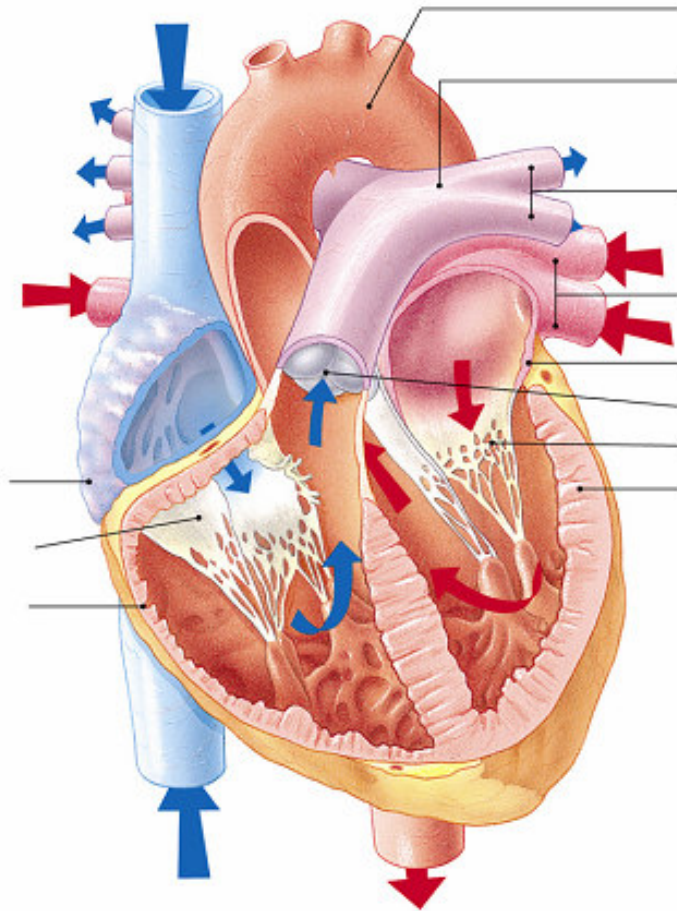


St. Anthony Medical Center of Crown Point
Grand Round Review Program
2009 First Quarter

1] Match the diagram for cardiac anatomy:



- A] left ventricle
- B] right ventricle
- C] left atria
- D] right atria
- E] aortic valve
- F] pulmonic valve
- G] mitral valve
- H] tricuspid valve
- I] aorta
- J] pulmonary artery
- K] pulmonary vein

2] What is the function of the right side of the heart?

3] What is the function of the left side of the heart?

4} What are the factors that determine blood pressure?

Define the following cardiac terms

5] Preload:

6] Afterload:

7] Stroke Volume:

8] Automaticity:

9] Starling Mechanism:

10] Excitability:

11] Chronotropic:

12] Inotropic:

13] Complete the following table regarding Congestive Heart Failure

Category	Right-Heart Failure	Left-Heart Failure
Onset of Symptoms		
Signs and Symptoms		
Treatment Priority		

Explain the following interventions regarding treatment of heart failure patients.

14] Oxygenation

15] Positive-pressure Ventilation

16] Diuretics

17] Bronchodilators

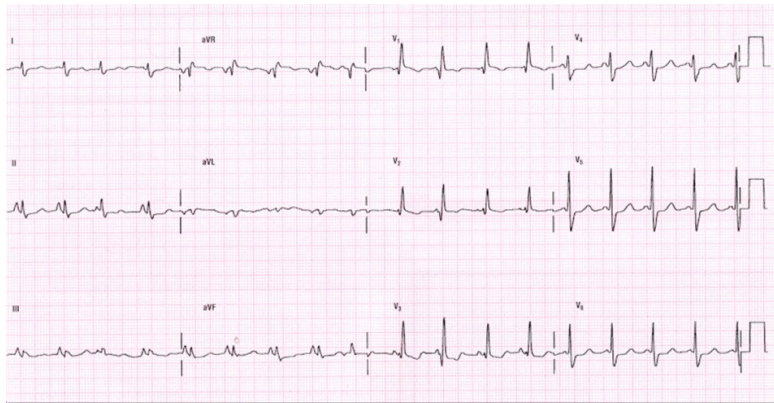
18] Beta-blockers

19] Nitrates

20] Opiates

21] You are called to the local nursing facility for a 75yo female with severe respiratory distress. O/A, directed to the room where you can hear audible breathing from down the hall. Assessment as follows:

