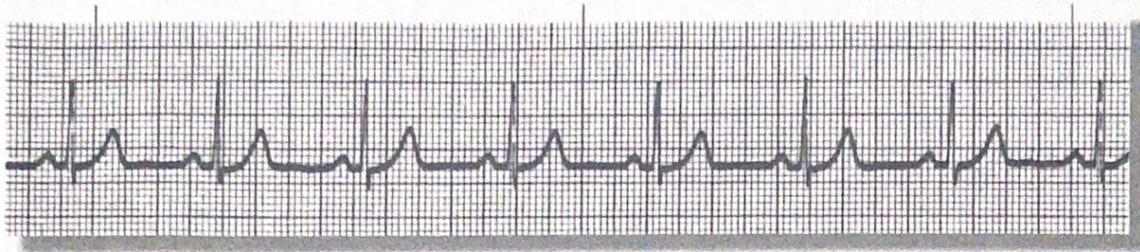


Rhythm Strips Analysis for Practice

Practice #1:



1. What is the Rate?

(Look at the atrial rate: P-P or ventricular rate: R-R)

70 bpm but right answer is 65 bpm

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

yes before a Q there is

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

2 squares = 0.08

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

0.16s 4 squares

5. What is the rhythm?

normal sinus Rhythm

6. Any complications with this rhythm?

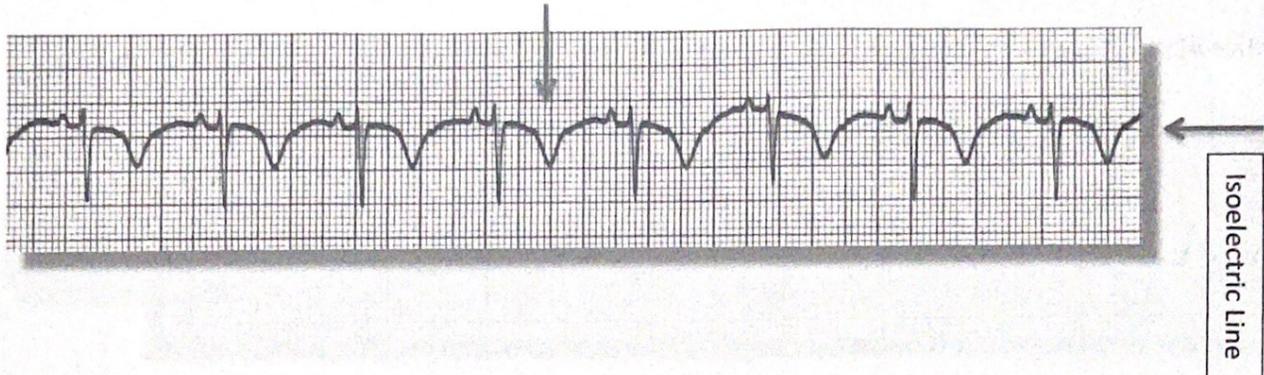
no

7. What interventions are anticipated?

- assess patient still for their pulses, capillary refill, color & skin

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #2



1. What is the Rate?

(Look at the atrial rate: P-P or ventricular rate: R-R)

70 bpm → right answer 71 bpm

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

yes upright

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

$0.04 \times 2 \text{ square} = 0.08 \text{ s}$

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

$0.04 \times 3 = .12 \text{ s}$

5. What is the rhythm?

Sinus rhythm with inverted T-wave

6. Any complications with this rhythm?

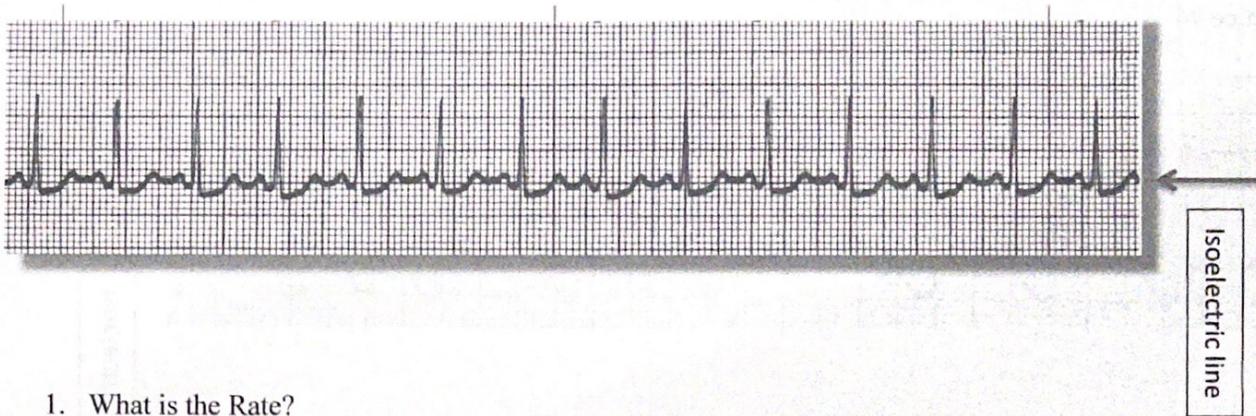
maybe is from ischemia could advance to injury / infarction

