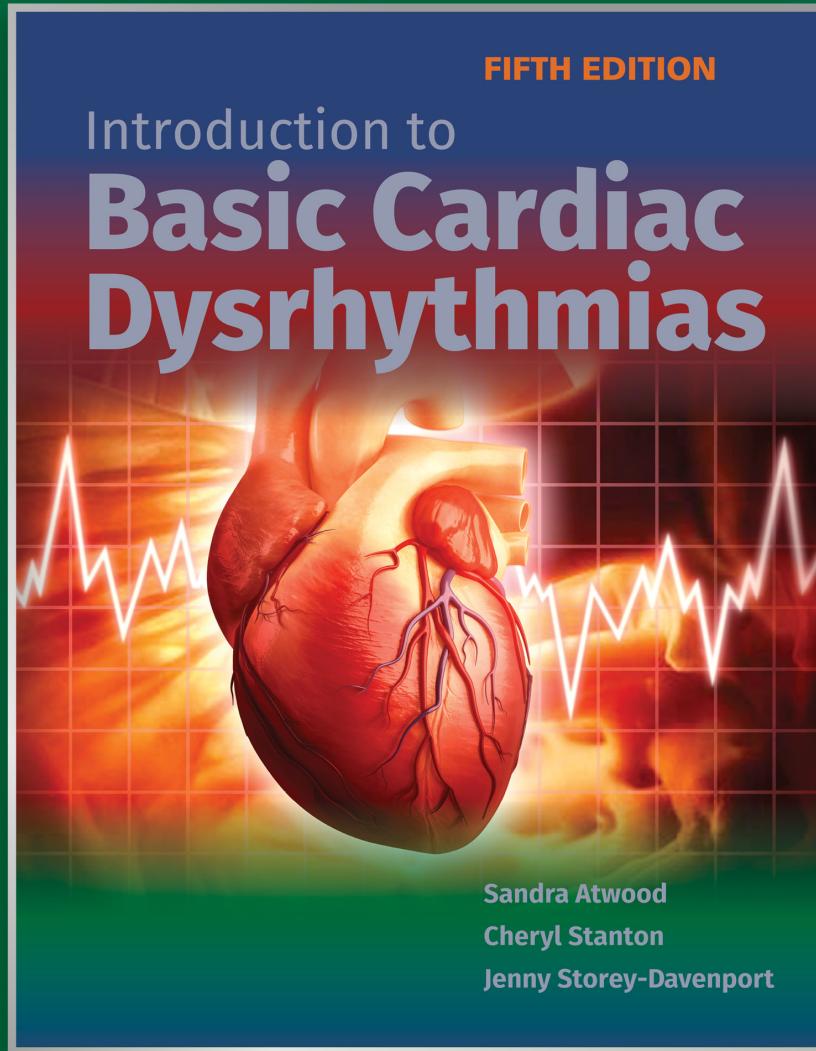


Chapter 3

Rhythm Review



Instructions

On completion of Chapters 1, 2, 3, 4, and 5:

- A 6-second rhythm strip will appear.
- Identify the rhythm strip and any abnormal components.
- Press the *down* arrow or *left* click on mouse to see correct answer. Heart rates will be displayed in the answer section.
- If you had an incorrect answer, please review Chapters 2, 3 and 8.
- Return to the rhythm and try again.

Chapter 3 Review #1

Identify this rhythm strip and any abnormal components. Press the *down* arrow or *left* click on mouse for correct answer.



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Chapter 3 Review #1

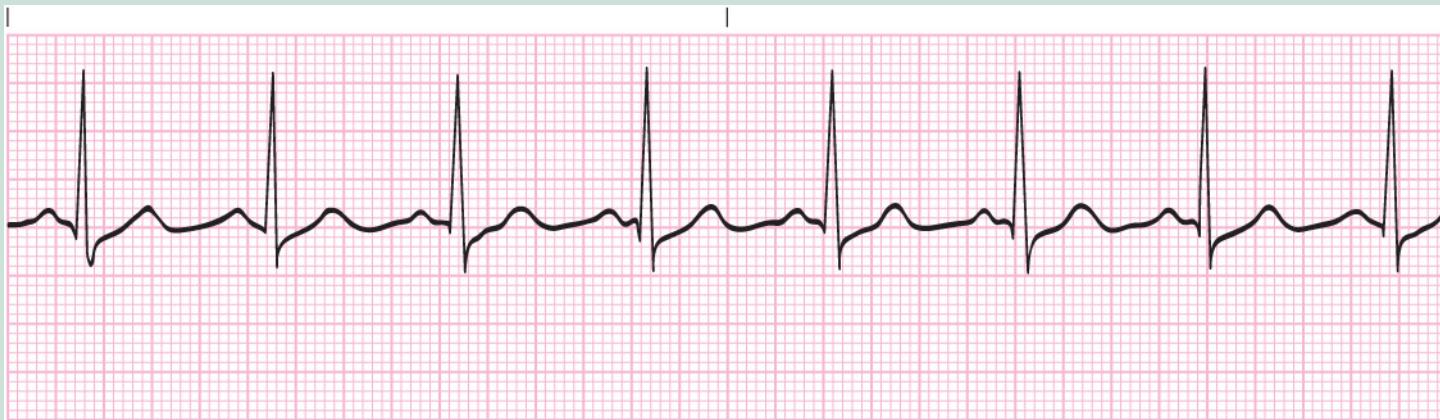


© Jones & Bartlett Learning.

