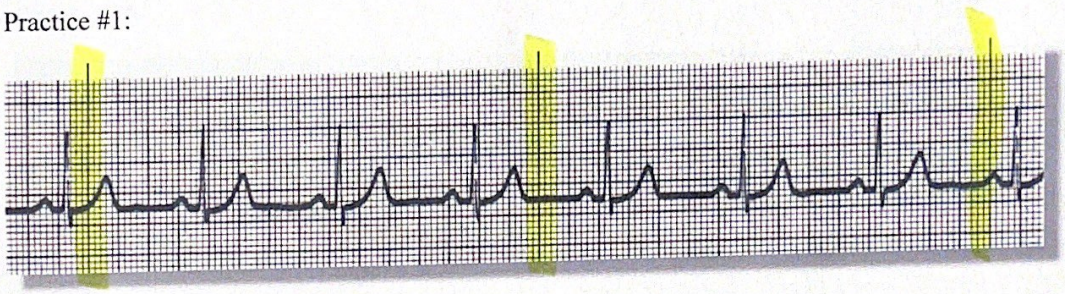
Rhythm Strips Analysis for Practice

Practice #1:



1. What is the Rate? 65 bpm
   (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"? normal QRS duration is 0.04 - 0.10 s (1-2 1/2 small boxes)
   0.08 sec
4. What is the length of the "PR" interval? normal PR interval is 0.12-0.20 s (3-5 small boxes or 1 large box)
   0.16 sec
5. What is the rhythm?
   normal
6. Any complications with this rhythm? no
7. What interventions are anticipated?
   - assessing pulses, cap refill, color + temp, BP
   - possibility for PEA

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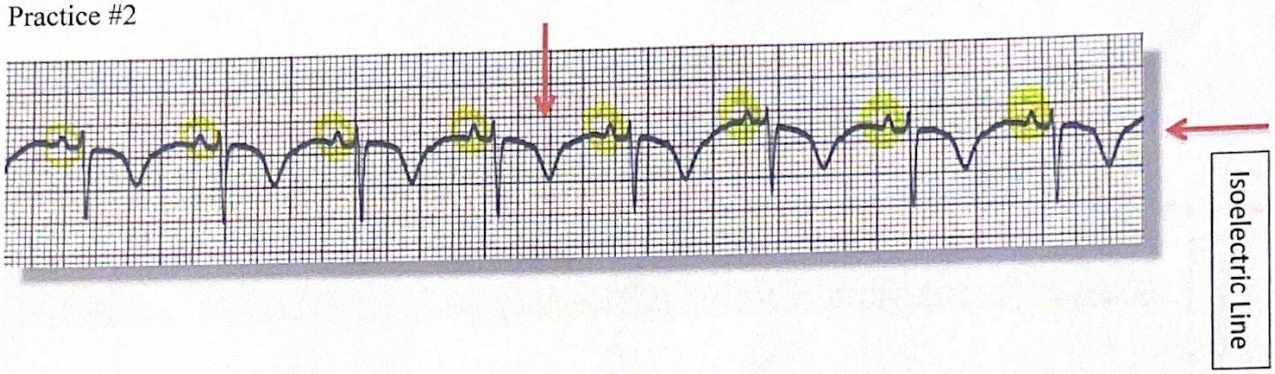
Practice #2



1. What is the Rate? 71 bpm
   (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 sec
4. What is the length of the "PR" interval? 0.12 sec
5. What is the rhythm? Sinus rhythm with inverted T wave
6. Any complications with this rhythm? Ischemia + possible injury/infarction
7. What interventions are anticipated? assessment, labs, O2, EKG, notify Dr

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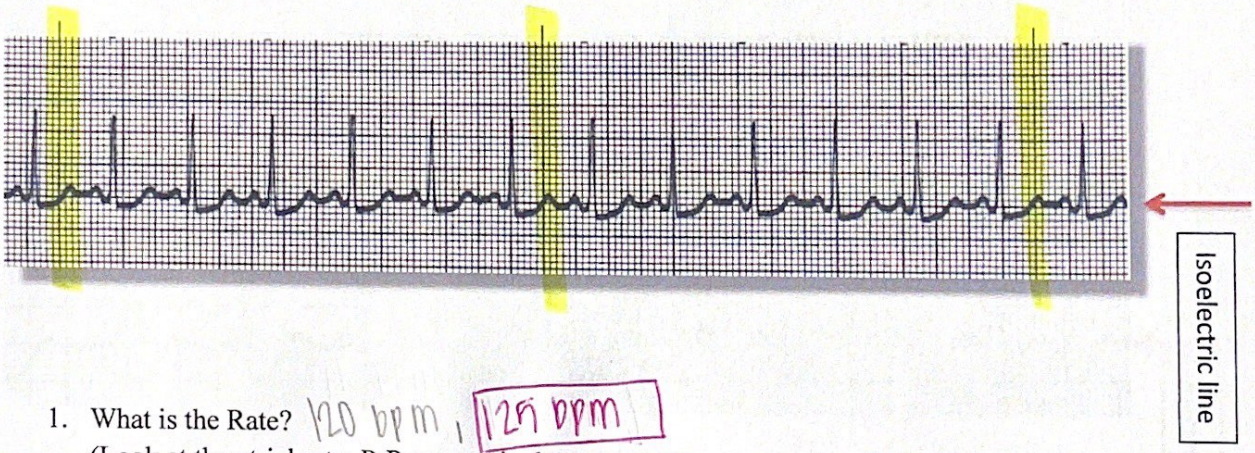
Practice #3



