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RESPIRATORY SYSTEM

I. Introduction

Name: Age: Sex: Handedness: Resident of:
Education: Occupation: Religion: Informant: Reliability:

II. Chief Complaints (in chronological order)

III. HOPI

1) ***Cough*** - Onset, Dry/Wet, Day/Night/ Postural/seasonal variation, associated with, aggravated by / relieved by, present status

2) ***Expectoration*** - Color, Consistency, Quantity, Smell, Diurnal/ Postural variation, More in the early morning, Aggravated by / Relieved by, Present status

3) ***Hemoptysis*** - Color, Quantity, Frequency, Postural variation, Associated with, Last episode, Postural symptoms, Aggravated by / Relieved by, Present status

4) ***Dyspnoea*** - Onset, Progression (describe wrt activities), Associated with, Aggravated by / Relieved by, Present status, MMRC grading (0-4), PND, Orthopnoea

5) ***Wheeze*** - Duration , Periodicity, Seasonal/ Diurnal variation, Associated allergic features like allergic rhinitis, urticaria, recurrent sneezing, Aggravated by / Relieved by, Present status

6) ***Chest pain-(OLD . CAARTS)*** Onset, Location, Duration, Character, Associated features, Aggravating and Relieving factors, Radiation, Time, Severity

7) ***Fever*** - Grade, Max Temp, Type, Associated with chills& rigors, Diurnal variation, Evening rise of temp., night sweats, relieved by, present status

8) Anorexia

9) ***Weight loss*** - Quantified/Unquantified, Intentional /Unintentional, Significant/insignificant

10) Hoarseness of voice

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11) Ptosis

12) Recurrent respiratory infection

13) History suggestive of Collagen Vascular Disease-Joint pain/rash/oral ulcers/seizures/excessive hairfall

14) Palpitation /Easy fatiguability

15) Bladder / Bowel symptoms

16) Swelling of face/ edema

17) CNS symptoms-LOC/Head ache/weakness/vomiting

IV. Past History

DM/ HTN / TB/ Bronchial asthma/IHD

Childhood infection

Jaundice/ Blood Txn

Allergies/ FB inhalation

Trauma/ Surgeries/ similar illness in the past

V. Personal History

Smoking - pack years/smoking index/ Chula smoking

Alcohol / Tobacco

Veg / Non veg

Marital status/ Children/Menstrual history in detail

High risk behavior/Bladder/Bowel/Sleep

Immunization history

Socio-economic status/ over crowding

VI. Family history

TB/ Similar illness in the family

VII. Treatment history

VIII. Summary at the end of the history

IX. Impression/ DD

General physical examination

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- Conscious/oriented/comfortable
- Ht- Weight- BMI- Temp-
- Pulse- (Rate, Rhythm, Volume, Character, Peripheral pulses. R-R/ R-F delay, Pulse deficit, Vessel wall, Carotid bruit)
- BP- mmHg, Respiration - Rate, Rhythm, Type (Abdomino-Thoracic / Thoraco-Abdominal)
- SpO2- BCG scar
- P/J/Cy/Cl/LNE/PE/JVP/rash/facial plethora/neck veins/puffiness of face/ Pemberten sign /Lt supra clavicular LN /Voice/asterixis
- Signs of Malnutrition- Temporal / Buccal fat wasting, Hollowness of supraclavicular – infraclavicular fossae, Emaciated look
- Nicotine stain- lips, Nail, teeth, gums, Vitamin deficiencies
- Spine – Kyphosis / Scoliosis /Gibbus, Skull
- Peripheral signs of TB / Sarcoid / HIV
- Marfanoid features, Thyroid, Testes, Low hair line, Horners Features, Congenital anomalies

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Systemic Examination

Respiratory System:

Upper Respiratory Tract

- Ear, Nose (polyps, postnasal drip, DNS)
- Throat (tonsils, oral hygiene, nicotine stain)

Inspection

- Chest symmetry, Pectus excavatum/ Carinatum
- Shape of chest

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- Respiratory movements - equal / decreased
- Tracheal position / Trail sign
- Signs of volume loss – shoulder droop/wasting (supra/infra clavicular)/Nipple position/ Spino scapular distance/ Rib crowding/ Intercostal spaces
- Intercostal space indrawing / Hoover's sign/Respiratory paradox/ Respiratory alternans
- Accessary muscles of respiration
- Apical impulse
- Dilated veins/Scars/Sinuses/Visible pulsations/Skin

Palpation

- Inspiratory findings confirmed
- Tracheal position
- Apical impulse
- Rib crowding
- Chest wall tenderness/ Crepitus / SC emphysema/ Nodules / LNE
- Harrison's sulcus / Hoover's sign

Measurements

	Chest Circumferance	**Expansion**	**Hemithorax**	**Hemithorax expansion**	**Spino Scapular Distance**	**Antero-Posterior Diameter**	**Transverse Diameter**
Right							
Left							

		Supra Clavicular	Infra clavicular	Mammary	Axillary	Infra Axillary	Supra Scapular	Inter Scapular	Infra Scapular
Respiratory Movement	Rt								
	Lt								
Percussio	Rt								
	Lt								

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n									
Kronig's Isthmus	Rt								
	Lt								
Percussion over clavicle	Rt								
	Lt								
Percussion over Traube Space									
Liver Dullness, Tidal Percussion									

Auscultation

		Supra Clavicular	Infra clavicular	Mammary	Axillary	Infra Axillary	Supra Scapular	Inter Scapular	Infra Scapular
Air Entry	Rt								
	Lt								
VF, VR	Rt								
	Lt								
VBS	Rt								
	Lt								
Bronchial Breathing	Rt								
	Lt								
Wheeze/ Rhonchi	Rt								
	Lt								
Crackles	Rt								
	Lt								
Whispering Pectroloquy									
Aegophony									
Pleural Rub									

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Cardio-Vascular System

- Apical Impulse
- Precardial buldge, Parasternal heave
- Palpable sounds, Thrill
- S1,S2,S3,S4
- Murmurs

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Abdomen

- Symmetry/Distension
- All quadrants moves with respiration
- Soft, Tenderness, Liver, Spleen, Any mass, Bowel sounds, Hernial orifices

Central Nervous System

- Consciousness,Orientation
- FND, Horner's Syndrome, Planters

Summary after Examination

Diagnosis/DD

Investigation

Treatment

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