Answer: Sinus tachycardia with prolonged QT intervals;
HR: 110 beats/min

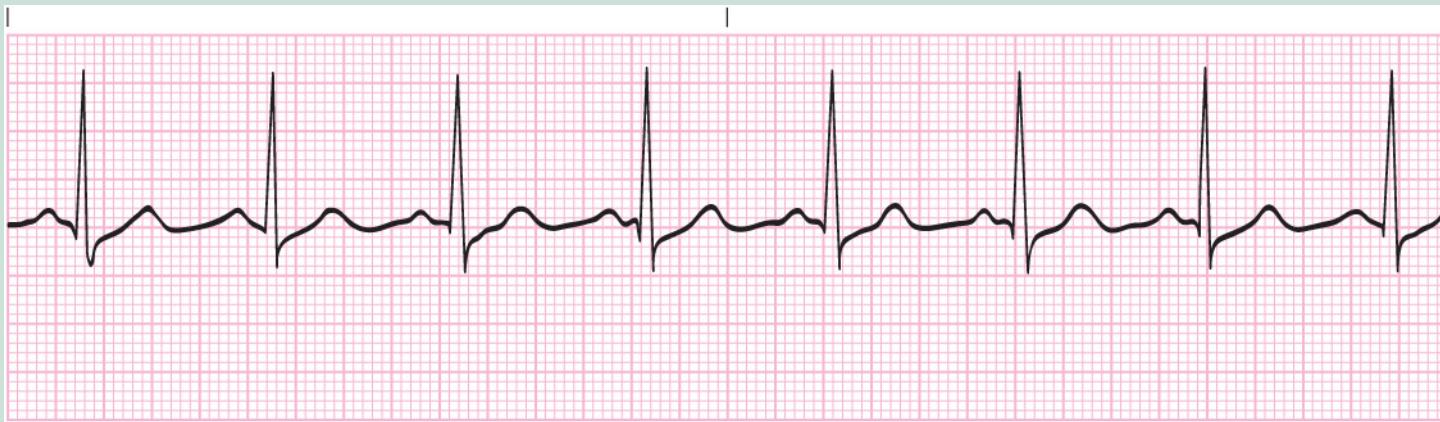
Chapter 3 Review #2

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #2

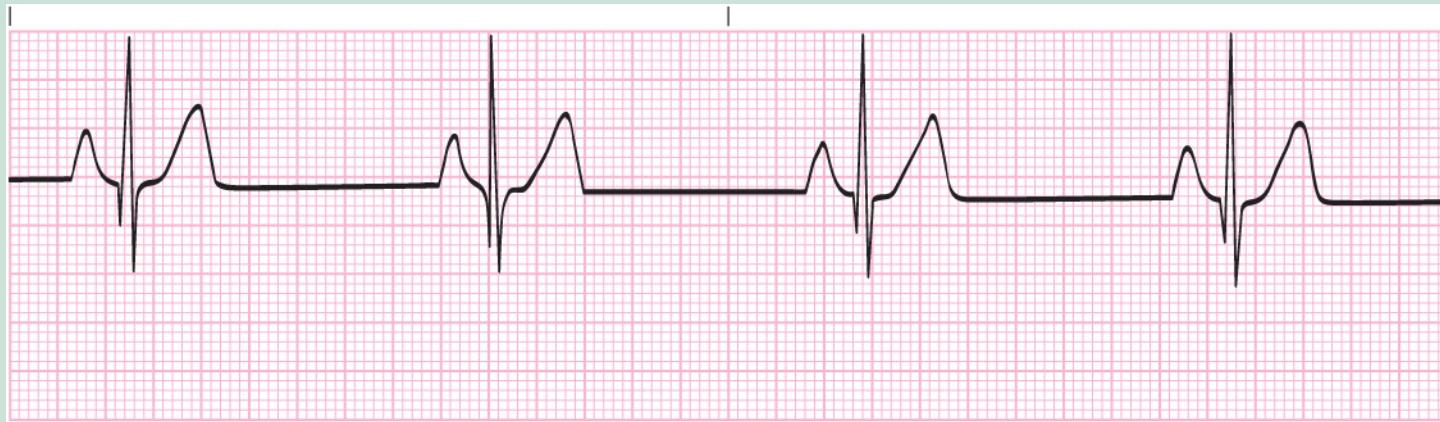


© Jones & Bartlett Learning.

Answer: Normal sinus rhythm with occasional depressed ST segments; HR: 80 beats/min