1. What is the Rate? 120 bpm, 125 bpm
   (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 sec
4. What is the length of the "PR" interval? 0.12 sec
5. What is the rhythm? Sinus tachycardia with slightly depressed ST
6. Any complications with this rhythm? loss of atrial kick + loss of filling time
7. What interventions are anticipated? Treat initial cause

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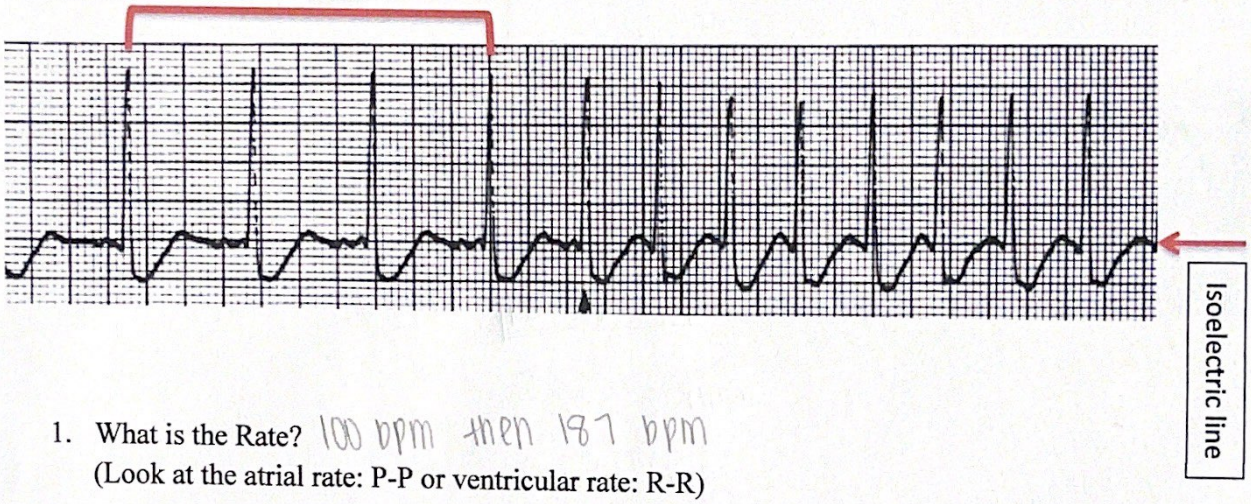
Practice #4



1. What is the Rate? 100 bpm then 187 bpm
   (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"? 0.08 sec
4. What is the length of the "PR" interval? not a PR interval
5. What is the rhythm? Paroxysmal atrial fibrillation with RVR
6. Any complications with this rhythm? loss of atrial kick, ↓ CO, ↓ perfusion
7. What interventions are anticipated? drugs or synchronized cardioversion if pt is unstable

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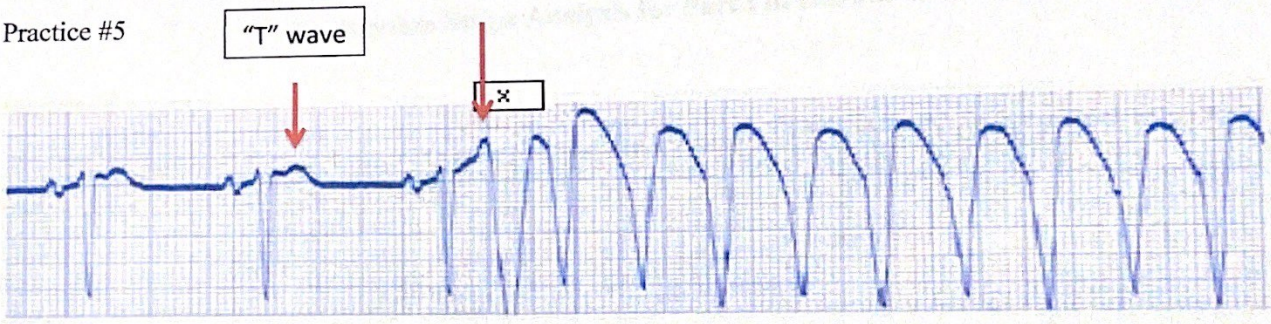
Practice #5



1. What is the Rate? 75 bpm
   (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 then 0.32 sec
4. What is the length of the "PR" interval? 0.20 sec
5. What is the rhythm? R on T VTach
6. Any complications with this rhythm? loss of CO, loss of perfusion, low SBP
7. What interventions are anticipated? if unstable, BLS, ACLS protocol
   if stable, vagal maneuver