A: Congested	S: Severe Dyspnea
B: RR 36; rales; SaO2 84%	A: Sulfa
C: HR 87lrr; 196/110; cyanotic	M: NTG; Lasix
D: Anxious	P: HTN; CHF; COPD
E: No injury	L: 2 hours
	E: Choked at lunch



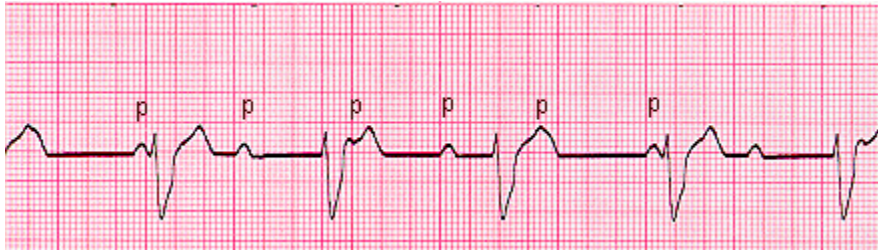
Field Impression:

Treatment:

22] Called to the residence of a 52yo male who is feeling ill. O/A you find the patient sitting in a recliner C/O mild Dyspnea and "not feeling well".

Assessment as follows:

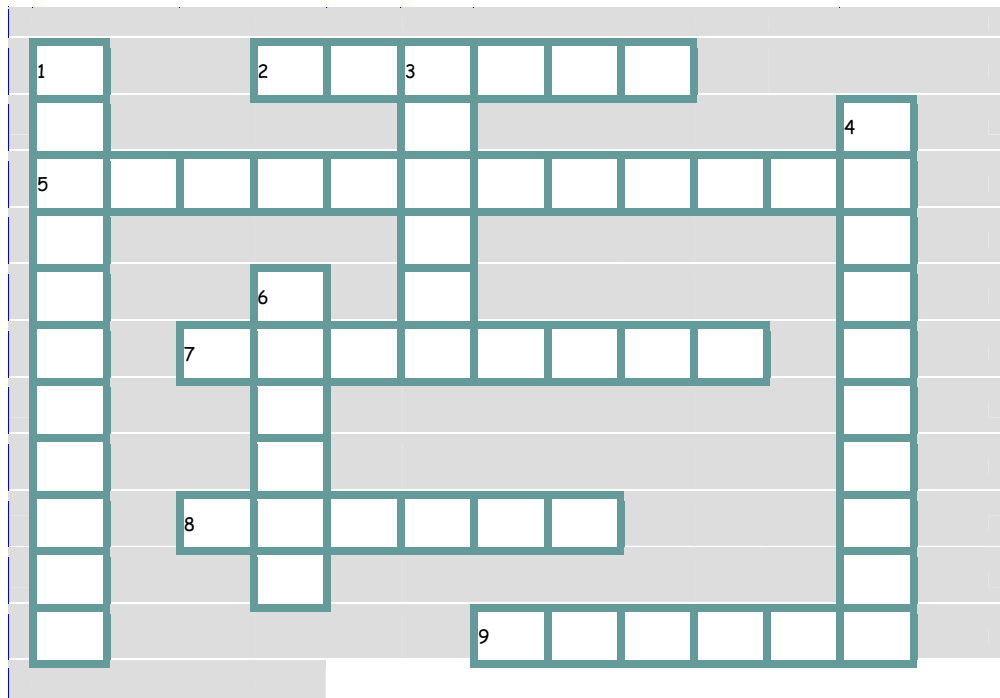
A: Open	S: Illness; Dyspnea
B: RR 24; Wheezing/Rhonchi	A: NKA
C: HR 52; 106/72; CR=2; P/W/M	M: Cold Medicine
D: A & O; PERL	P: Heavy smoker
E: No injuries	L: no appetite x 1day
	E: Sleeping in chair x2days



Field Impression:

Treatment:

23] Complete the following:



Across

- 2 Increased blood _____.
- 5 What happens once all of the _____ mechanism of the heart failed?
- 7 The heart fibers increase in size known as remodeling. This will _____ the force of contraction.
- 8 What happens when the myocardial _____ exceeds their stretching limits?
- 9 When listening to heart sounds of a client with CHF, you hear extra sounds like a horse galloping over the _____ area. These sounds are called?

Down

- 1 Extreme _____.
- 3 A state in which the heart is no _____ able to pump sufficient blood to meet all of the metabolic needs of the body system.
- 4. To improve the pumping action of the heart and reduce _____ workload.
- 6. How does _____ cause chronic CHF?