Chapter 3 Review #3

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #3

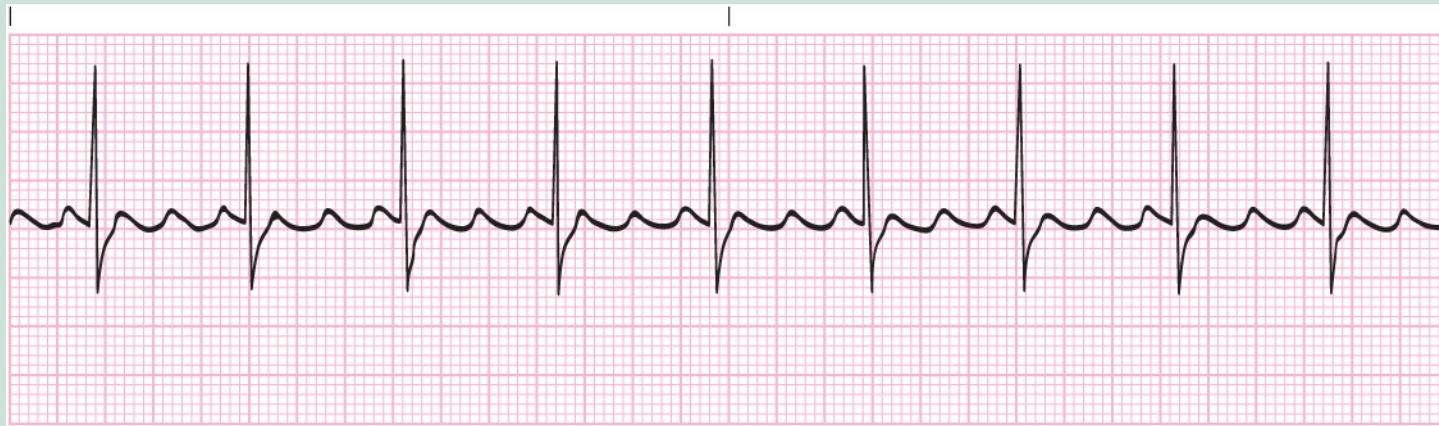


© Jones & Bartlett Learning.

Answer: Sinus bradycardia with peaked P waves; HR: 40 beats/min

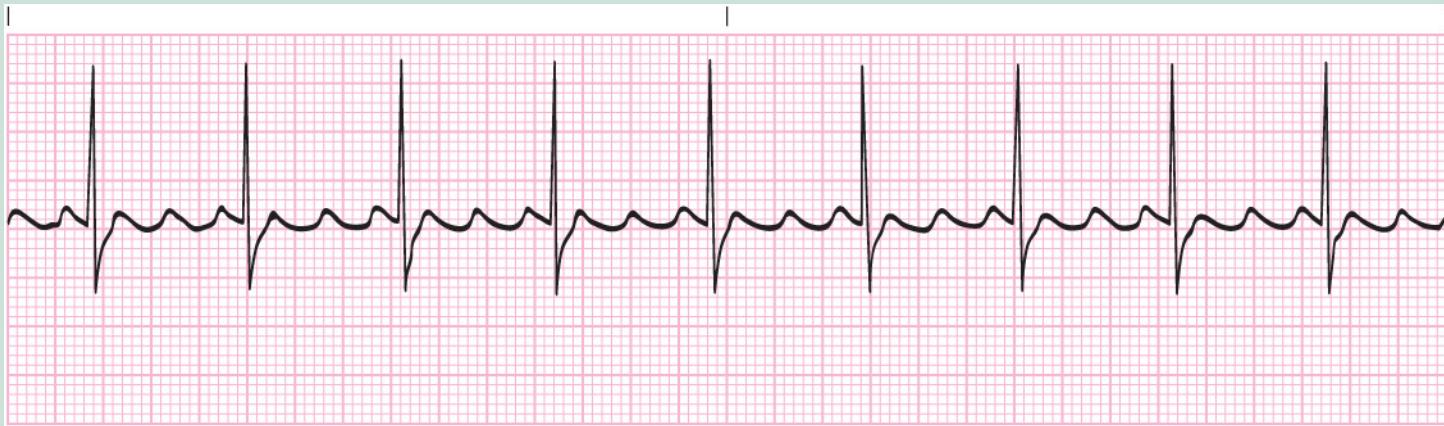
Chapter 3 Review #4

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #4



© Jones & Bartlett Learning.

Answer: Atrial flutter with a 3:1 block/ratio;
HR: 90 beats/min (atrial flutter rate: 270–280, $3 \times 90 = 270$)

Chapter 3 Review #5

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #5

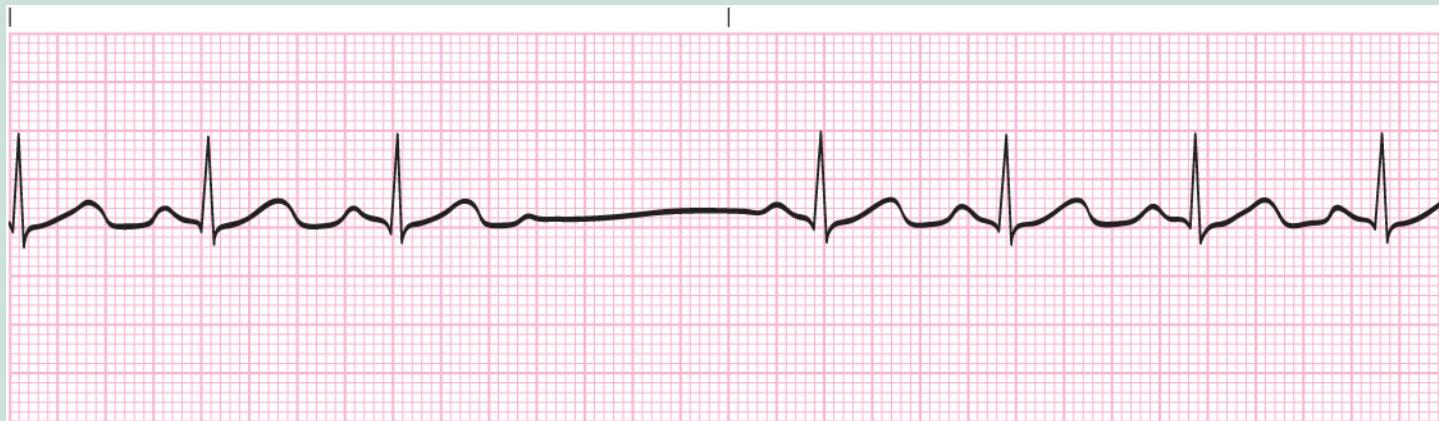


© Jones & Bartlett Learning.

