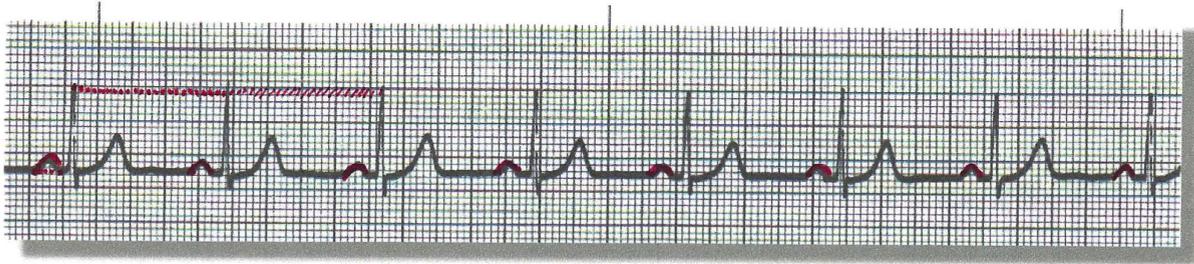


Rhythm Strips Analysis for Practice

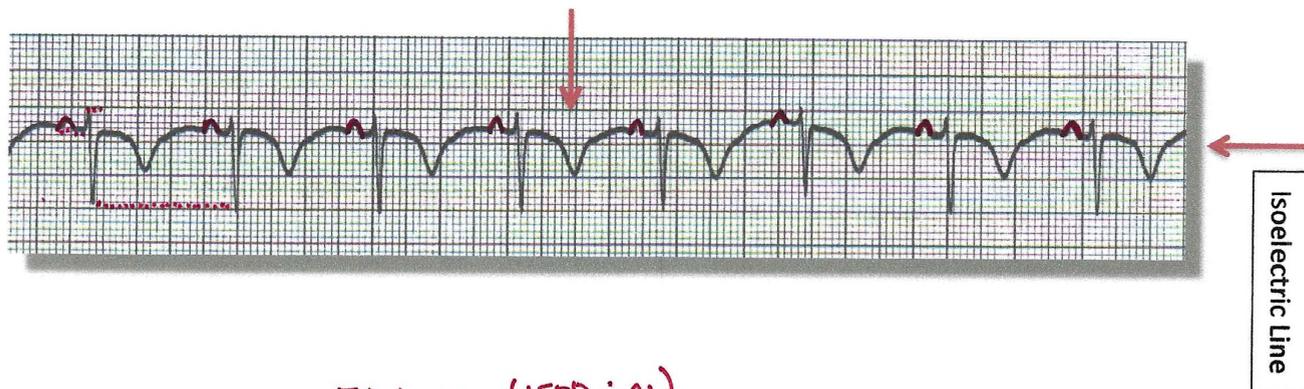
Practice #1:



1. What is the Rate? **65 bpm (1500 ÷ 23 small boxes)**
(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 normal**
4. What is the length of the "PR" interval? **0.14 sec, normal**
5. What is the rhythm? **Normal Sinus Rhythm**
6. Any complications with this rhythm? **No**
7. What interventions are anticipated? **Assess patient's pulse, capillary refill, blood pressure, skin temperature, + color.**

