

Rhythm Strips Analysis for Practice

Practice #1:



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **80 bpm**
2. Is there a “P” wave with every “QRS” complex? **Yes**
3. What is the width of the “QRS”? **0.04 seconds**
4. What is the length of the “PR” interval? **0.16**
5. What is the rhythm? **Normal Sinus Rhythm**
6. Any complications with this rhythm? **No**
7. What interventions are anticipated? **Continue to monitor the patient**

Rhythm Strips Analysis for Part I of Intro to EKG

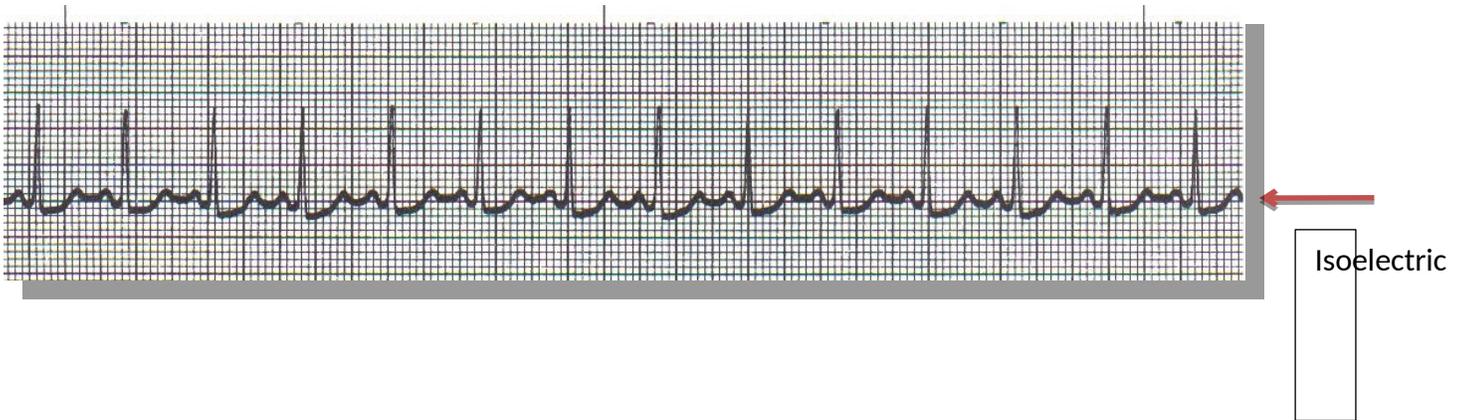
Practice #2



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **80 bpm**
2. Is there a "P" wave with every "QRS" complex? **Yes**
3. What is the width of the "QRS"? **0.04 seconds**
4. What is the length of the "PR" interval? **0.16 seconds**
5. What is the rhythm? **Normal Sinus??**
6. Any complications with this rhythm? **No**
7. What interventions are anticipated? **Continue to monitor**

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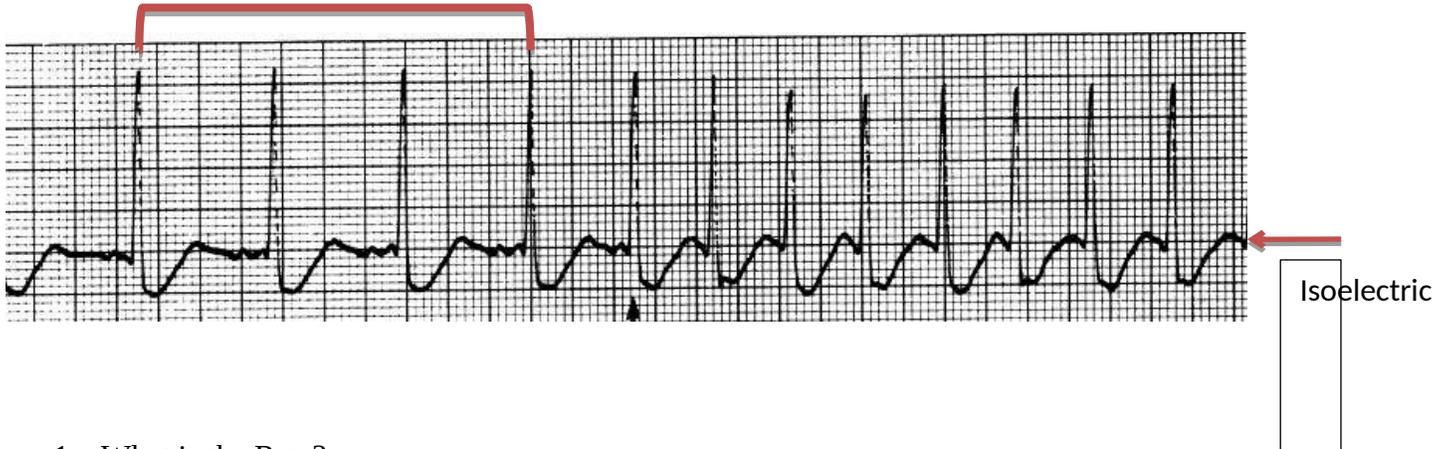
Practice #3



