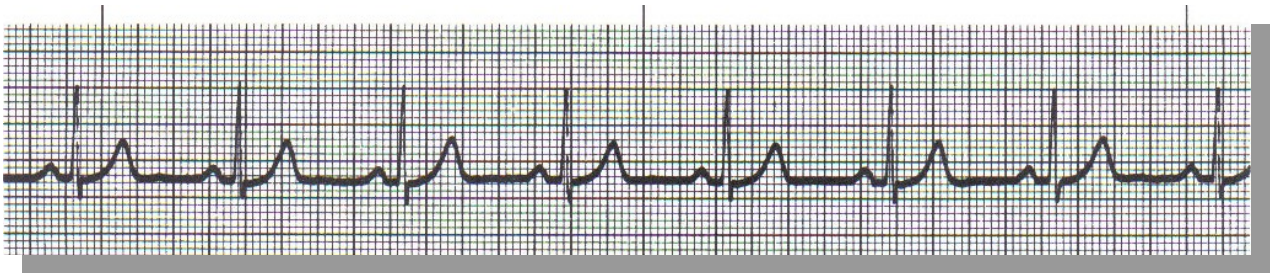
Rhythm Strips Analysis for Practice

Practice #1:



1. What is the Rate? 60
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex? yes
3. What is the width of the “QRS”? 0.08
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? Check for pulses, if they are arousable – continue to monitor

   No pulse – CPR

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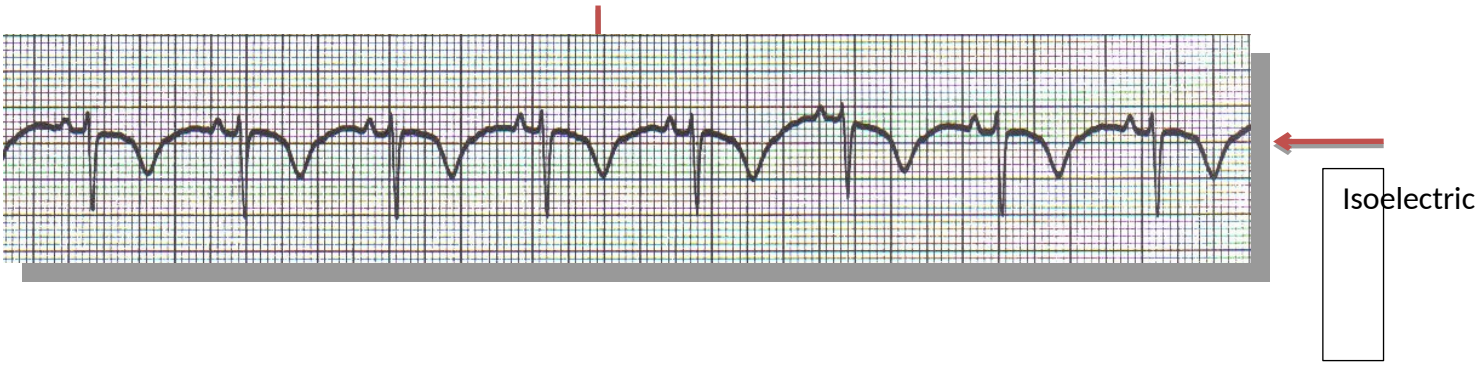
Practice #2



1. What is the Rate? 80
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex? yes
3. What is the width of the “QRS”? 0.08
4. What is the length of the “PR” interval? 0.16
5. What is the rhythm? Something with a T wave inversion OR Ventricular Bigeminy
6. Any complications with this rhythm? Can be life threatening to a patient with a. sick heart
7. What interventions are anticipated? Oxygen, Drug, Assessment of hemodynamic status

