

## 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"? 2 small squares
4. What is the length of the "PR" interval? 4 small squares
5. What is the rhythm? Normal Sinus Rhythm
6. Any complications with this rhythm? No
7. What interventions are anticipated? Check Pulse for Pulseless Electrical Activity, Vitals – BP, Temp, Cap refill

## Rhythm Strips Analysis for Part I of Intro to EKG

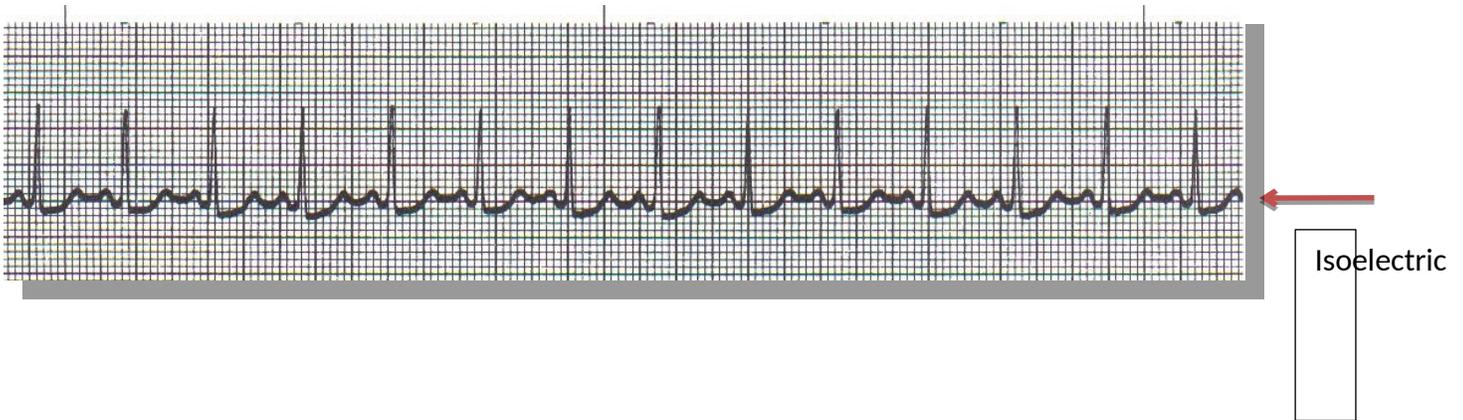
### Practice #2



1. What is the Rate? 70 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"? 0.08s
4. What is the length of the "PR" interval? 0.12s
5. What is the rhythm? Sinus Rhythm with inverted I wave
6. Any complications with this rhythm? ischemia
7. What interventions are anticipated? Adm o2, notify hcp, put them on a 12 lead EKG, cardiac assessment