Answer: Sinus tachycardia with prolonged QT intervals;
HR: 110 beats/min

Chapter 3 Review #6

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #6

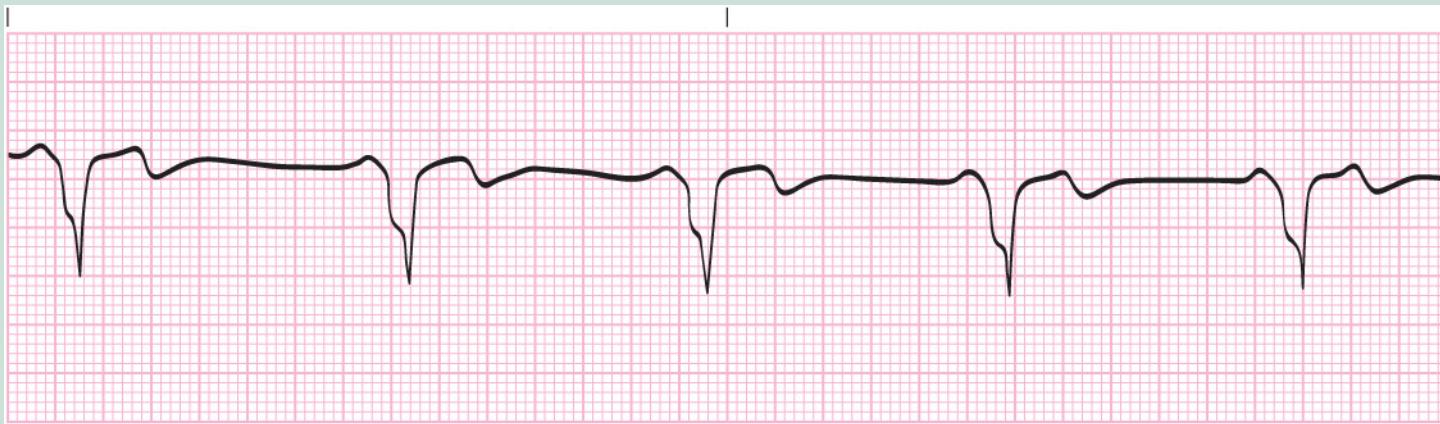


© Jones & Bartlett Learning.

Answer: Sinus arrest in a sinus rhythm with prolonged QT intervals;
HR: 70 beats/min

