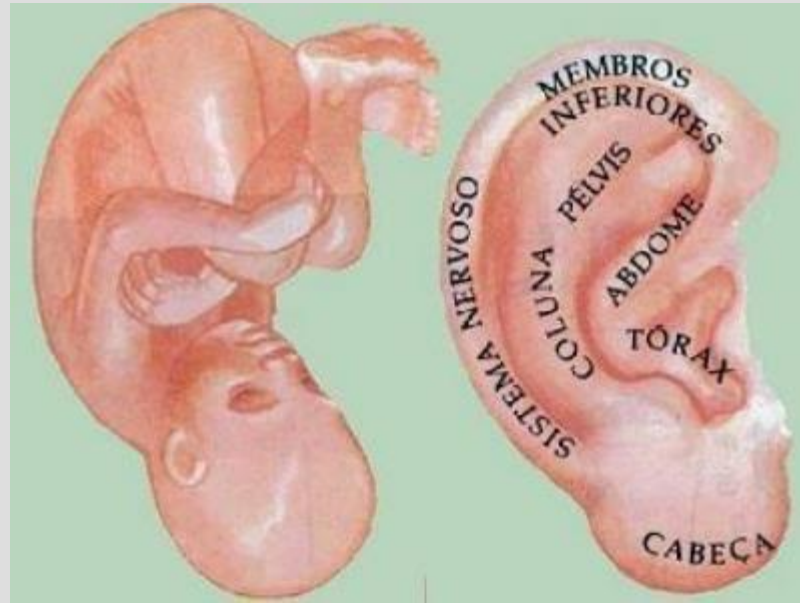




A MIDLINE LUMP'S DISCRETE FORTUNE

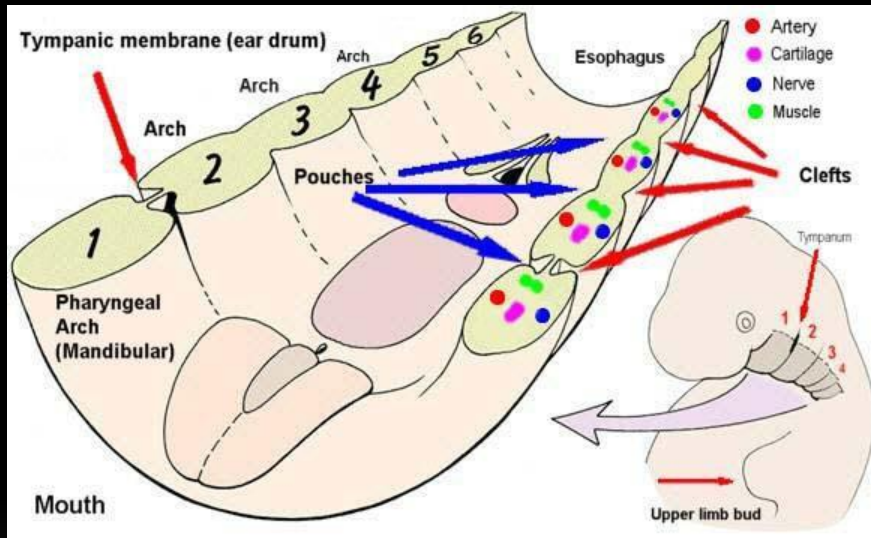
Ajay Manickam



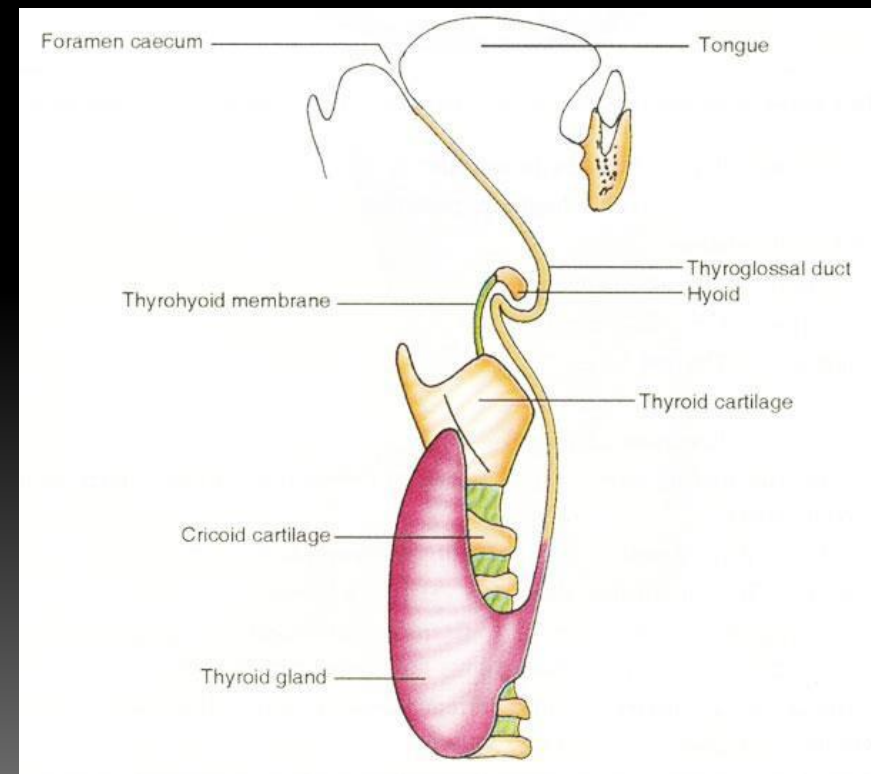


THE EMBRYOLOGICAL REMNANTS

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

**CASE HISTORY
PROFORMA**



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



