Surgical Rx

• Decompression
PROGNOSIS

- 85-90%
- Complete recovery
- 10-15%
  Incomplete recovery
Melkersson Syndrome

Ramsay Hunt Syndrome
THANK YOU!!!
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