Rhythm Strips Analysis for Part I of Intro to EKG

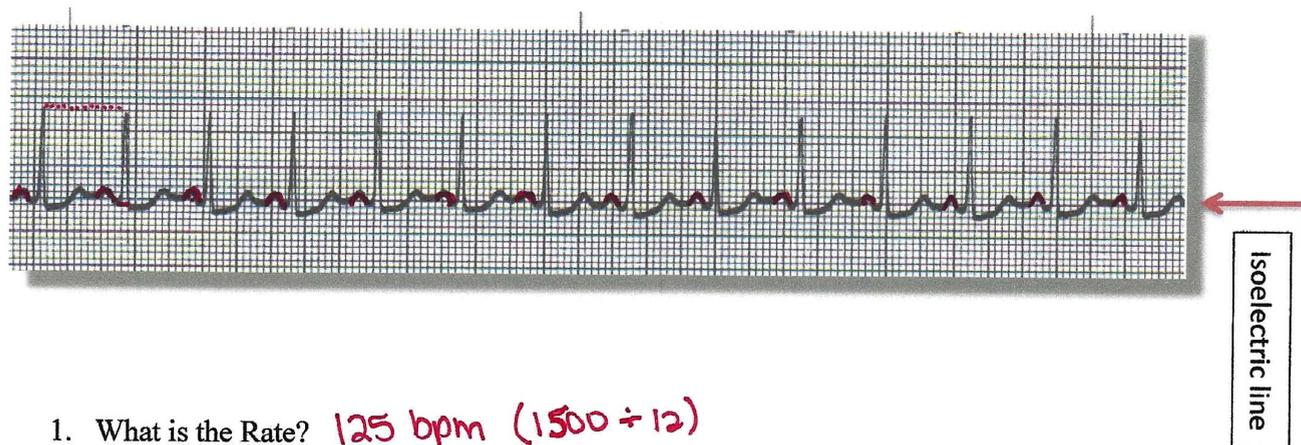
Practice #2



1. What is the Rate? **71 bpm (1500 ÷ 21)**
(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 (3 small boxes) normal**
4. What is the length of the "PR" interval? **0.16 sec (4 small boxes) normal**
5. What is the rhythm? **Sinus Rhythm with inverted T wave**
6. Any complications with this rhythm? **Ischemia**
7. What interventions are anticipated? **Apply O₂, notify physician, focused cardiac assessment, draw labs**

Rhythm Strips Analysis for Part I of Intro to EKG

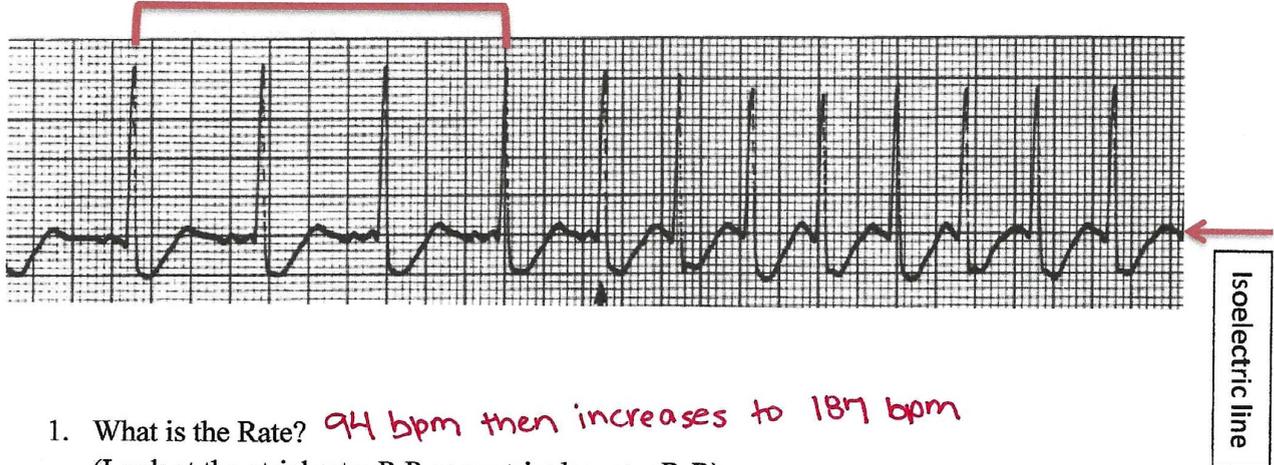
Practice #3



1. What is the Rate? **125 bpm (1500 ÷ 12)**
(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 (2 boxes) normal**
4. What is the length of the "PR" interval? **0.12 seconds (3 boxes) normal**
5. What is the rhythm? **Sinus Tachycardia**
6. Any complications with this rhythm? **Depends on patient's tolerance to ↑ HR. If symptomatic, patient may feel dizzy, dyspnea, hypotension, Angina in patients with CAD.**
7. What interventions are anticipated? **Treat cause, if patient stable → vagal maneuver, β-adrenergic blockers, ~~and~~ adenosine, or calcium channel blockers. If patient unstable → synchronized cardioversion**