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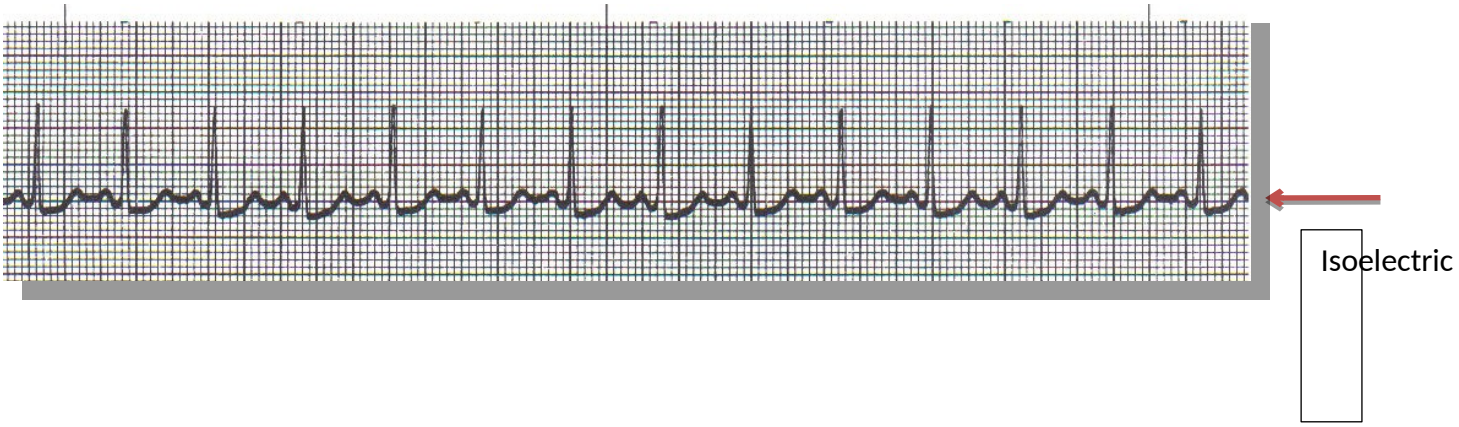
Practice #3



1. What is the Rate? 120
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? yes
3. What is the width of the "QRS"? 0.08
4. What is the length of the "PR" interval? 0.08
5. What is the rhythm? Sinus Tachycardia
6. Any complications with this rhythm? Symptomatic – need to do something
7. What interventions are anticipated? Beta Blockers, Calcium Channel Blockers, Oxygen

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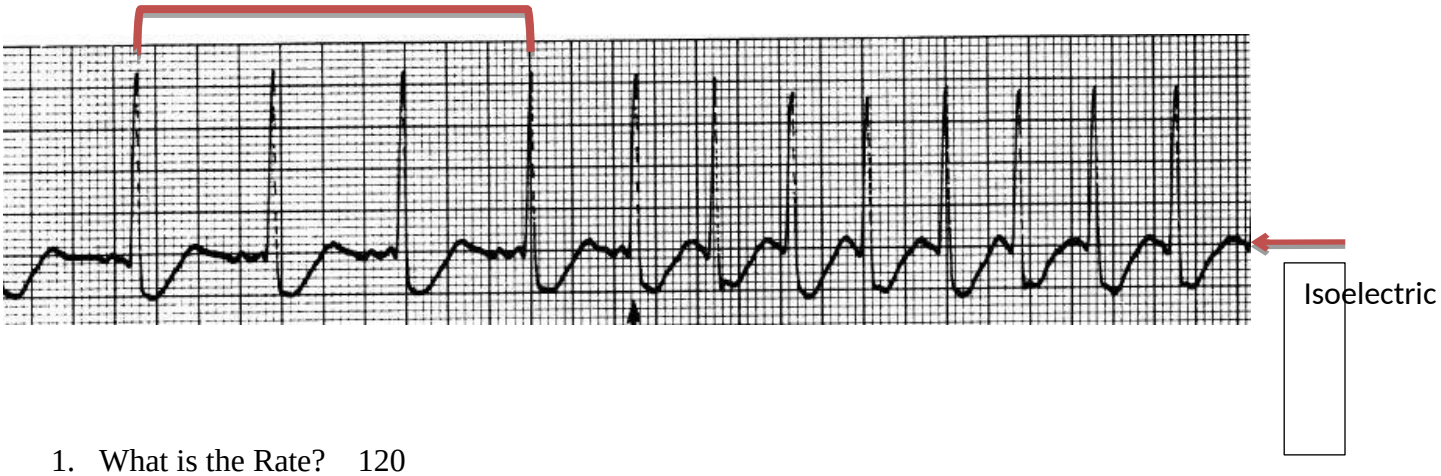
Practice #4



