

- A 18 yr old male mr.Dinesh kumar coming from guindy who is a student belonging to low socioeconomic status presenting with chief complaints of swelling in the right side of the neck for 8 months

H/O PRESENTING ILLNESS

- The patient was apparently normal 8 months back after which he developed
 - swelling – right side of the neck
 - Insidious in onset
 - Duration-8 months
 - initially small size gradually progressive to attain the current size

- No h/o pain / discharge
- No h/o evening rise of temperature
- No h/o loss of weight/appetite
- No h/o night sweats
- No h/o trauma
- No h/o cough with hemoptysis
- no h/o epistaxis , nasal block

- No h/o oral ulcers
- No h/o ear pain, ear discharge,
- No h/o abdominal pain, hematemesis, melena
- No h/o swollen testis
- no h/o hoarseness of voice
- No h/o difficulty in turning head
- No h/o deviation of tongue
- No h/o frequent fainting
- No h/o difficulty in shrugging of shoulders
- No h/o swelling elsewhere in the body

PAST HISTORY

- No h/o similar complaints in the past
- No h/o DM/HT/TB/asthma/jaundice
- No h/o previous surgery/hospitalization

PERSONAL HISTORY

- Consumes non-vegetarian diet
 - Normal bowel and bladder habits
 - No h/o alcoholism/smoking
 - h/o contact with TB patient
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- FAMILY HISTORY:
 - Father is a known TB patient

GENERAL EXAMINATION

- Conscious, oriented
- Poorly built and nourished
- No pallor/icterus/cyanosis/clubbing/pedal edema/generalised lymphadenopathy

VITALS

- Pulse rate- 74/min normal in rate ,rhythm,volume,character,all peripheral pulses are felt,no vessel wall thickening
- RR-18/min abdominothoracic type
- BP-120/80 mm/hg measured in right upper arm in sitting posture
- Temperature-afebrile

LOCAL EXAMINATION

- **INSPECTION:**

- swelling- 2 in numbers

swelling 1

Rt side of neck, lower, along
sternocleidomastoid in the anterior
triangle

5*4cm in size

Extension

- Upper -3cm from angle of mandible
- Lower-3cm from clavicle
- Medial-3cm from midline
- Lateral-8 cm from midline
- Hemispherical in shape
- Smooth surface ,
- Skin over the swelling normal
- No scars, sinuses, dilated veins
- No visible pulsation / cough impulse

Swelling 2:

- right lower lateral aspect in the anterior triangle
- 3*3 cm

Extend :

upper-5cm from angle of mandible
lower-8cm from angle of mandible
medial-8cm from midline
lateral-7cm from spine

- Hemispherical in shape
- Smooth surface
- Skin over the swelling normal
- No scars , sinuses, dilated veins
- No visible pulsations/ cough impulse

- Oral cavity:
no growth ,no ulcer , dental caries
present , poor oral hygiene

Nasal cavity:

free , septum appears to be in
midline

Ear :

normal , no discharge

Scalp : normal

Palpation

- Not warmth, not tender
- Inspectory findings of site, size, shape, extend are confirmed
- Smooth surface , freely mobile
- Skin over the swelling pinchable
- Non tender
- Firm in consistency

- No fluctuation
- No translucency
- No cough impulse
- No pulsations
- No fixity to skin
- Surrounding areas- normal
- Plane of swelling-deep to deep cervical fascia

- Percussion:

dull note

Auscultation :

no bruit

Movement :

no restriction of movement

Spine, cranium- normal

OTHER SYSTEMS

Abdomen :

soft, non tender, no organomegaly / free
fluid, hernial orifice-free, external genitalia
- normal

CVS- S1 S2 heard no murmurs

RS-normal vesicular breath sounds heard
no added sounds

CNS-no focal neurological deficit

DIAGNOSIS

- RIGHT SIDED CERVICAL LYMPHADENOPATHY involving level 3 nodes

DIFFERENTIAL DIAGNOSIS

- TUBERCULOUS LYMPHADENITIS
- HODGKINS LYMPHOMA
- SECONDARIES NECK
- Syphilis
- HIV
- LEUKEMIA

INVESTIGATIONS

- ROUTINE;
- Blood- TC , DC, Hb%, ESR, urea, sugar
- ECG
- RFT

- SPECIFIC
FNAC
X-RAY CHEST
MANTOUX TEST
USG NECK
SPUTUM CULTURE , SENSITIVITY
ACID FAST STAINING

TREATMENT

- ANTI-TUBERCULAR THERAPY

CATEGORY- I

INTENSIVE PHASE – 2 MONTHS

ISONIAZID

RIFAMPICINE

PYRAZINAMIDE

ETHAMBUTOL

CONTINUATION PHASE- 4 MONTHS

ISONIAZID

RIFAMPICIN