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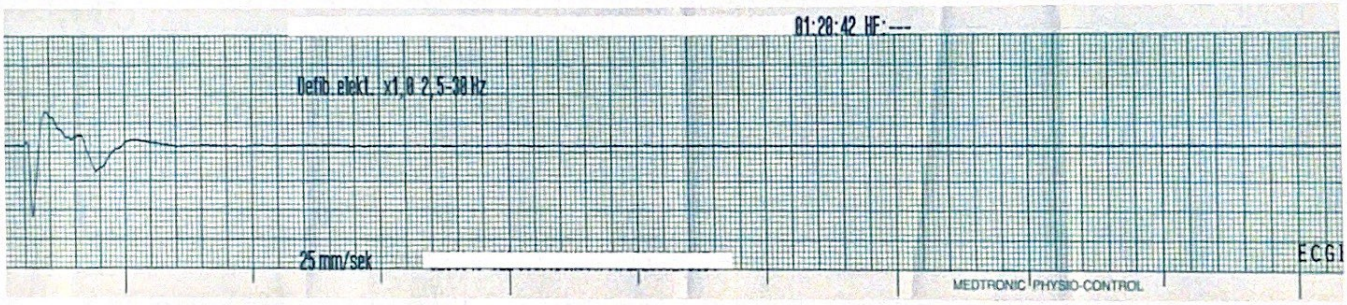
Practice #6



1. What is the Rate? not a rate
   (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"? 0.16 sec then 240ms
4. What is the length of the "PR" interval? not a PR interval
5. What is the rhythm? asystole
6. Any complications with this rhythm? death
7. What interventions are anticipated? CPR

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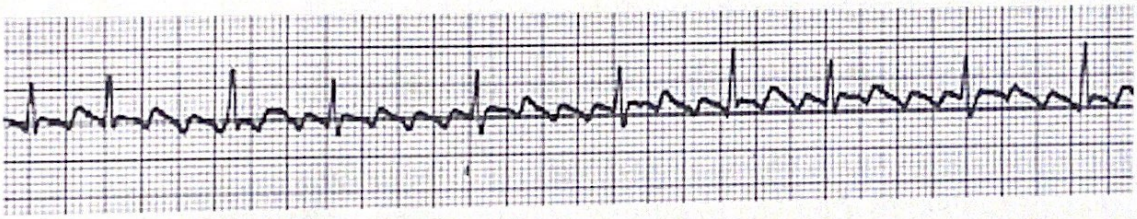
Practice #7



1. What is the Rate? 100 bpm
   (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"? 0.08 sec
4. What is the length of the "PR" interval? not a PR interval
5. What is the rhythm? atrial flutter
6. Any complications with this rhythm? ↓ CO, thrombus, emboli, CVA, PE
7. What interventions are anticipated? synchronized cardioversion if unstable, if stable, anticoagulation therapy

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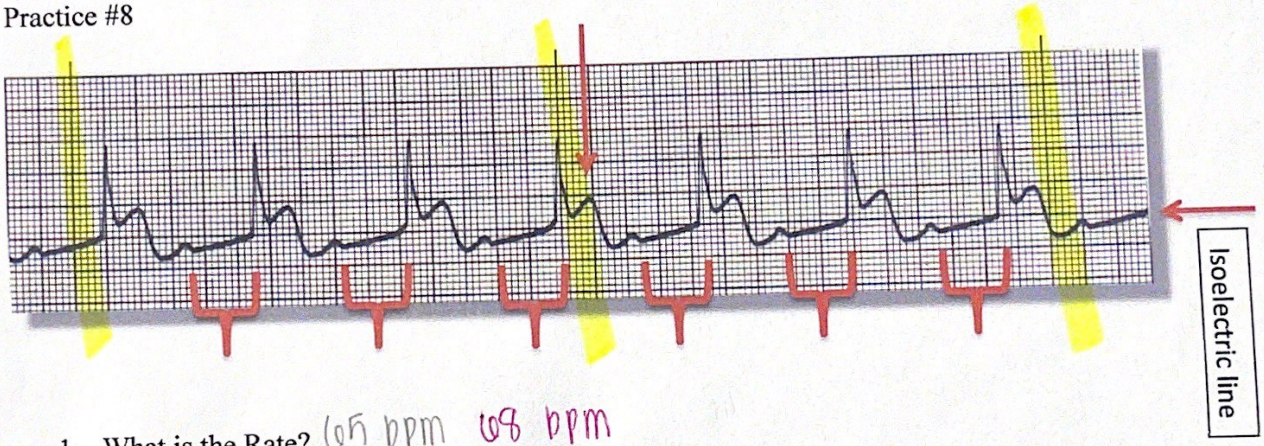
Practice #8



1. What is the Rate? 65 bpm 68 bpm
   (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 sec 0.16 sec
4. What is the length of the "PR" interval? 0.48 sec
5. What is the rhythm? 1st degree AV heart block + ST elevation - MI
6. Any complications with this rhythm? ST elevation is bad - can lead to death
7. What interventions are anticipated? MONA protocol, cath lab procedure