1. What is the Rate? 120
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex? No, P wave is hidden
3. What is the width of the “QRS”? 0.04
4. What is the length of the “PR” interval? 0.12
5. What is the rhythm? Supraventricular Tachycardia
6. Any complications with this rhythm? Sometimes followed by asystole
7. What interventions are anticipated? Adenosine, Beta blockers, Calcium Channel Blockers

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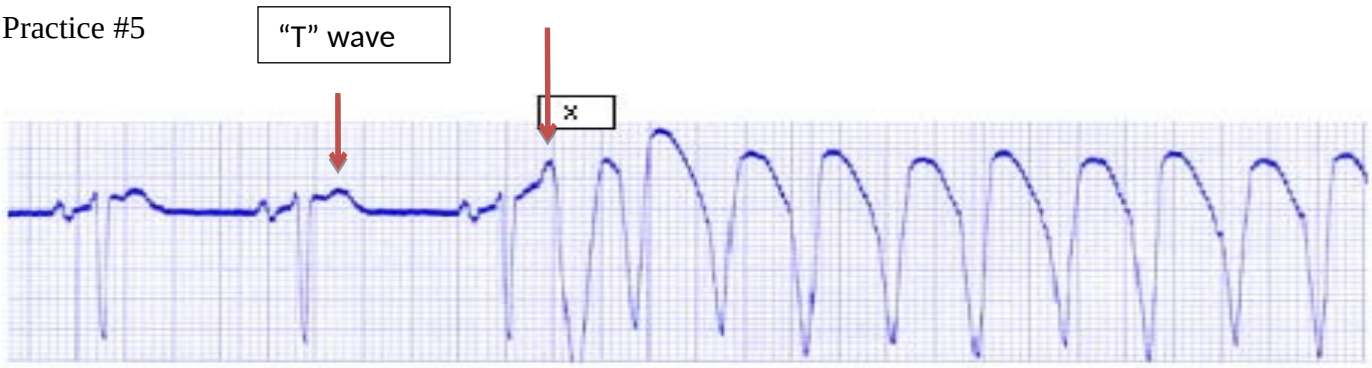
Practice #5



1. What is the Rate? 130
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? No
3. What is the width of the "QRS"? 0.32
4. What is the length of the "PR" interval? Not measurable
5. What is the rhythm? Ventricular Tachycardia
6. Any complications with this rhythm? Lethal rhythm
7. What interventions are anticipated? Cath Lab, CPR

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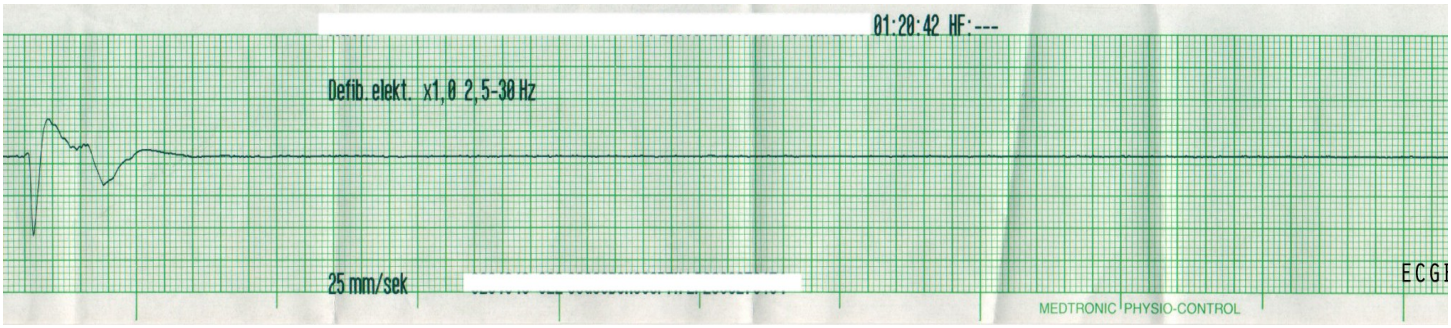
Practice #6