7. What interventions are anticipated?

assess pt, give oxygen, notify Dr.
focused cardiac assessment

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #3



1. What is the Rate?

(Look at the atrial rate: P-P or ventricular rate: R-R)

130 bpm → right answer 125 bpm

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

yes upright

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

0.08 s normal 2 boxes

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

0.12 s normal 3 boxes

5. What is the rhythm?

Sinus tachycardia w/ slight ST-depression

6. Any complications with this rhythm?

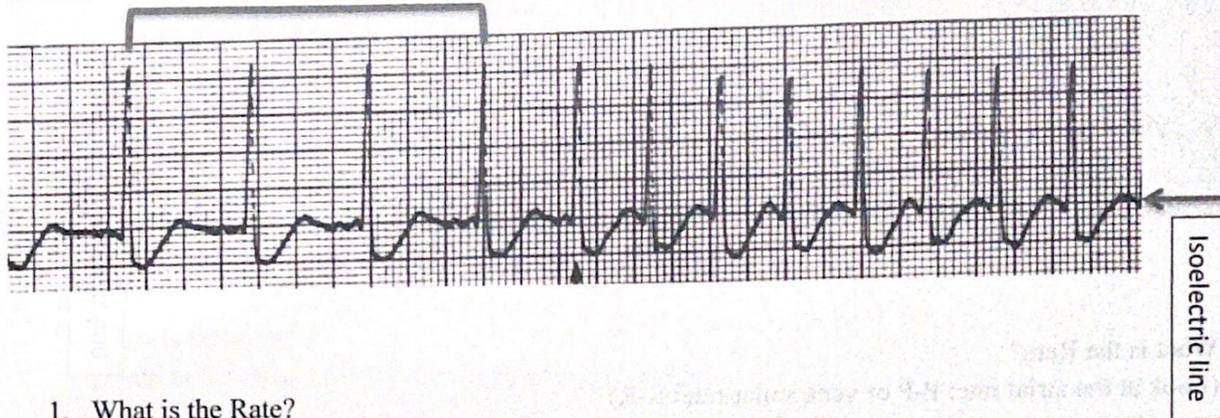
yes, loss of Atrial kick; other complications can occur

7. What interventions are anticipated?

treat cause such as fever, pain, fear, Anxiety, hypovolemia, vagal maneuver

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #4



1. What is the Rate?

(Look at the atrial rate: P-P or ventricular rate: R-R)

180 bpm → right answer 187 bpm

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

no

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

0.085 2 boxes

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

no PR interval

5. What is the rhythm?

Paroxysmal Atrial fibrillation w/ Rapid Ventricular Response

6. Any complications with this rhythm?

Yes loss of Atrial kick, decreased CO₂, decreased perfusion

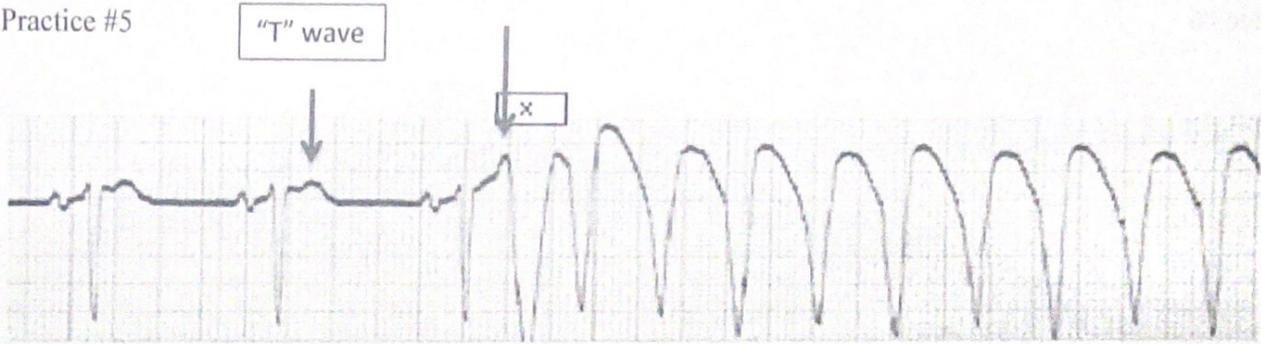
7. What interventions are anticipated?

If stable can give a Antiarrhythmic drug such as Amiodarone.

If unstable pt needs a synchronized cardioversion.