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **140 bpm**
2. Is there a “P” wave with every “QRS” complex? **Yes**
3. What is the width of the “QRS”? **0.04 seconds**
4. What is the length of the “PR” interval? **0.12 seconds**
5. What is the rhythm? **Sinus Tachycardia**
6. Any complications with this rhythm? **Dizziness, dyspnea, hypotension, angina in CAD**
7. What interventions are anticipated? **Guided by cause, vagal maneuver, beta adrenergic blockers**

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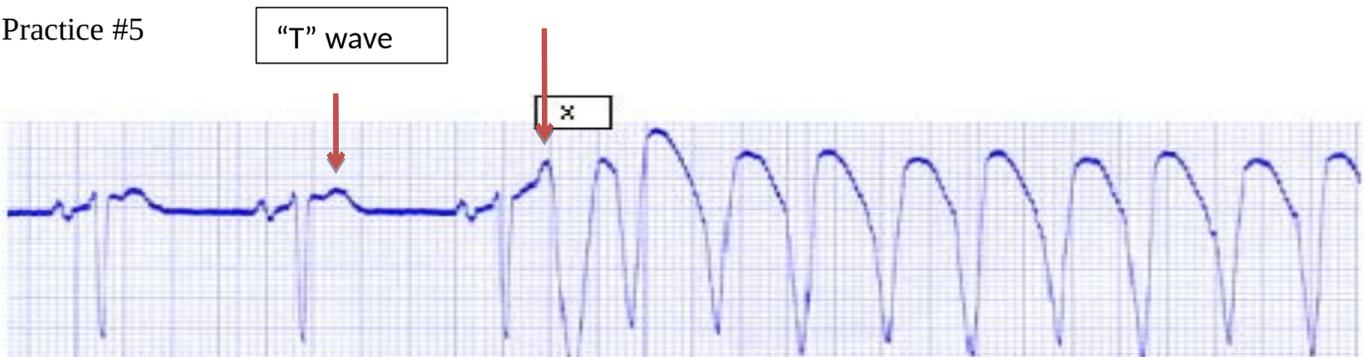
Practice #4



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **120 bpm**
2. Is there a "P" wave with every "QRS" complex? **No**
3. What is the width of the "QRS"? **0.04 seconds**
4. What is the length of the "PR" interval? **0.08 seconds**
5. What is the rhythm? **PSVT**
6. Any complications with this rhythm? **Decreased CO, hypotension, dyspnea, and angina**
7. What interventions are anticipated? **Vagal stimulation, IV adenosine, IV beta blockers, calcium channels blockers, amiodarone, DC cardioversion**

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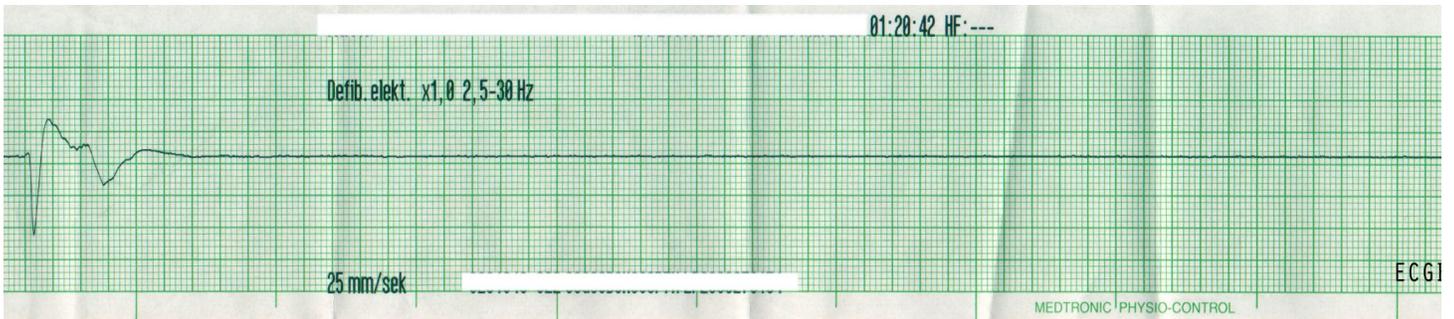
Practice #5



