

Rhythm Strips Analysis for Practice

Practice #1:



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

80 beats/minute

2. Is there a "P" wave with every "QRS" complex?

yes

3. What is the width of the "QRS"?

0.1 seconds

4. What is the length of the "PR" interval?

0.2 seconds wide

5. What is the rhythm?

Normal Sinus Rhythm

6. Any complications with this rhythm?

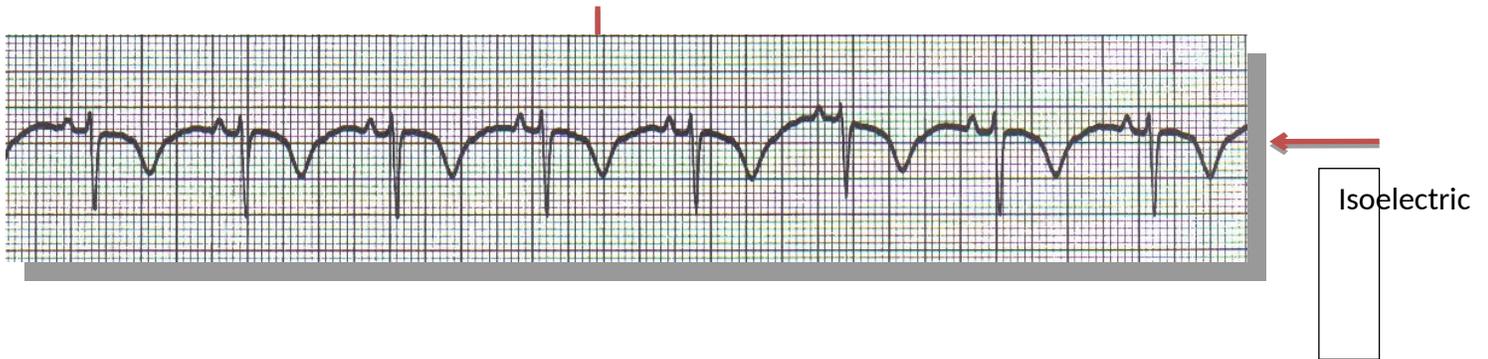
no

7. What interventions are anticipated?

none

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Practice #2



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

80 beats/min

2. Is there a "P" wave with every "QRS" complex?

yes

3. What is the width of the "QRS"?

0.1 seconds wide

4. What is the length of the "PR" interval?

0.16 seconds wide

5. What is the rhythm?

Normal sinus rhythm with inverted T waves

6. Any complications with this rhythm?

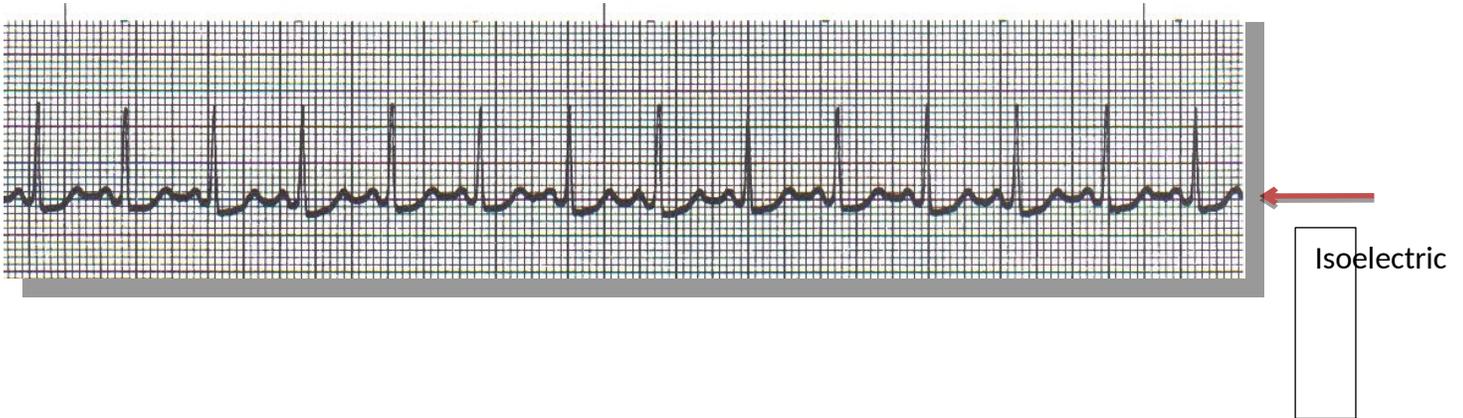
Possible injury

7. What interventions are anticipated?

Continue monitoring

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Practice #3



