

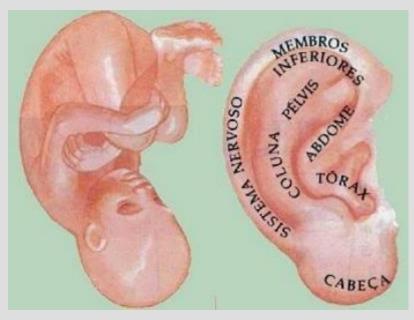
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PPT Presentation

A MIDLINE LUMP'S DISCRETE FORTUNE

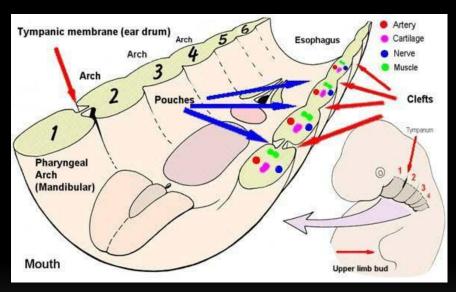
Ajay Manickam



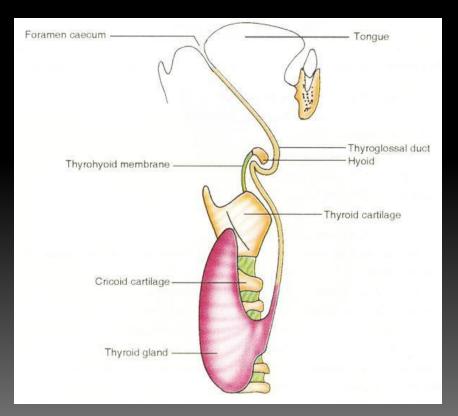


THE EMBRYOLOGICAL REMNANTS

PERSISTANT REMNANTS OF BRANCHIAL APPARATUS and THYROGLOSSAL DUCT



- First branchial arch fistula cervico aural
- Second branchial arch fistula
- Third and fourth branchial arch abnormalities
- Disorders of thyroglossal duct





DESTINATION

• A MIDLINE LUMP'S EN-ROUTE







CASE HISTORY

With C/O

Swelling in the front of neck for the past 14 years

Foreign body sensation in throat for the past 1 month





NO HISTORY

















Examination in OPD

- The mass in the neck was around 5 × 4 cm
- It was mobile, non tender, insidious in onset and gradually progressive
- Moves with deglutition
- Moves with protrusion of tongue



INDIRECT LARYNGOSCOPY EXAMINATION

- Mass in the supraglottis, extending to vallecula, glottic chink was narrow, bilateral arytenoids, AE folds, Vocal folds were mobile
- No other palpable neck nodes

DIAGNOSTIC DILEMMA

- 1. Ectopic thyroid
- 2. Sebaceous cyst
- 3. Dermoid cyst
- 4. Lipoma
- 5. Branchial Cleft cyst
- 6. Metastatic Lymphnode
- 7. Laryngeal carcinoma



CLINCAL EXAMINATION

- CLASSICAL APPEARANNCE
- MOVEMENT
- POSITION
- HISTORY NEARLY 12 YEARS
- AGE
- H/O SMOKING, ALCOHOLISM



PLAN

ADMISSION INVESTIGATION







INVESTIGATIONS

- ULTRA SONOGRPHY OF NECK Solid SOL with echogenic matter, measuring 4x3cm, anterior and superior to the thyroid gland
- FNAC Thyroglossal cyst

CT SCAN OF NECK

- Heterogeneously enhancing necrotic, mass lesion with
- Superior extent to the left supraglottic region upto valeculla

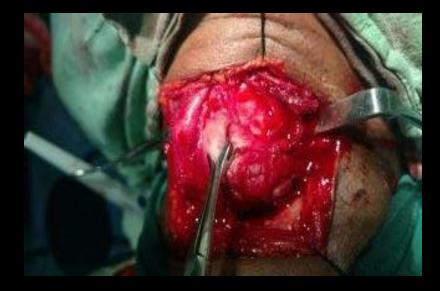




• Anteriorly it extended within the subcutaneous tissue with erosion of left thyroid lamina

MANAGEMENT

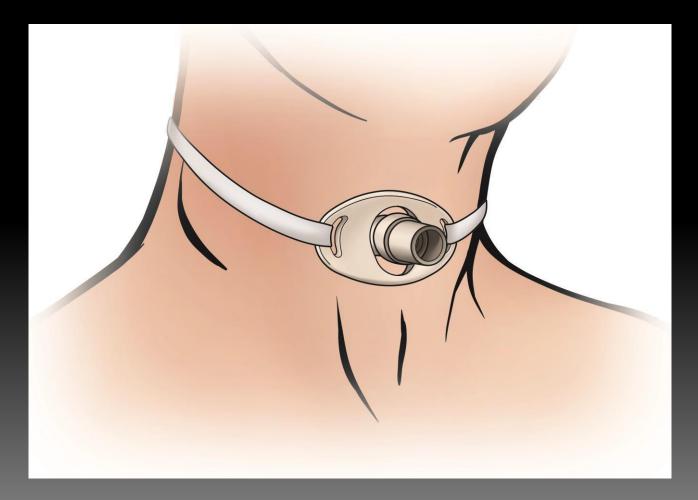
Sistrunk operation







TRACHEOSTOMY



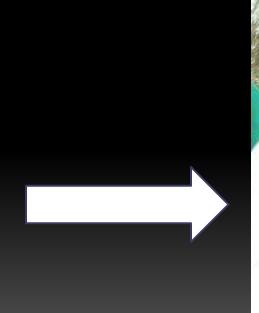
Post operative management





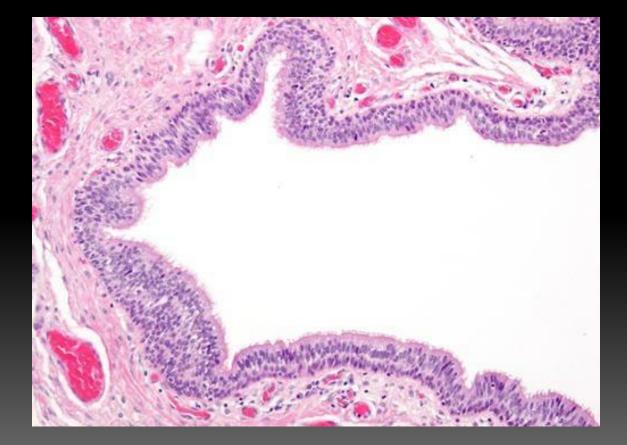
DAY 0 -DAY 7







HISTOPATHOLOGICAL REPORT



DISCUSSION

INFRA HYOID
SUPRA HYOID
INTRA LINGUAL
SUPRA STERNAL

Laryngeal extension

THYROGLOSSAL CYST

ENROUTE LARYNX

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PubMed Tutorials	Clinical Queries	E-Utilities
New and Noteworthy	Topic-Specific Queries	LinkOut

- Clinical examination
- Radiological guidance in cases with diagnostic dilemma
- Intra laryngeal extension though rare to be kept in mind



THANK YOU

