

Rhythm Strips Analysis for Practice

Practice #1:



1. What is the Rate? 70 bpm
(R-R)
2. Is there a “P” wave with every “QRS” complex? yes
3. What is the width of the “QRS”? 0.08s / 2 boxes
4. What is the length of the “PR” interval? 0.16s / 4 boxes
5. What is the rhythm? Normal sinus rhythm
6. Any complications with this rhythm? **No**
7. What interventions are anticipated? None. Continue assessing and monitoring.

Rhythm Strips Analysis for Part I of Intro to EKG

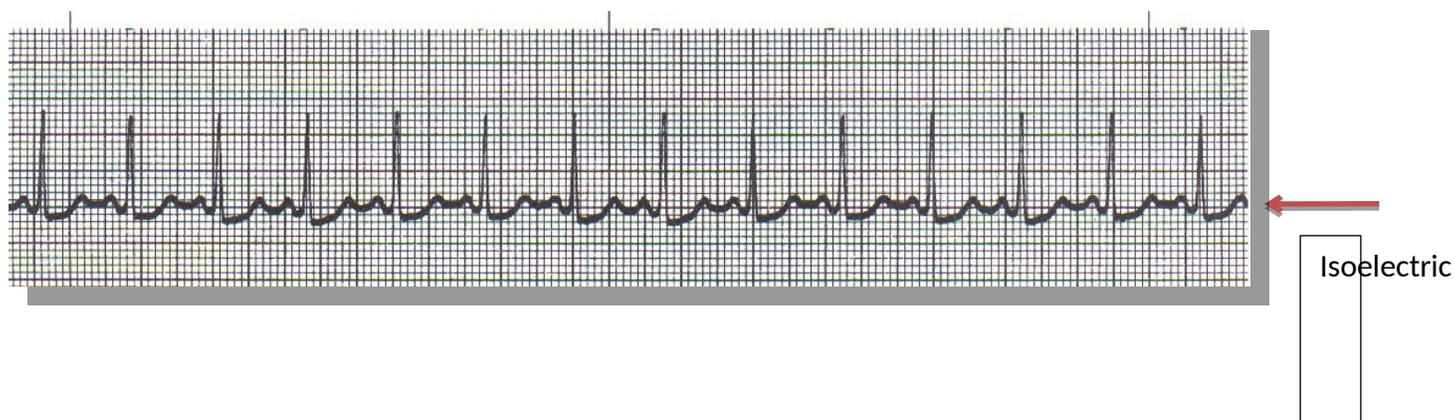
Practice #2



1. What is the Rate? 70 bpm
(R-R)
2. Is there a "P" wave with every "QRS" complex? yes
3. What is the width of the "QRS"? 0.08 s
4. What is the length of the "PR" interval? 0.12 s
5. What is the rhythm? Sinus rhythm with inverted T wave
6. Any complications with this rhythm? Ischemia, injury, infarction
7. What interventions are anticipated? Cardiac assessment, EKG, call physician

Rhythm Strips Analysis for Part I of Intro to EKG

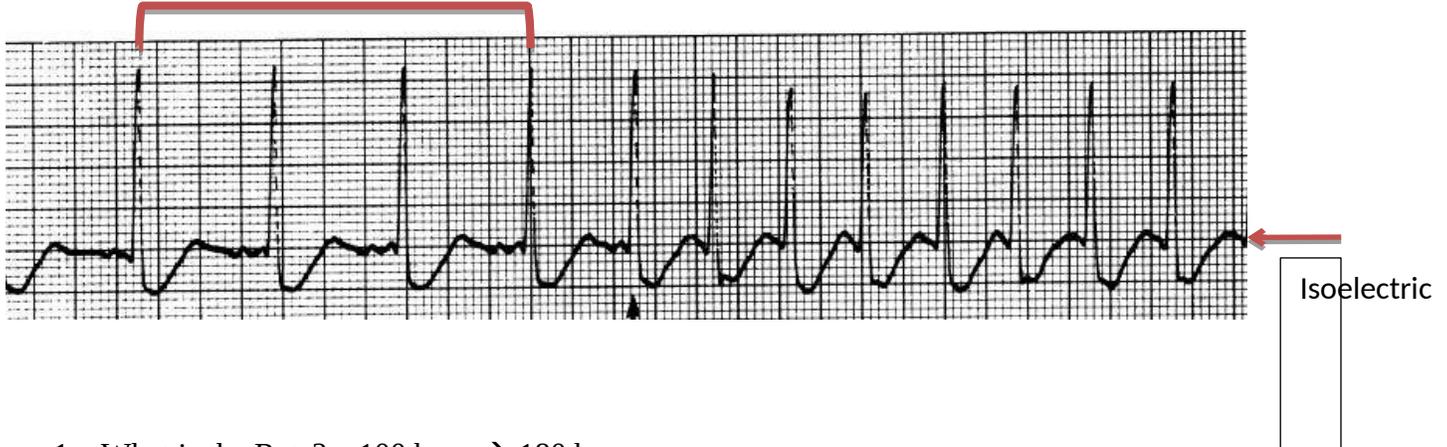
Practice #3



1. What is the Rate? 130 bpm
(R-R)
2. Is there a "P" wave with every "QRS" complex? yes
3. What is the width of the "QRS"? 0.08 s
4. What is the length of the "PR" interval? 0.12 s
5. What is the rhythm? Sinus tachycardia with depressed ST
6. Any complications with this rhythm? Loss of filling time
7. What interventions are anticipated? Treat cause (fever, pain, fear, anxiety, hypovolemia)

