

Rhythm Strips Analysis for Practice

Practice #1:



1. What is the Rate?
 1. 68 bpm(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex?
 1. Yes; P wave is upright, present, and associated
3. What is the width of the “QRS”?
 1. 0.08 seconds
4. What is the length of the “PR” interval?
 1. 0.20 seconds
5. What is the rhythm?
 1. Normal sinus rhythm
6. Any complications with this rhythm?
 1. No complications
7. What interventions are anticipated?
 1. Assess consciousness, pulses, and color for PEA

Rhythm Strips Analysis for Part I of Intro to EKG

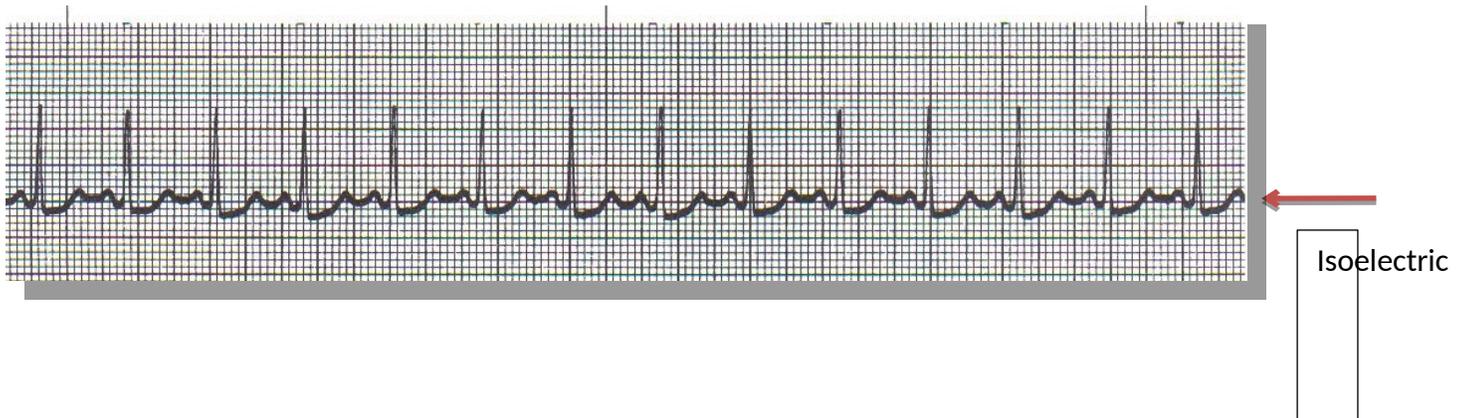
Practice #2



1. What is the Rate?
 1. 71 bpm(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex?
 1. Yes; P wave is present, upright, and associated
3. What is the width of the “QRS”?
 1. 0.08 seconds
4. What is the length of the “PR” interval?
 1. 0.16 seconds
5. What is the rhythm?
 1. Sinus rhythm with T wave inversion
6. Any complications with this rhythm?
 1. Yes; T wave inversion indicates ischemia
7. What interventions are anticipated?
 1. Treat the cause, apply O₂, give a beta blocker and calcium channel blocker. Assess pulses, color, and capillary refill.