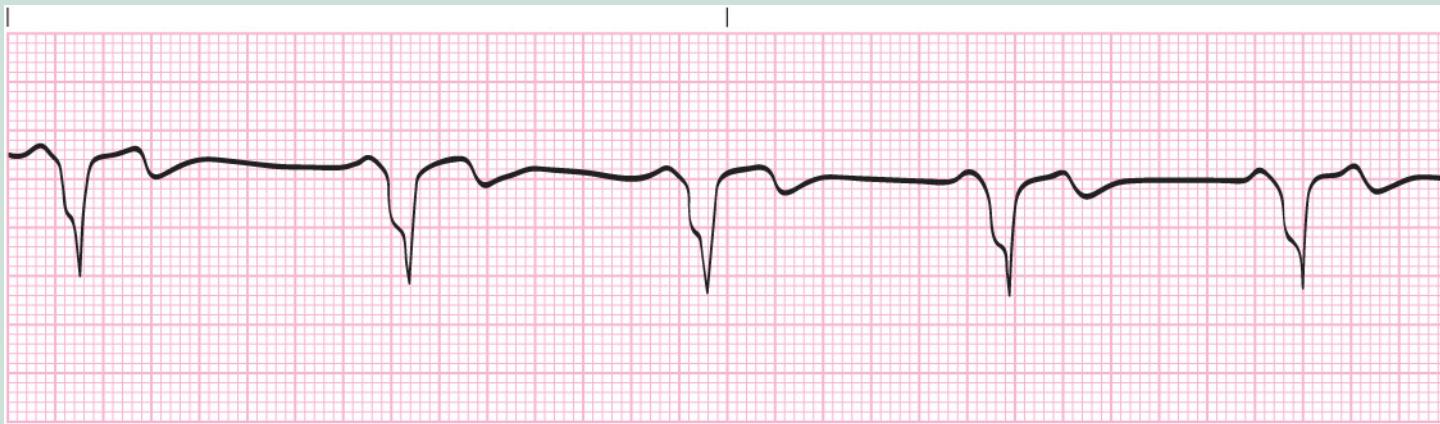
Chapter 3 Review #7

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #7

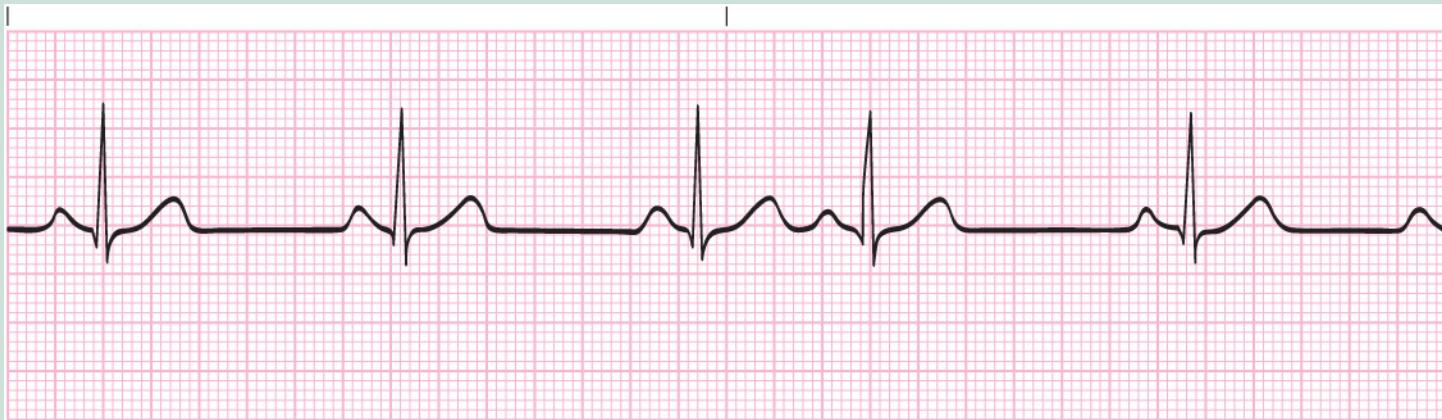


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Answer: Sinus bradycardia with Wolff-Parkinson-White syndrome, with delta waves and diphasic T waves; HR: 50 beats/min

Chapter 3 Review #8

Identify this rhythm strip and any abnormal components. Press the *down* arrow or *left* click on mouse, for the correct answer.



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Chapter 3 Review #8



© Jones & Bartlett Learning.

Answer: Sinus bradycardia with one PAC (4th complex);
HR: 50 beats/min

Chapter 3 Review #9

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #9



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Answer: Sinus tachycardia with three PACs (2nd, 4th, and 5th complexes), changing to PAT/PSVT, with depressed ST segments, prolonged QT intervals, with inverted (depressed) T waves; HR: (calculated by 3-second method) first 3 seconds: 120 beats/min (sinus rhythm); second 3 seconds: 180 beats/min (PAT/PSVT)

Chapter 3 Review #10

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #10

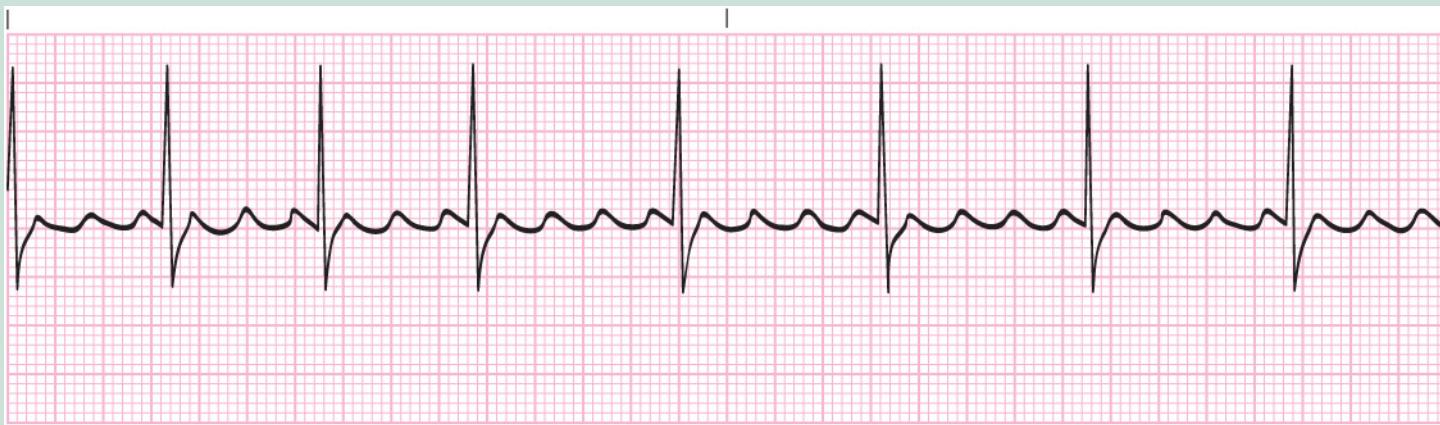


© Jones & Bartlett Learning.

Answer: Atrial fibrillation; HR: 70 beats/min (atrial fibrillation rate: 350–500)