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

140 beats/minute

2. Is there a "P" wave with every "QRS" complex?

yes

3. What is the width of the "QRS"?

0.1 seconds wide

4. What is the length of the "PR" interval?

0.16 seconds wide

5. What is the rhythm?

Sinus Tachycardia

6. Any complications with this rhythm?

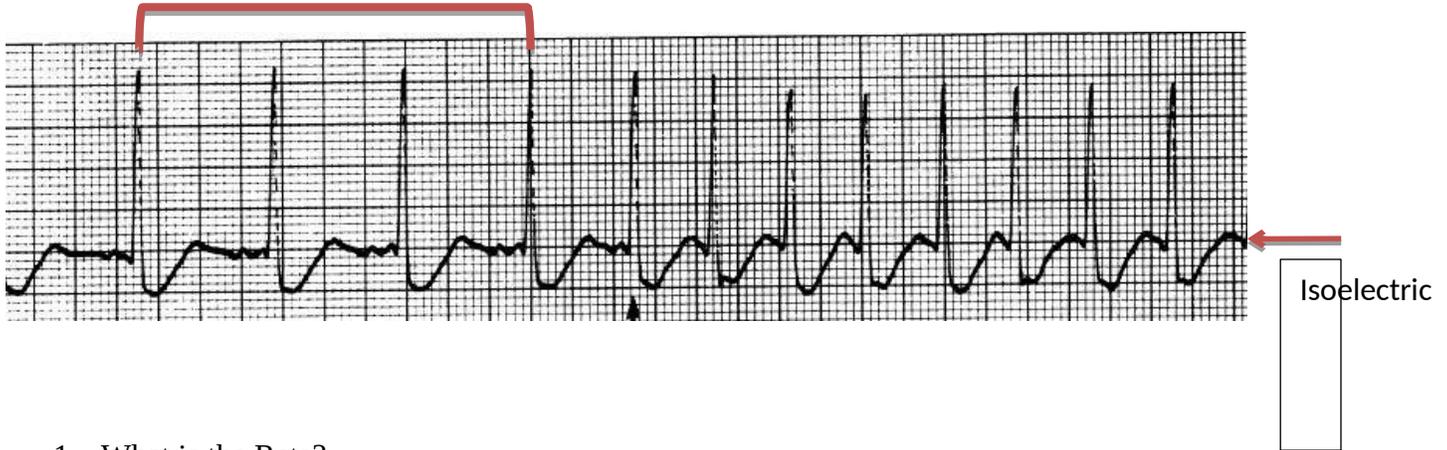
Dizziness, dyspnea, hypotension, angina in patients with CAD.

7. What interventions are anticipated?

Monitoring, treat cause like pain or stress, vagal maneuver, and β -adrenergic blockers.

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Practice #4



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

120 beats/min

2. Is there a "P" wave with every "QRS" complex?

No

3. What is the width of the "QRS"?

0.08 seconds wide

4. What is the length of the "PR" interval?

Not measurable

5. What is the rhythm?

Paroxysmal Supraventricular Tachycardia

6. Any complications with this rhythm?

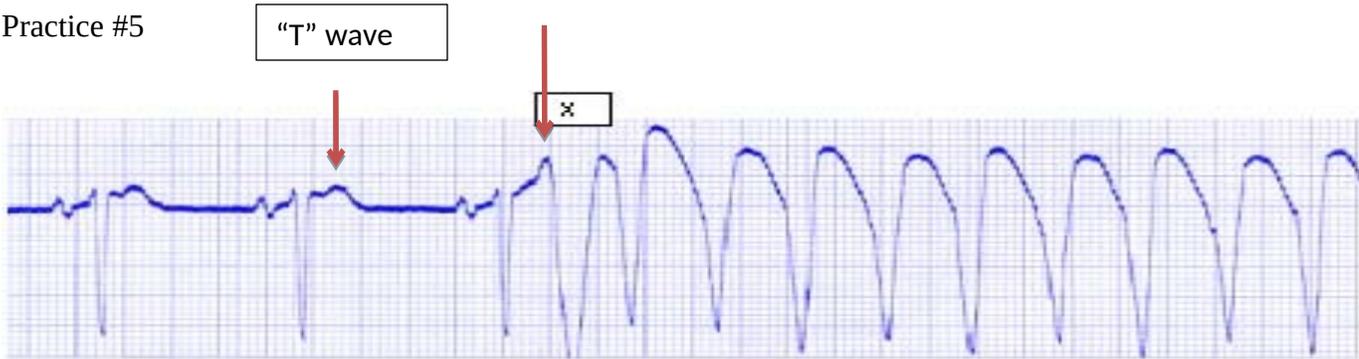
HR > 180 leads to decreased cardiac output and stroke volume, hypotension, dyspnea, angina.