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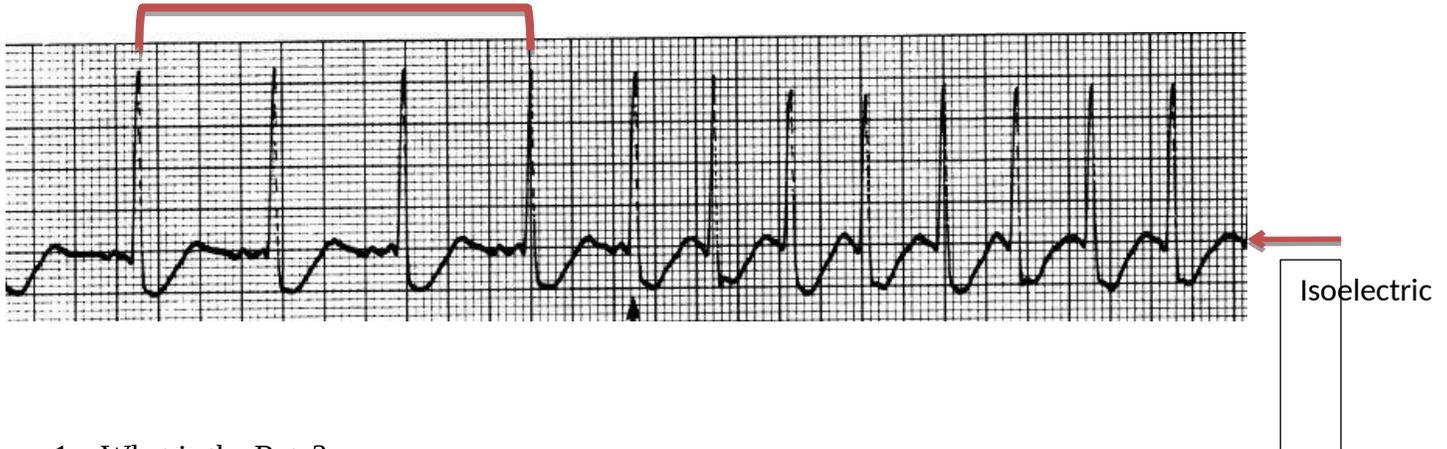
Practice #3



1. What is the Rate?
 1. 125 bpm
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex?
 1. Yes; P wave is present, upright, and associated
3. What is the width of the “QRS”?
 1. 0.08 seconds
4. What is the length of the “PR” interval?
 1. 0.16 seconds
5. What is the rhythm?
 1. Sinus tachycardia
6. Any complications with this rhythm?
 1. Could cause a drop in CO, increase in myocardial oxygen demand, and myocardial ischemia or infarct
7. What interventions are anticipated?
 1. Treat the cause, apply O₂, give 1L of IV fluids NS, vagal maneuver. Assess pulses, color, and capillary refill

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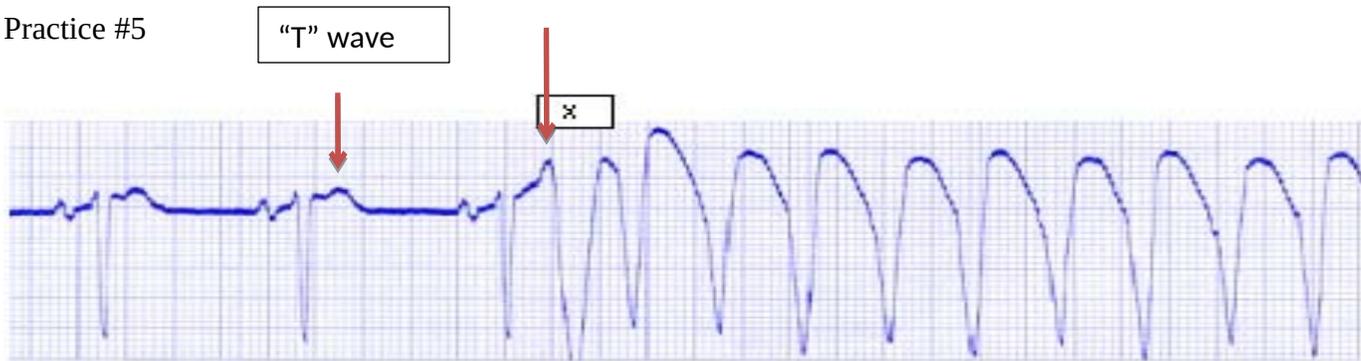
Practice #4