1. What is the Rate? NA
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex? NA
3. What is the width of the “QRS”? NA
4. What is the length of the “PR” interval? NA
5. What is the rhythm? Asystole
6. Any complications with this rhythm? Lethal
7. What interventions are anticipated? CPR, drug therapy

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Practice #7

1. What is the Rate? 100
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a “P” wave with every “QRS” complex? yes
3. What is the width of the “QRS”? 0.04
4. What is the length of the “PR” interval? Not measurable
5. What is the rhythm? Atrial Flutter
6. Any complications with this rhythm? Increased risk of stroke
7. What interventions are anticipated? Beta Blockers, Calcium channel blockers, Radiofrequency catheter ablation

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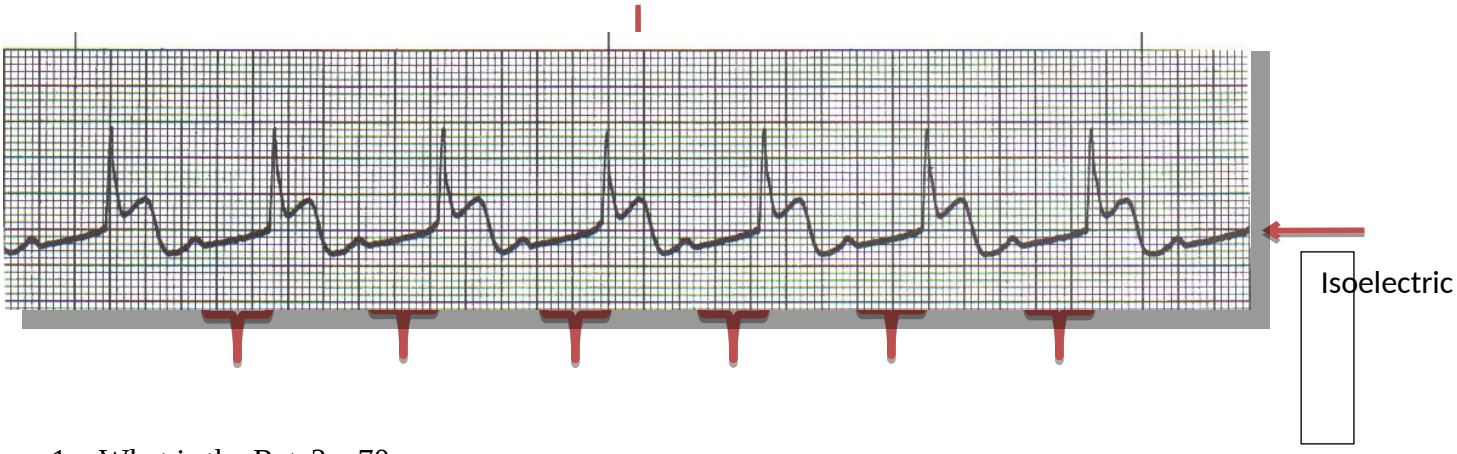
Practice #8



1. What is the Rate? 70
   (Look at the atrial rate: P-P or ventricular rate: R-R)
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? 0.48
5. What is the rhythm? First degree AV block
6. Any complications with this rhythm? No
7. What interventions are anticipated? No treatment, Monitor patients

You can do this!