CLINICAL EXAMINATION

- CLASSICAL APPEARANCE
- MOVEMENT
- POSITION
- HISTORY NEARLY 12 YEARS

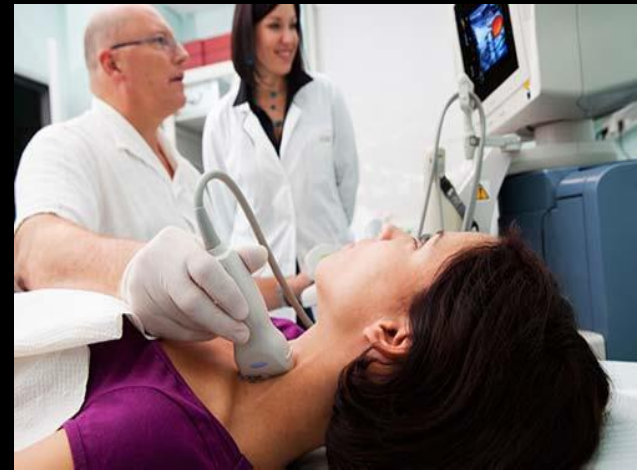


- AGE
- H/O SMOKING, ALCOHOLISM



PLAN

- ADMISSION
- INVESTIGATION



INVESTIGATIONS

- ULTRA SONOGRAPHY 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 vallecula