1. What is the Rate?
 1. ~120 bpm; irregular
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex?
 1. No
3. What is the width of the "QRS"?
 1. 0.12 seconds
4. What is the length of the "PR" interval?
 1. Unmeasurable
5. What is the rhythm?
 1. Supraventricular tachycardia or Atrial fibrillation with RVR
6. Any complications with this rhythm?
 1. Drop in CO, increase in myocardial O₂ demand, myocardial ischemia or infarct
7. What interventions are anticipated?
 1. Apply O₂, vagal maneuver, give adenosine, and cardiovert

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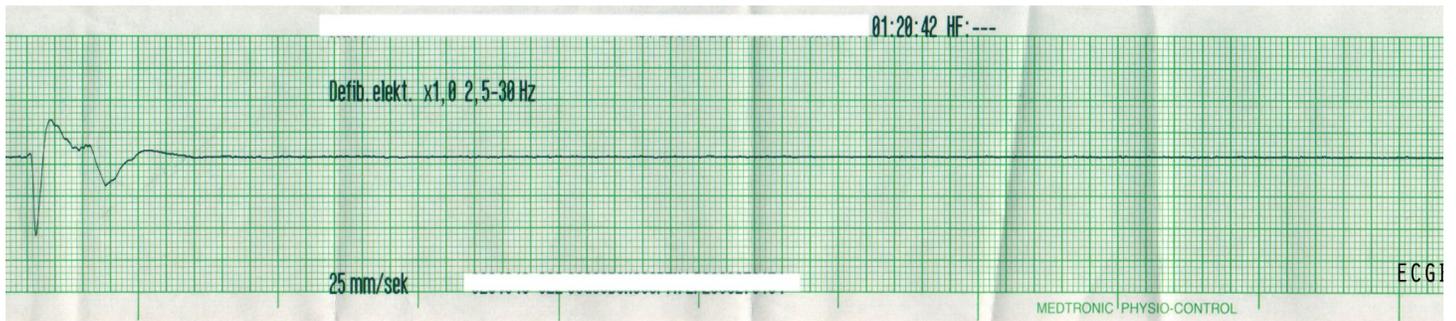
Practice #5



1. What is the Rate?
 1. ~71 bpm before V tach
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex?
 1. No
3. What is the width of the "QRS"?
 1. 0.12 seconds
4. What is the length of the "PR" interval?
 1. 0.16 seconds in beginning
5. What is the rhythm?
 1. Ventricular tachycardia
6. Any complications with this rhythm?
 1. Death
7. What interventions are anticipated?
 1. Vagal maneuver, CPR, ACLS

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Practice #6



1. What is the Rate?
 1. None
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex?
 1. No
3. What is the width of the "QRS"?
 1. Unmeasurable
4. What is the length of the "PR" interval?
 1. Unmeasurable
5. What is the rhythm?
 1. Asystole or Ventricular Standstill
6. Any complications with this rhythm?
 1. Death
7. What interventions are anticipated?
 1. Check leads, assess patient, CPR and ACLS

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #7



1. What is the Rate?
 1. ~100 bpm
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex?
 1. 2:1 or 3:1
3. What is the width of the "QRS"?
 1. 0.12 seconds
4. What is the length of the "PR" interval?
 1. Unidentifiable and variable
5. What is the rhythm?
 1. Atrial flutter
6. Any complications with this rhythm?
 1. Clots, stroke, PE, decreased CO
7. What interventions are anticipated?
 1. Cardioversion, antiarrhythmic, and anticoagulant

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #8



1. What is the Rate?
 1. ~65 bpm
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex?
 1. Yes
3. What is the width of the "QRS"?
 1. 0.16 seconds
4. What is the length of the "PR" interval?
 1. 0.44 seconds
5. What is the rhythm?
 1. First degree AV block with ST elevation
6. Any complications with this rhythm?
 1. Death and myocardial infarction
7. What interventions are anticipated?
 1. Apply O2, give aspirin, nitro, and morphine. Prep for cardiac angiogram



You can do this!