7. What interventions are anticipated?

Closely monitor, vagal stimulation, IV adenosine, IV β -adrenergic blockers, Calcium channel blockers, Amiodarone, and DC cardioversion.

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Practice #5



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

130 beats/min

2. Is there a "P" wave with every "QRS" complex?

No

3. What is the width of the "QRS"?

0.2 seconds wide

4. What is the length of the "PR" interval?

0.2 second wide then it becomes unmeasurable.

5. What is the rhythm?

Ventricular Tachycardia

6. Any complications with this rhythm?

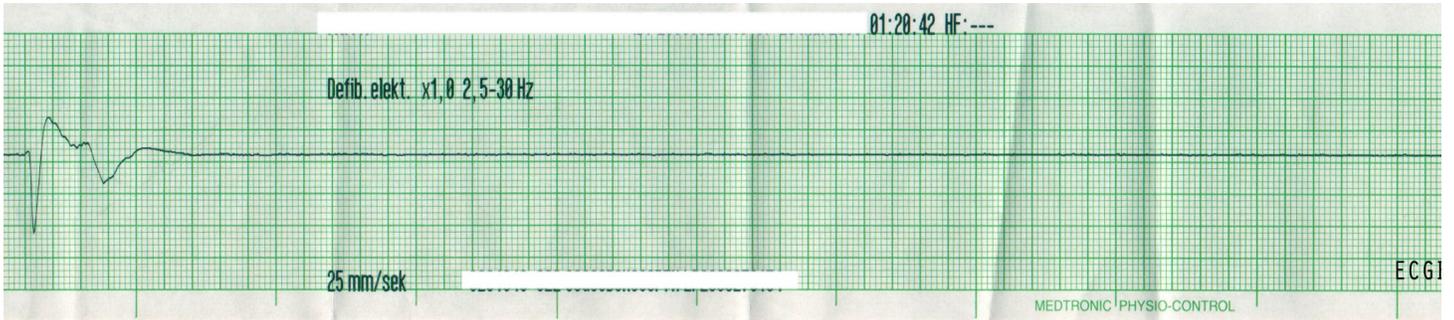
Life-threatening, hypotension, pulmonary edema, decreased cerebral blood flow, cardiopulmonary arrest.

7. What interventions are anticipated?

Close monitoring, finding cause and treating it, antidysrhythmic, cardioversion, CPR, rapid defibrillation.

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Practice #6



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

Unmeasurable

2. Is there a "P" wave with every "QRS" complex?

None

3. What is the width of the "QRS"?

Unmeasurable

4. What is the length of the "PR" interval?

Unmeasurable

5. What is the rhythm?

Asystole

6. Any complications with this rhythm?

Lethal, pulseless, apneic, no perfusion.

7. What interventions are anticipated?

CPR, ACLS measures, epinephrine, intubation, vasopressin.

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Practice #7



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

100 beats/min

2. Is there a "P" wave with every "QRS" complex?

yes

3. What is the width of the "QRS"?

0.1 seconds wide

4. What is the length of the "PR" interval?

0.2 seconds wide

5. What is the rhythm?

Atrial Flutter

6. Any complications with this rhythm?

Decreased cardiac output, heart failure, and stroke.

7. What interventions are anticipated?

Warfarin, calcium channel blockers, β -adrenergic blockers, antidysrhythmic drugs, electrical cardioversion, and radiofrequency ablation.

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Practice #8



1. What is the Rate?
(Look at the atrial rate: P-P or ventricular rate: R-R)

70 beats/min

2. Is there a "P" wave with every "QRS" complex?

yes

3. What is the width of the "QRS"?

0.1 seconds wide

4. What is the length of the "PR" interval?

0.16 seconds wide

5. What is the rhythm?

First-Degree AV Block

6. Any complications with this rhythm?

Nonlethal and asymptomatic.

7. What interventions are anticipated?

Monitor for any changes in heart rhythm.



You can do this!