- Lateral extension into left paraglottic Space



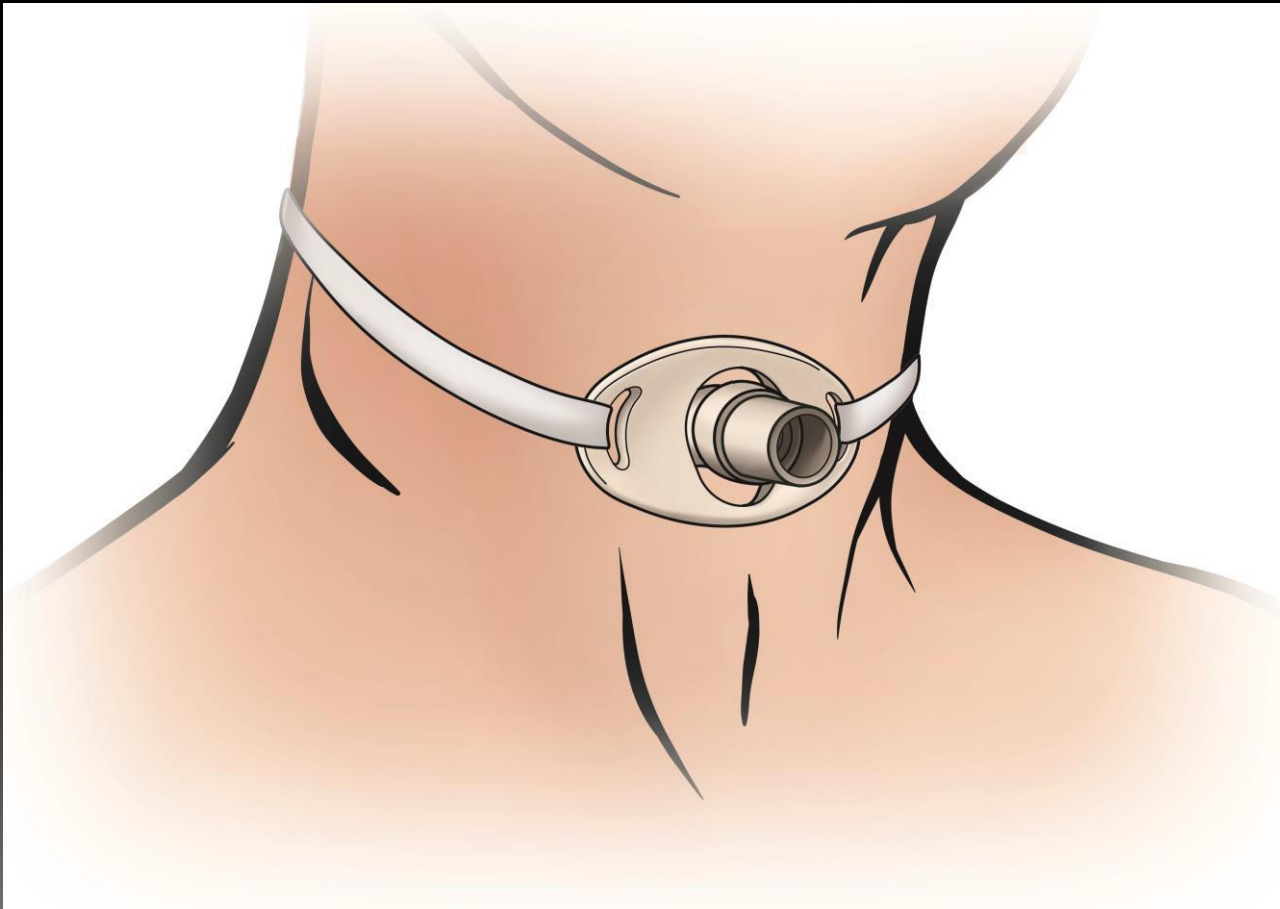
- Anteriorly it extended within the subcutaneous tissue with erosion of left thyroid lamina

