

McHenry Western Lake County EMS System
Spring 2021 CE
ECG Rhythms Back to Basics – EMT Post Quiz

NAME: _____ Department _____

1. The primary pacemaker of the heart is located in the:
 - a. Right Ventricle
 - b. Right Atrium
 - c. Left Ventricle
 - d. Left Atrium

2. The primary pacemaker of the cardiac electrical system is the:
 - a. Sino Atrial (SA) Node
 - b. Atrio Ventricular (AV) Node
 - c. Bundle of HIS
 - d. Perkinjie Fibers

3. Which wave form represents the firing of the SA node:
 - a. P wave
 - b. QRS Complex
 - c. S-T segment
 - d. T wave

4. Which wave from depicts the time for atrial depolarization to occur?
 - a. P wave
 - b. PR interval
 - c. QRS
 - d. S-T segment

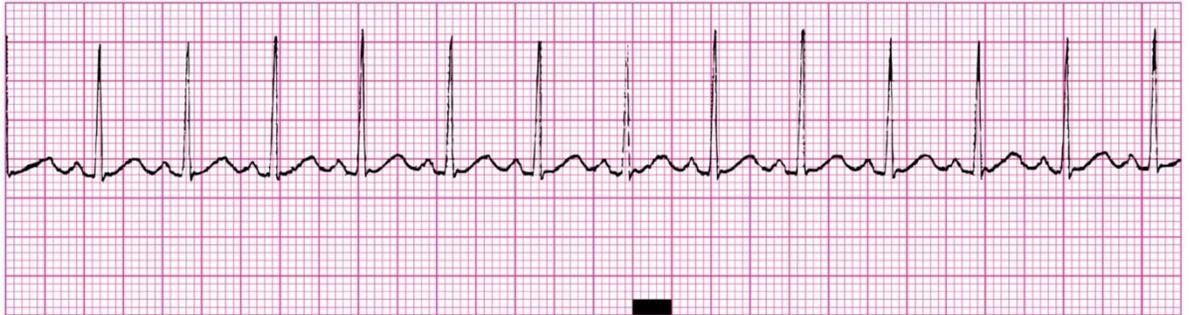
5. Which wave form depicts the time for ventricular depolarization to occur?
 - a. P wave
 - b. PR interval
 - c. QRS
 - d. S-T segment

6. What is the normal range in time for the depolarization of the atria?
 - a. .12-.20 seconds
 - b. Less than .12 seconds
 - c. Greater than .20 seconds
 - d. There are no specific parameters

7. What is the normal range in time for the depolarization of the ventricle?
- a. .12-.20 seconds
 - b. Less than .12 seconds
 - c. Greater than .20 seconds
 - d. There no specific range
8. Venous blood enters the _____ chamber of the heart.
- a. Right atria
 - b. Right ventricle
 - c. Left Atria
 - d. Left Ventricle
9. Arterial blood is delivered to the heart via the _____ .
- a. Pulmonary artery
 - b. Pulmonary vein
 - c. Aorta
 - d. Vena Cava
10. Arterial blood is distributed to the body via the _____ .
- a. Pulmonary artery
 - b. Pulmonary vein
 - c. Aorta
 - d. Vena Cava
11. Circle the "P" waves on this strip



12. Circle the QRS Waves on this strip



13. Circle the S-T Segment in this rhythm strip.



List the 5 characteristics we evaluate when looking at an ECG Rhythm Strip:

14. _____

15. _____

16. _____

17. _____

18. _____

If you are NOT a member of the McHenry Western Lake County EMS System, Please include your address on each optional quiz turned into our office. Our mailing address is: Northwestern Medicine – McHenry Hospital EMS, 4201 Medical Center Drive, McHenry, Illinois 60050. We will forward verification of your continuing education hours to your home address. If you ARE a member of our EMS System, your credit will be added to your Image Trend record. Please refer to Image Trend to see your current list of continuing education credits. Any questions regarding this can be addressed to Cindy Tabert at 224-654-0160. Please scan your quiz to Cindy Tabert by email to cynthia.tabert@nm.org