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #4

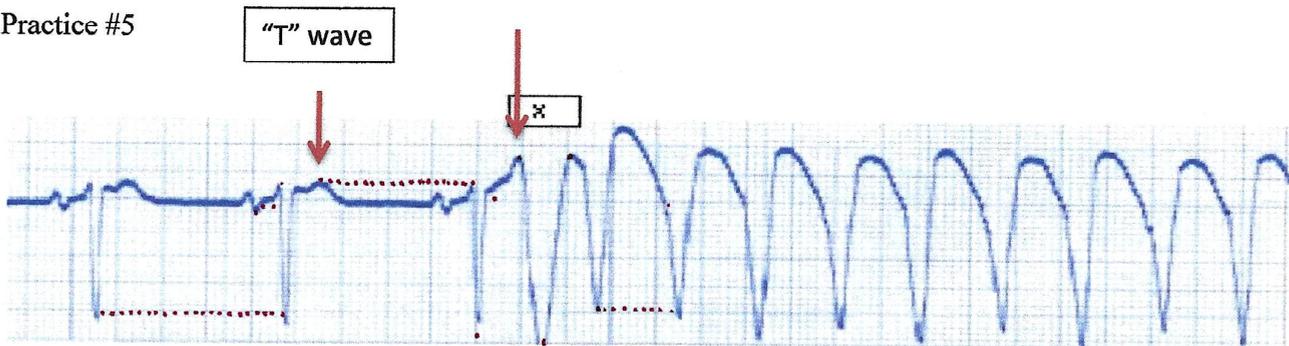


1. What is the Rate? *94 bpm then increases to 187 bpm*
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? *NO*
3. What is the width of the "QRS"? *0.08 sec*
4. What is the length of the "PR" interval? *NOT measurable*
5. What is the rhythm? *Atrial fibrillation w/ Rapid Ventricular Response*
6. Any complications with this rhythm? *Decreased cardiac output because of ineffective atrial contractions and increase risk of stroke due to blood stasis.*
7. What interventions are anticipated?

If patient hemodynamically stable, the goal is to decrease the ventricular response to < 100 bpm. Antiarrhythmic drugs, such as amiodarone and Ibutilide. Anticoagulants possible. If patient hemodynamically unstable, Electrical cardioversion.

Rhythm Strips Analysis for Part I of Intro to EKG

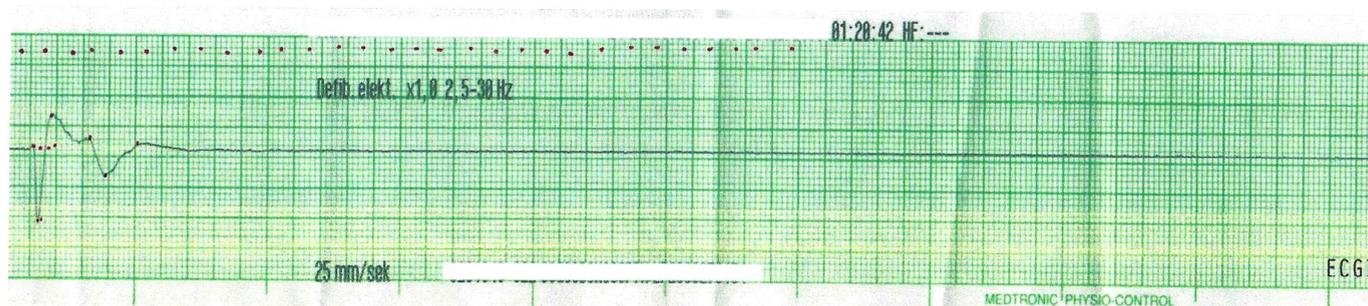
Practice #5



1. What is the Rate? *71 bpm then vtach*
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? *At the beginning yes*
3. What is the width of the "QRS"? *wide and distorted ; 0.08 sec then 0.32 sec*
4. What is the length of the "PR" interval? *not measurable*
5. What is the rhythm? *R-on-T phenomenon ^{vtach} ~~vtach polymor~~*
6. Any complications with this rhythm? *Decrease cardiac output , angina , and can cause HF.*
7. What interventions are anticipated? *Patient hemodynamically unstable initiate BLS/ACLS protocol → CPR and rapid defibrillation. If patient is stable, treat w/ antidysrhythmic drugs.*