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #5



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

75 bpm

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

no just previously

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

.08 then goes higher to .32s

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

.20s 5 boxes

5. What is the rhythm?

ventricular tachycardia

6. Any complications with this rhythm?

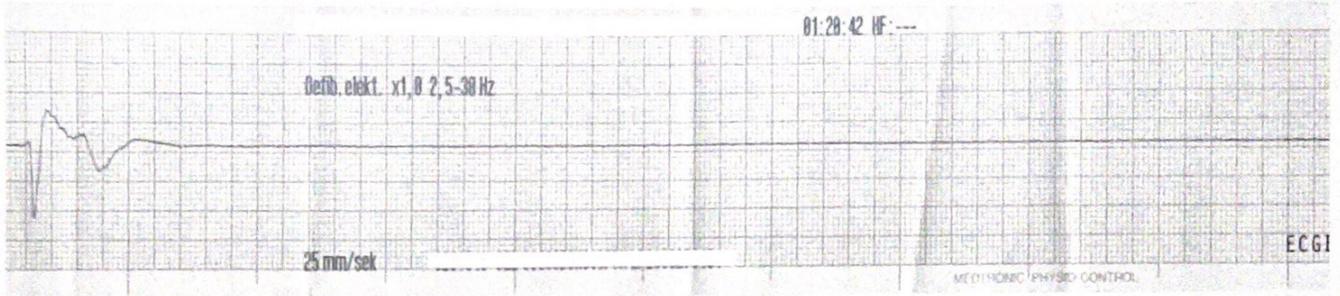
loss of cardiac output, losing perfusion

7. What interventions are anticipated?

if patient is stable then vagal maneuver (cough, bare down)
if patient is unstable then BLS initiate

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #6



1. What is the Rate?

(Look at the atrial rate: P-P or ventricular rate: R-R)

assess pt first, check if leads are attached
- pt is speaking not asystole

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

NO

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

just previous

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

NO

5. What is the rhythm?

Asystole

6. Any complications with this rhythm?

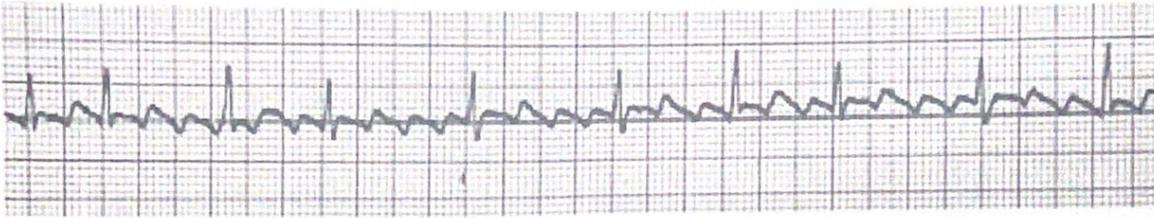
yes, death

7. What interventions are anticipated?

CPR immediately, DON'T Defibrilate!
Acls protocol

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #7



1. What is the Rate?

(Look at the atrial rate: P-P or ventricular rate: R-R)

100 bpm

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

Sawtooth P waves

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

0.08 s

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

none

5. What is the rhythm?

Atrial flutter

6. Any complications with this rhythm?

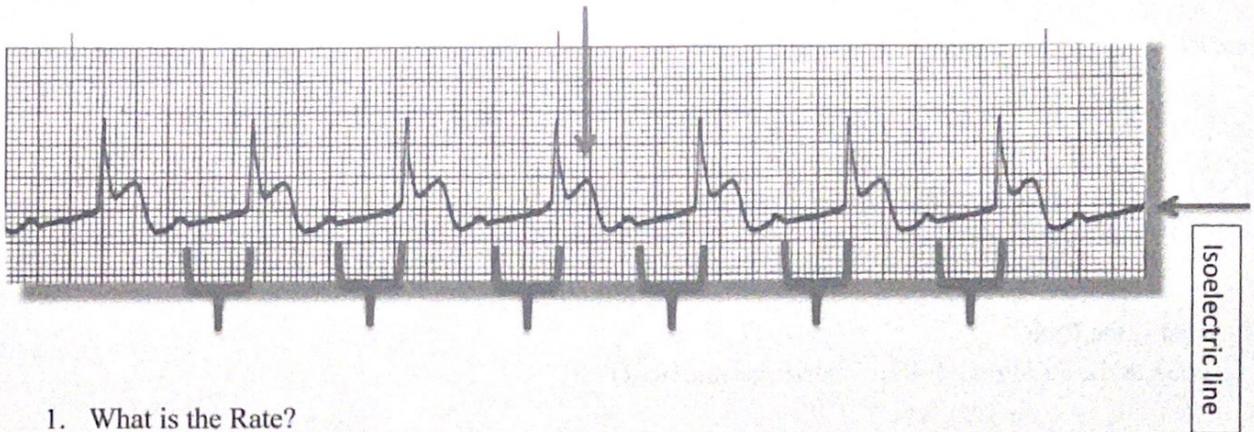
decreased cardiac output, thrombus, CVA, PE

7. What interventions are anticipated?

- Cardioversion: unstable pt
- Anticoagulation therapy due to clot/stroke

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #8



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

68 bpm

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

yes upright

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

0.16s Abnormal

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

0.48s Abnormal

5. What is the rhythm?

1st degree AV block "ST" elevation = myocardial infarction

6. Any complications with this rhythm?

no, but ST elevation would mean MI

7. What interventions are anticipated?

resolve MI, blockage, assess pt to cath lab



You can do this!