## Rhythm Strips Analysis for Part I of Intro to EKG

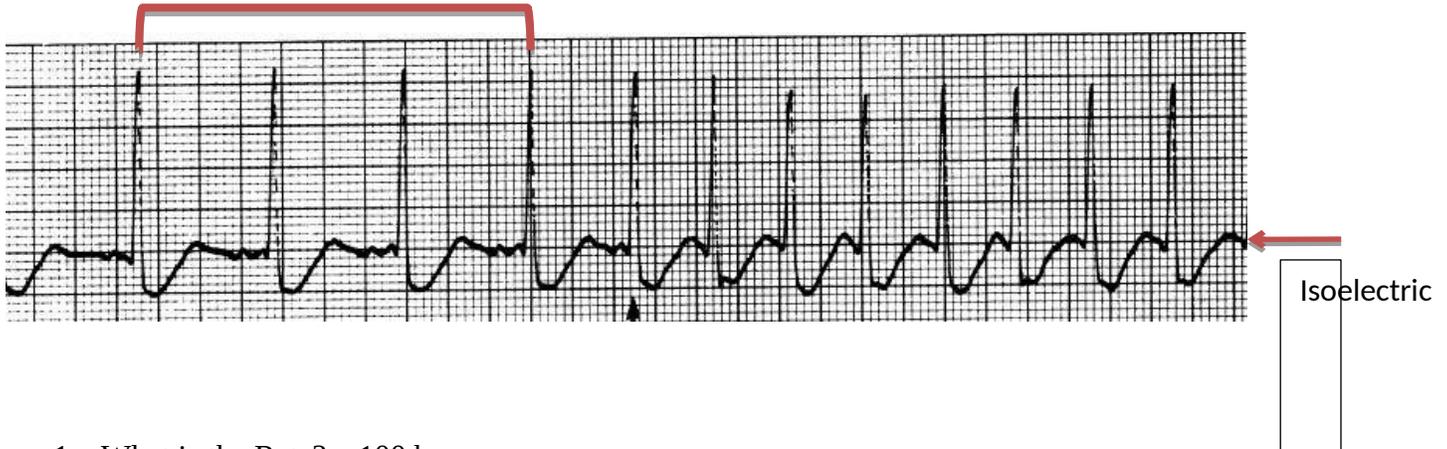
### Practice #3



1. What is the Rate? 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"? 0.08s
4. What is the length of the "PR" interval? 0.12s
5. What is the rhythm? Sinus Tachycardia with slightly depressed ST
6. Any complications with this rhythm? Injury or ischemia
7. What interventions are anticipated? Treat cause – anxiety, hypovolemia

## Rhythm Strips Analysis for Part I of Intro to EKG

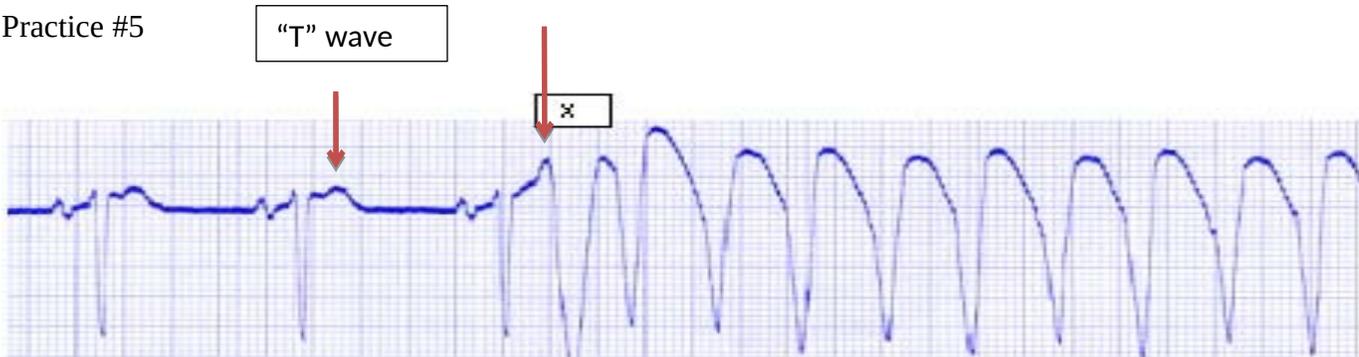
### Practice #4



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? Early on, no. Later in the strip it looks like a blend of the T wave
3. What is the width of the “QRS”? 0.08
4. What is the length of the “PR” interval? None
5. What is the rhythm? Atrial Fibrillation with rapid ventricular response
6. Any complications with this rhythm? Decreased cardiac output, low perfusion, loss of atrial kick
7. What interventions are anticipated? Stable – medications – amiodarone
8. Unstable – synchronized cardioversion