Rhythm Strips Analysis for Part I of Intro to EKG

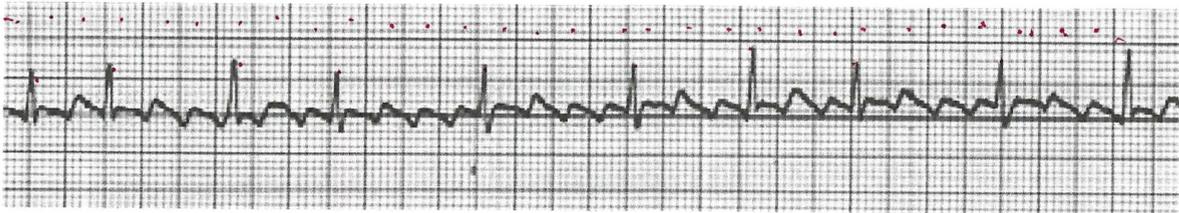
Practice #6



1. What is the Rate? **NO rate** → assess patient and assess in more than one lead
(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 seconds then asystole**
4. What is the length of the "PR" interval? **NO**
5. What is the rhythm? **Asystole**
6. Any complications with this rhythm? **Death**
7. What interventions are anticipated? **immediate CPR and ACLS measures**

Rhythm Strips Analysis for Part I of Intro to EKG

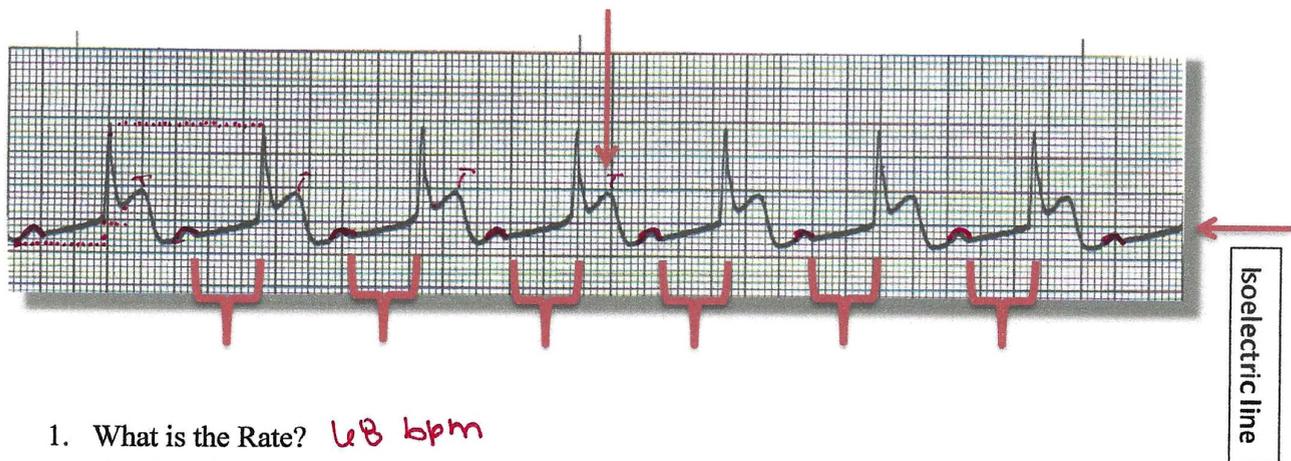
Practice #7



1. What is the Rate? **90 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 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 → HF + ↑ risk of stroke**
7. What interventions are anticipated? **calcium channel blockers, B adrenergic blockers, anti-dysrhythmic, Electrical cardioversion.**
Radiofrequency ablation treatment of choice

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #8



1. What is the Rate? *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"? *0.11 seconds abnormal*
4. What is the length of the "PR" interval? *0.54 seconds abnormal*
5. What is the rhythm? *First-degree AV Block + ST elevation*
6. Any complications with this rhythm? *Most first-degree AV block benign, but the ST elevation is infarction.*
7. What interventions are anticipated? *Call physician, administer morphine, Nitro, Aspirin, apply O2 and send to cath lab or surgery asap.*