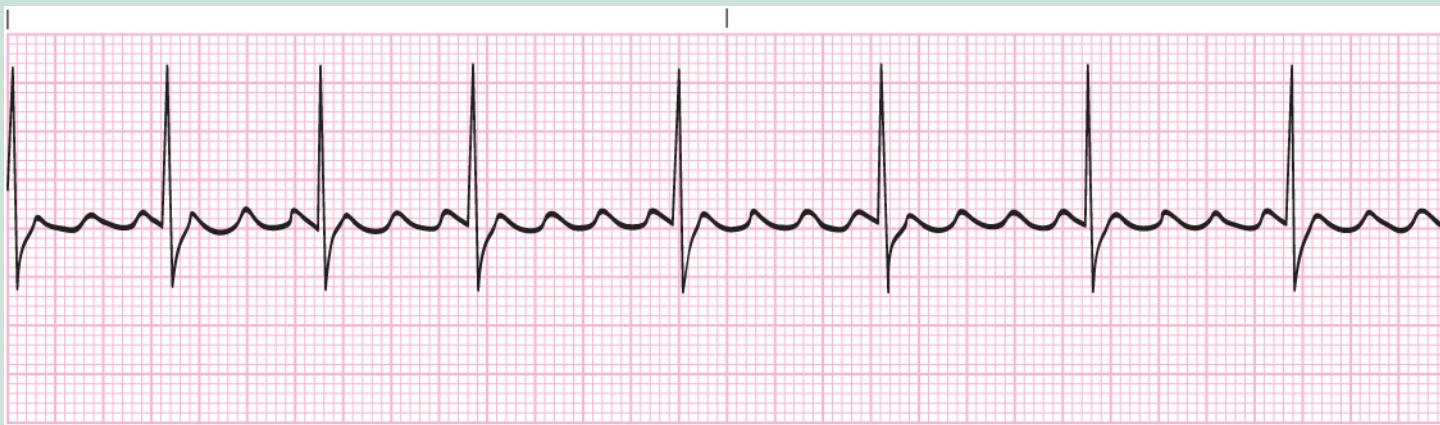
Chapter 3 Review #11

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #11

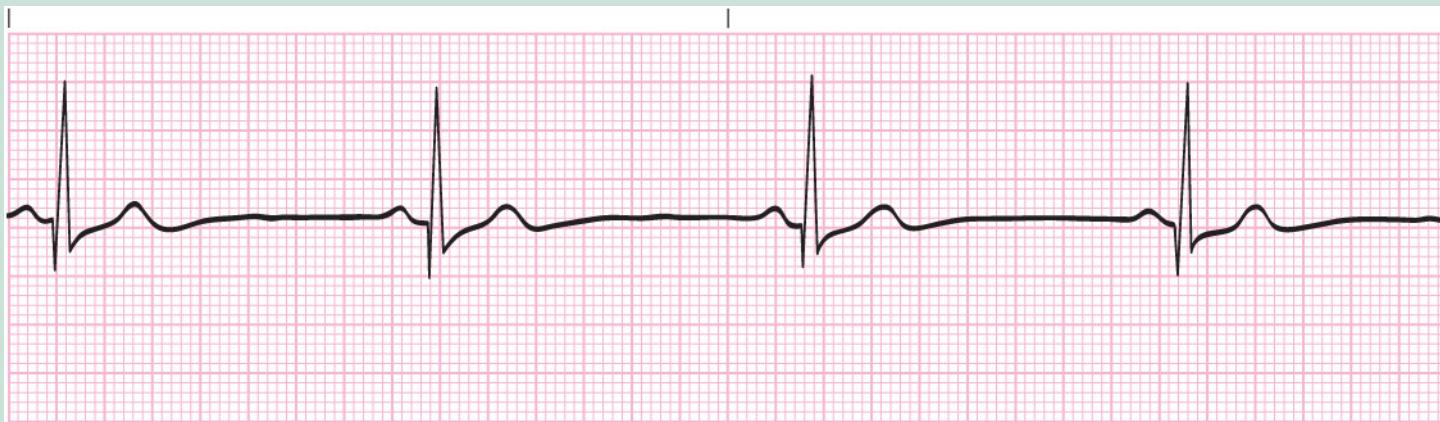


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Answer: Atrial flutter with varying block/ratio;
HR: 80 beats/min (atrial flutter rate: 250–350)

Chapter 3 Review #12

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #12

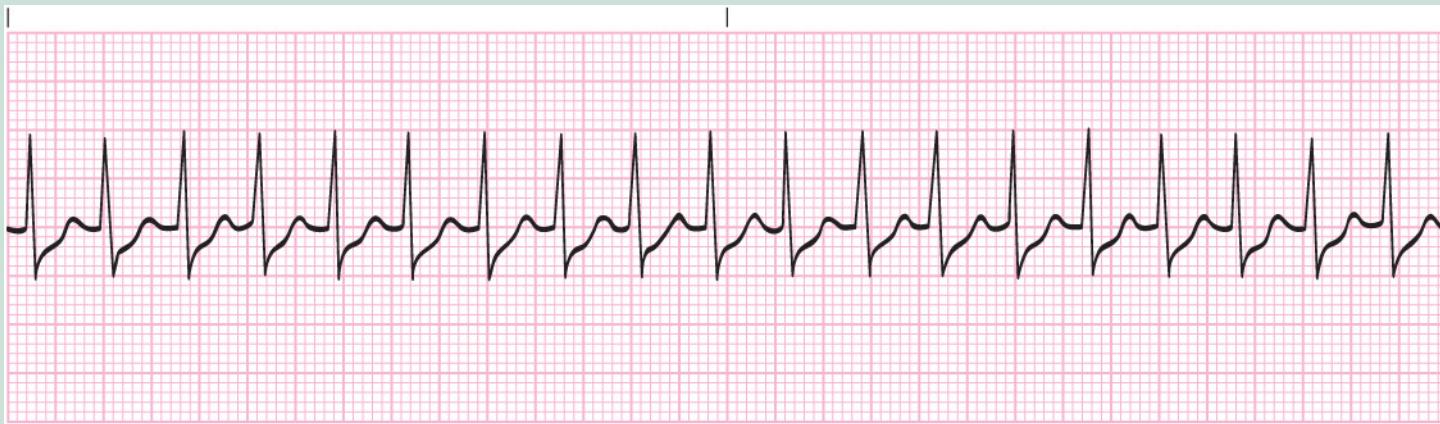


© Jones & Bartlett Learning.