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #4



1. What is the Rate? 100 bpm \rightarrow 180 bpm (R-R)
2. Is there a "P" wave with every "QRS" complex? no
3. What is the width of the "QRS"? 0.08 s
4. What is the length of the "PR" interval? N/A
5. What is the rhythm? Paroxysmal atrial fibrillation with RVR
6. Any complications with this rhythm? Decreased cardiac output, low perfusion
7. What interventions are anticipated? Stable = antiarrhythmic drug

Unstable = synchronized cardioversion

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #5

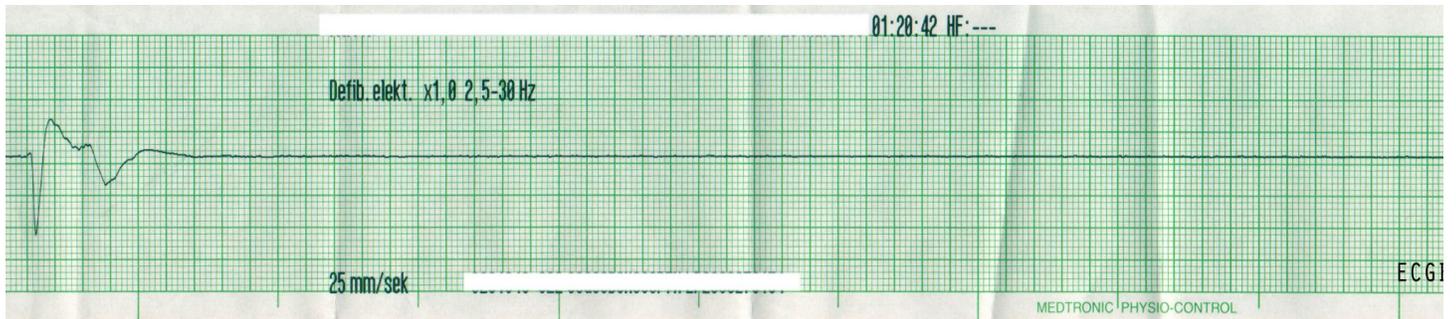


1. What is the Rate? 75 bpm → v-tach (R-R)
2. Is there a "P" wave with every "QRS" complex? Yes → no
3. What is the width of the "QRS"? 0.08 s → 0.32 s
4. What is the length of the "PR" interval? 0.20 s
5. What is the rhythm? R on T v-tach
6. Any complications with this rhythm? Loss of cardiac output, perfusion, and low systolic blood pressure
7. What interventions are anticipated? Stable = cough & bare down

Unstable = BLS/ACLS

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Practice #6



1. What is the Rate? No rate. Check patient and leads (R-R)
2. Is there a “P” wave with every “QRS” complex? No
3. What is the width of the “QRS”? 1-0.16 s → Nothing
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, chest compressions(CPR), no defibrillation!

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Practice #7

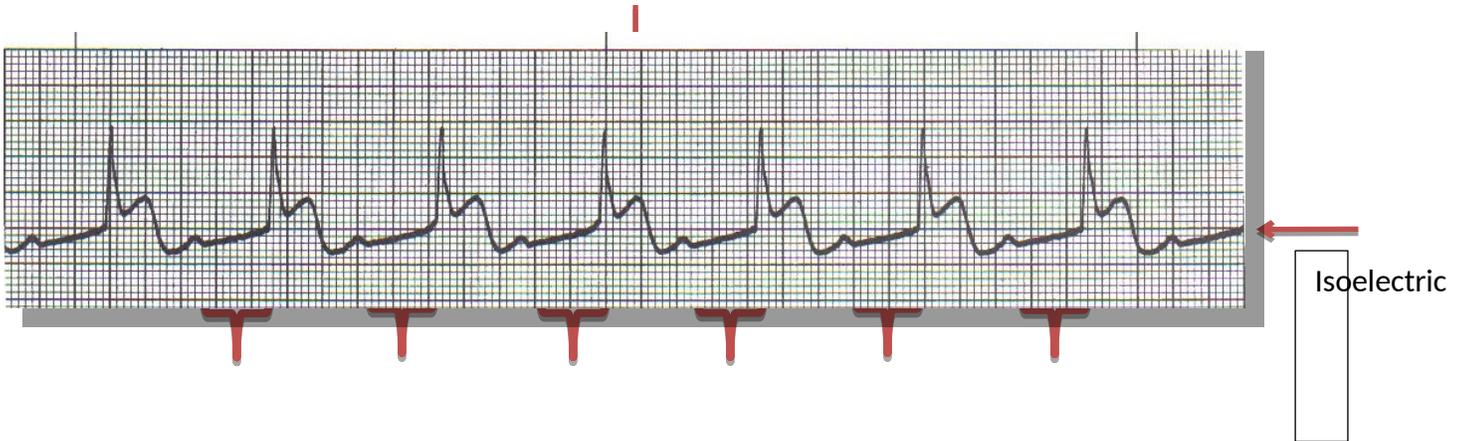


1. What is the Rate? 90 bpm
(R-R)
2. Is there a "P" wave with every "QRS" complex? No. Flutter waves
3. What is the width of the "QRS"? 0.08 s
4. What is the length of the "PR" interval? None. Flutter waves
5. What is the rhythm? Atrial flutter
6. Any complications with this rhythm? Decreased cardiac output, thrombus, CVA, PE
7. What interventions are anticipated? Stable / >48hrs = anticoagulation therapy (clotting)

Unstable / <48hrs = synchronized cardioversion

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #8



1. What is the Rate? 60 bpm (R-R)
2. Is there a "P" wave with every "QRS" complex? yes
3. What is the width of the "QRS"? 0.16 s
4. What is the length of the "PR" interval? 0.48 s
5. What is the rhythm? Sinus rhythm with 1st degree AV block & ST elevation
6. Any complications with this rhythm? MI & death
7. What interventions are anticipated? Resolve MI, MONA protocol, cath lab



You can do this!