## Rhythm Strips Analysis for Part I of Intro to EKG

Practice #5

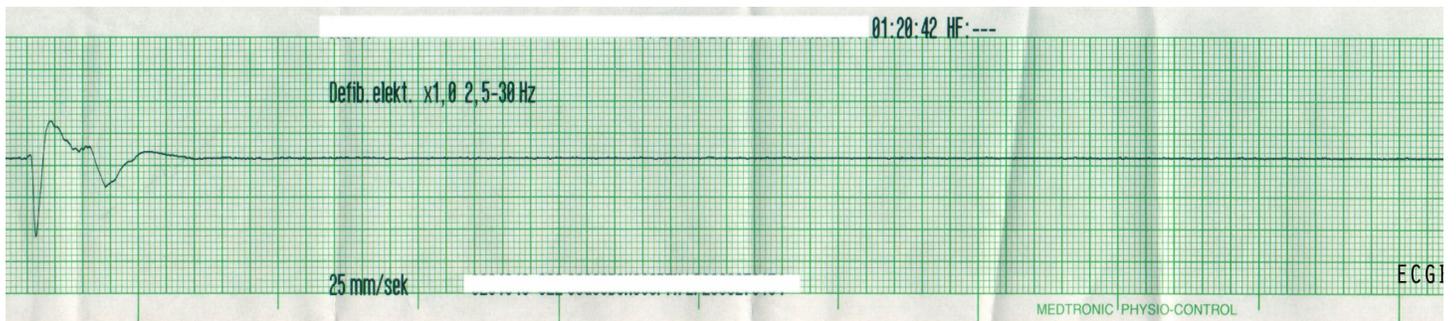


1. What is the Rate? 77 bpm then V tach after R on T phenomenon  
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? Beginning, yes
3. What is the width of the "QRS"? beginning – 0.08s
4. What is the length of the "PR" interval? Beginning .20s
5. What is the rhythm? V Tach with R on T phenomenon
6. Any complications with this rhythm? Loss of cardiac output, low perfusion, low SBP
7. What interventions are anticipated? Unstable – BLS/ACLS

STABLE – Vagal maneuver

## Rhythm Strips Analysis for Part I of Intro to EKG

### Practice #6



1. What is the Rate? none  
(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"? beginning – 0.16s
4. What is the length of the "PR" interval? None
5. What is the rhythm? asystole
6. Any complications with this rhythm? death
7. What interventions are anticipated? BLS/ACLS protocol, CPR

## Rhythm Strips Analysis for Part I of Intro to EKG

### Practice #7



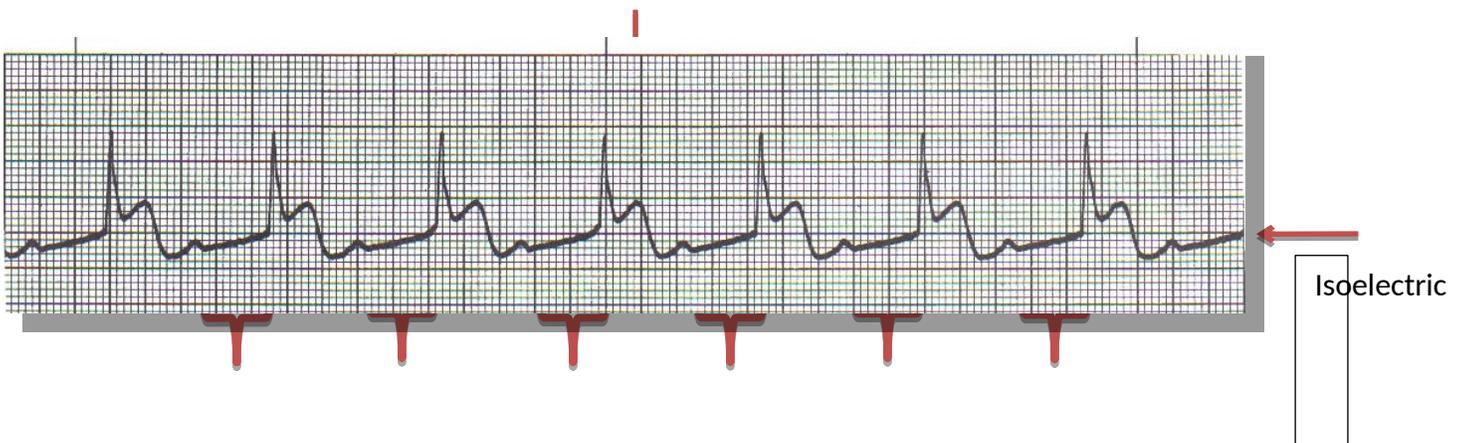
1. What is the Rate? 100 bpm  
(Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? No, saw waves
3. What is the width of the "QRS"? 0.08s
4. What is the length of the "PR" interval? None
5. What is the rhythm? Atrial flutter
6. Any complications with this rhythm? Dec cardiac output, thrombus, emboli, CVA, pulmonary embolus
7. What interventions are anticipated?

Unstable – synchronized cardioversion

Stable - Anticoagulation meds

## Rhythm Strips Analysis for Part I of Intro to EKG

### Practice #8



1. What is the Rate? 70 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"? 0.16s
4. What is the length of the "PR" interval? 0.48s
5. What is the rhythm? Myocardial Infarction - Sinus Rhythm with 1<sup>st</sup> degree AV block and ST elevation
6. Any complications with this rhythm? Myocardial Infarction = death. Notify HCP
7. What interventions are anticipated? MONA, Deliver to cath lab



You can do this!