Answer: Sinus bradycardia with depressed ST segments;
HR: 40 beats/min

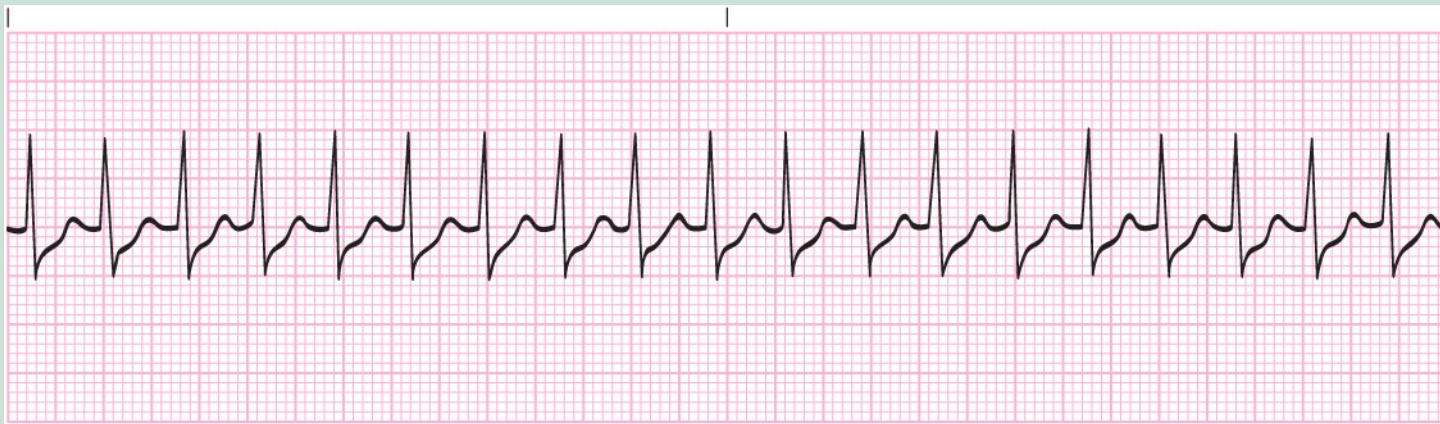
Chapter 3 Review #13

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #13

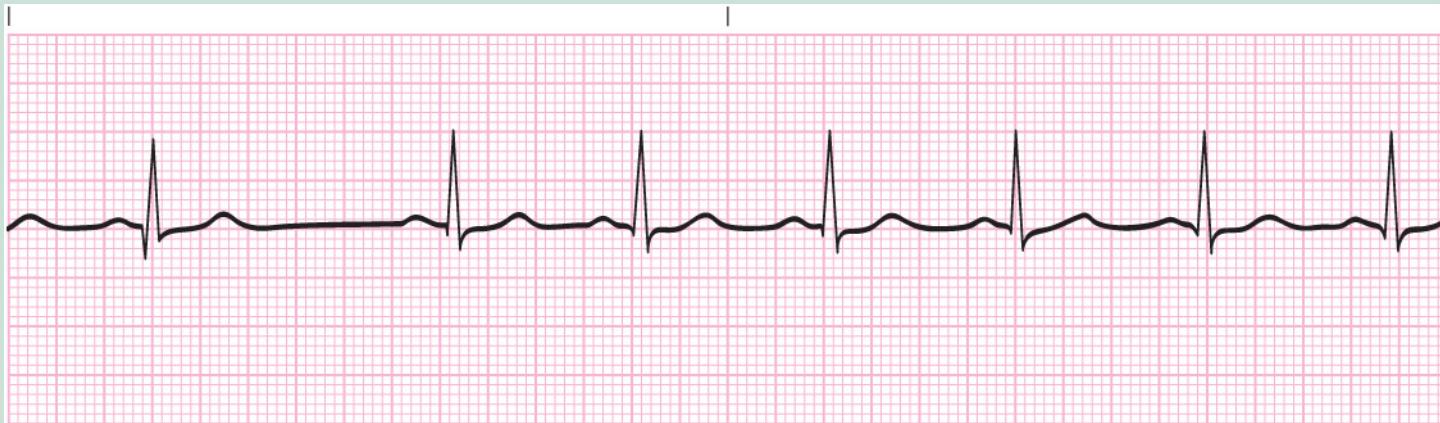


© Jones & Bartlett Learning.

Answer: Supraventricular tachycardia with depressed ST segments and prolonged QT intervals; HR: 190 beats/min

