

# ADULT RESPIRATORY AR-01

### **RESPIRATORY ASSESSMENT**

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History and Physical:								
Historical Findings	Physical Findings							
<ul> <li>Use of inhaled medications, steroids, diuretics,</li> </ul>	<ul><li>Dyspnea, tachypnea</li></ul>							
antihypertensive medications	<ul><li>Cyanosis</li></ul>							
<ul><li>Smoking</li></ul>	<ul><li>Clubbing</li></ul>							
<ul><li>Fever</li></ul>	<ul><li>Edema (pulmonary, pedal, ascites, presacral)</li></ul>							
<ul><li>Productive cough</li></ul>	<ul><li>Wheezing, rales, rhonchi, absent/decreased</li></ul>							
<ul><li>Recent surgery</li></ul>	breath sounds, stridor							
	Chest pain							
	<ul><li>Bronchoconstriction</li></ul>							
	<ul><li>Jugular Venous Distention (JVD)</li></ul>							

#### **Assessment:**

- C.A.B.C.
- Secondary Assessment
- Vital Signs
- EKG 3-Lead and 12-lead
- BGL
- Temperature
- Lung sounds
- GCS
- OPQRST
- ASPN
- SAMPLE
- Capnography
- Mallampati score

# **Differential Diagnoses:**

- Consider all possible causes and refer to appropriate protocol:
  - o Pulmonary embolism
  - Anxiety
  - o COPD
  - o Asthma
  - Airway obstruction
  - o Pneumonia
  - o CHF/Myocardial Infarction
  - o Pneumothorax
  - o Allergic reaction
  - o Aspiration



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# **Additional Information:**

# Mallampati Classification:

• Class I: soft palate, fauces, uvula, pillars visible

• Class II: soft palate, fauces and uvula visible

Class III: soft palate, base of uvula visible

Class IV: soft palate not visible

	Breath sounds	Effort	Edema	Cough	Onset	History	Medications	SpO2	EtCO2	JVD	Vitals
CHF	Rales, possible wheezing	Labored	Maybe	Clear, white or blood tinged sputum	Sudden	HTN, Cardiac, CHF	K-Dur, Lasix, Lanoxin	ļ	1	Maybe	Irregular HR (a-fib), ↑ BP
COPD	Wheezing, could be silent	Barrel chested, tripod	No	Productive, Sputum	Chronic	COPD	Bronchodilato rs, Steroids	ļ	1		
Asthma	Wheezing, could be silent	Grunting, retractions, gasping	No	Productive, Sputum	Acute	Asthma	Bronchodilato rs, Steroids	↑ early ↓ late		No	
Pneumonia	Rales, possible wheezing, congestion	Pleuritic pain		Productive, Yellow- green	Over several days	General sickness, fatigue, fever	Various			No	
Pulmonary Embolis	Crackles, wheezes?	Pleuritic pain	Maybe	Maybe	Sudden	recent surgery, bed ridden		ļ	Ţ	Maybe	↓ BP ↑HR
Allergic Reactions	Wheezing	Stridor, Shallow	Maybe	Maybe	Sudden	New medication, insect sting/bite		ļ			↓ BP ↑HR
Hyperventilation	Clear	Carpapedal spasms, chest pain			Sudden	No significant medical history		1	Ţ		
Cardiac event	possible wheezes					Cardiac, Bypass surgery, possibly none					
Mass (tumor, FBAO, etc)	Unilateral										