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **130 bpm**
2. Is there a "P" wave with every "QRS" complex? **No**
3. What is the width of the "QRS"? **0.24 seconds**
4. What is the length of the "PR" interval? **0.20 until VT starts**
5. What is the rhythm? **Ventricular Tachycardia**
6. Any complications with this rhythm? **Lethal, decreases CO and could lead to VFib**
7. What interventions are anticipated? **Antidysrhythmics, or cardioversion if pulse. If pulseless CPR with rapid defibrillation.**

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Practice #6



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **0 bpm**
2. Is there a “P” wave with every “QRS” complex? **No**
3. What is the width of the “QRS”? **N/A**
4. What is the length of the “PR” interval? **N/A**
5. What is the rhythm? **Asystole**
6. Any complications with this rhythm? **Lethal**
7. What interventions are anticipated? **CPR, Intubation, and give epinephrine/vasopressin**

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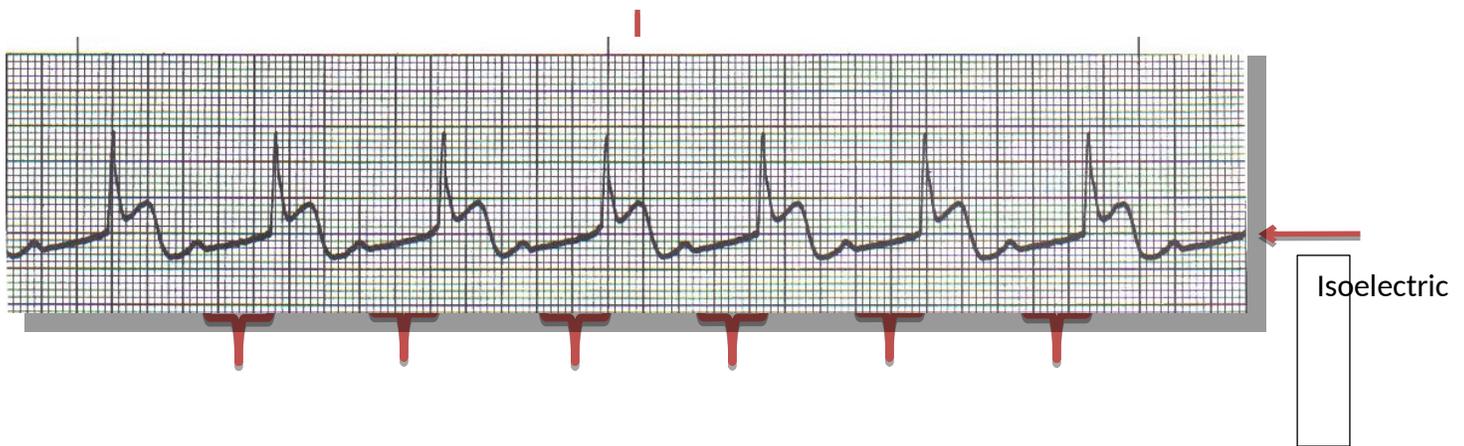
Practice #7



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **100 bpm**
2. Is there a “P” wave with every “QRS” complex? **No**
3. What is the width of the “QRS”? **0.08 seconds**
4. What is the length of the “PR” interval? **Not measurable**
5. What is the rhythm? **Atrial Flutter**
6. Any complications with this rhythm? **Decreased cardiac output that could lead to heart failure, also there is an increased risk of stroke.**
7. What interventions are anticipated? **Electrical cardioversion, radiofrequency catheter ablation, and medications such as warfarin, also calcium channel blockers, beta blockers. Could use antidysrhythmics.**

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Practice #8



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R) **70 bpm**
2. Is there a "P" wave with every "QRS" complex? **Yes**
3. What is the width of the "QRS"? **0.12**
4. What is the length of the "PR" interval? **0.4 seconds**
5. What is the rhythm? **Myocardial infarction due to ST elevation**
6. Any complications with this rhythm? **Yes, asystole of MI**
7. What interventions are anticipated? **Medications, O2, Cath lab**



You can do this!