MANAGEMENT

- Sistrunk operation



TRACHEOSTOMY



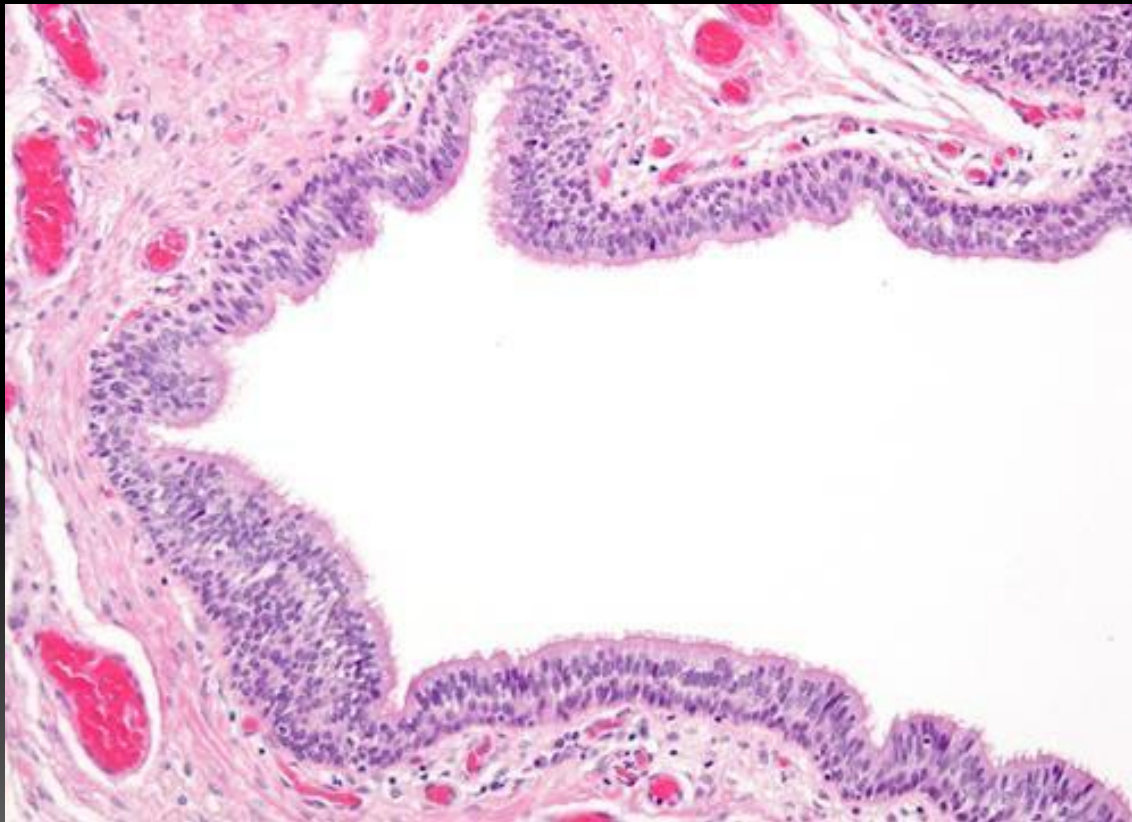
Post operative management



DAY 0 -DAY 7



HISTOPATHOLOGICAL REPORT



DISCUSSION

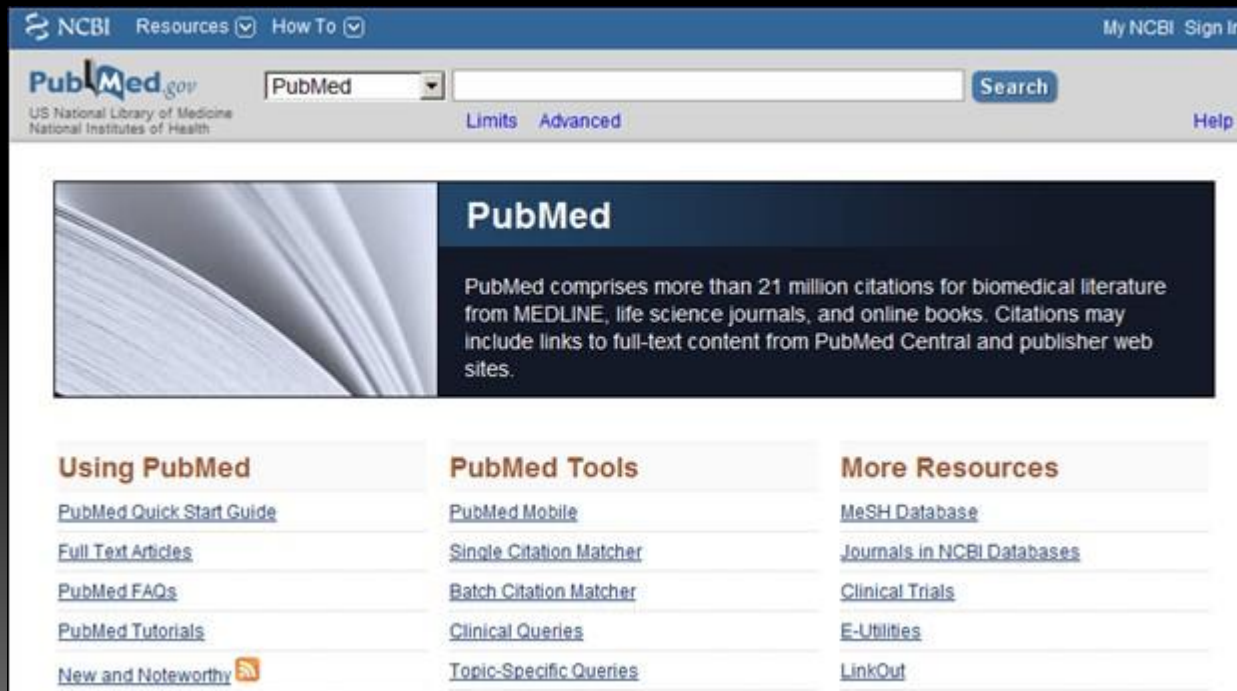
1. INFRA HYOID
2. SUPRA HYOID
3. INTRA LINGUAL
4. SUPRA STERNAL

Laryngeal extension



THYROGLOSSAL CYST

ENROUTE LARYNX



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



THANK YOU