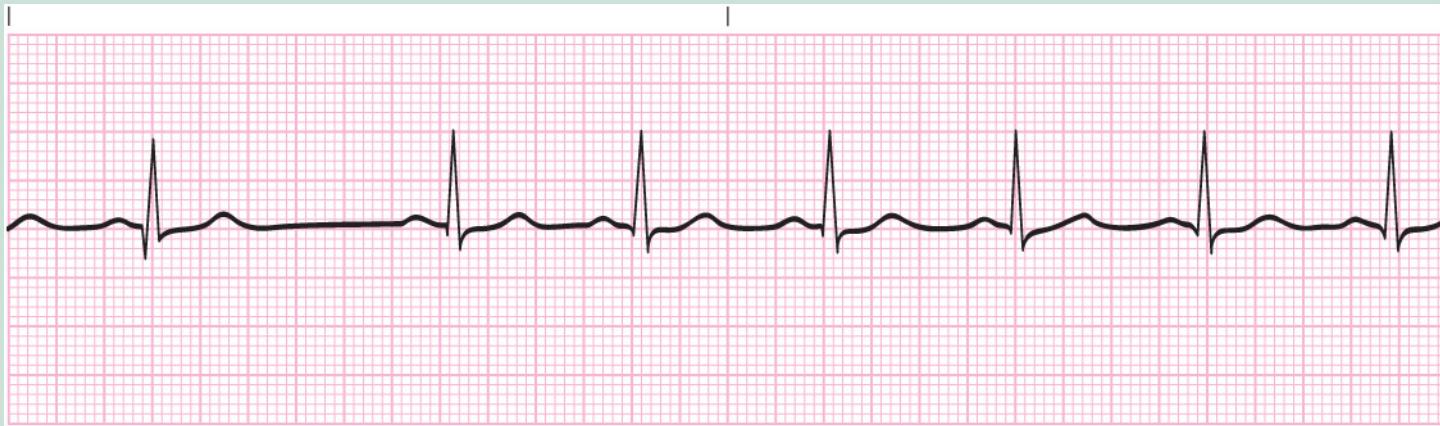
Chapter 3 Review #14

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #14

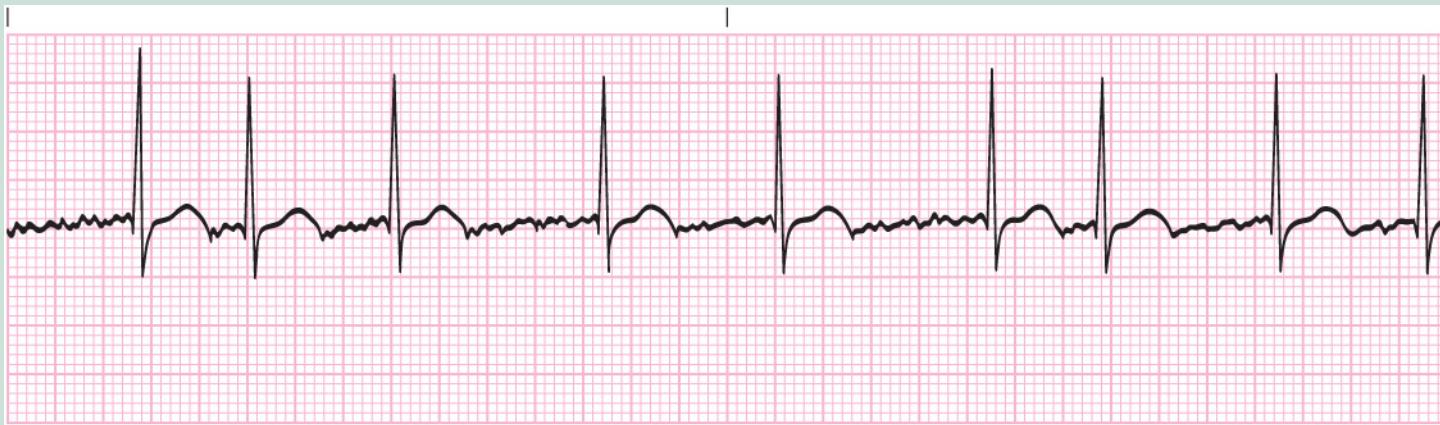


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Answer: Sinus arrhythmia; HR: 70 beats/min

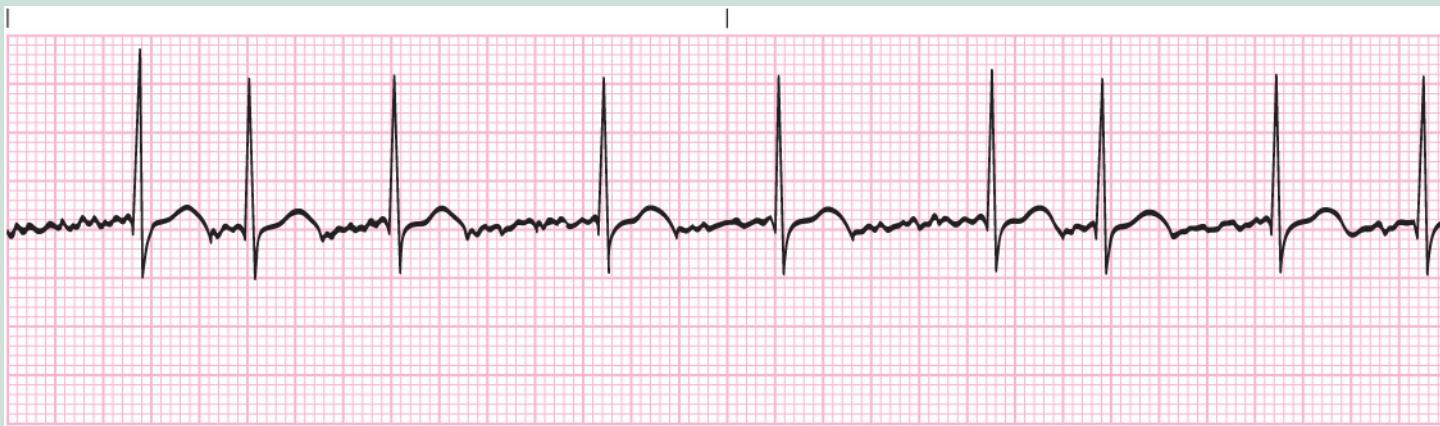
Chapter 3 Review #15

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #15



© Jones & Bartlett Learning.

Answer: Atrial fibrillation; HR: 90 beats/min (atrial fibrillation rate: 350–500)

Chapter 3 Review #16

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #16

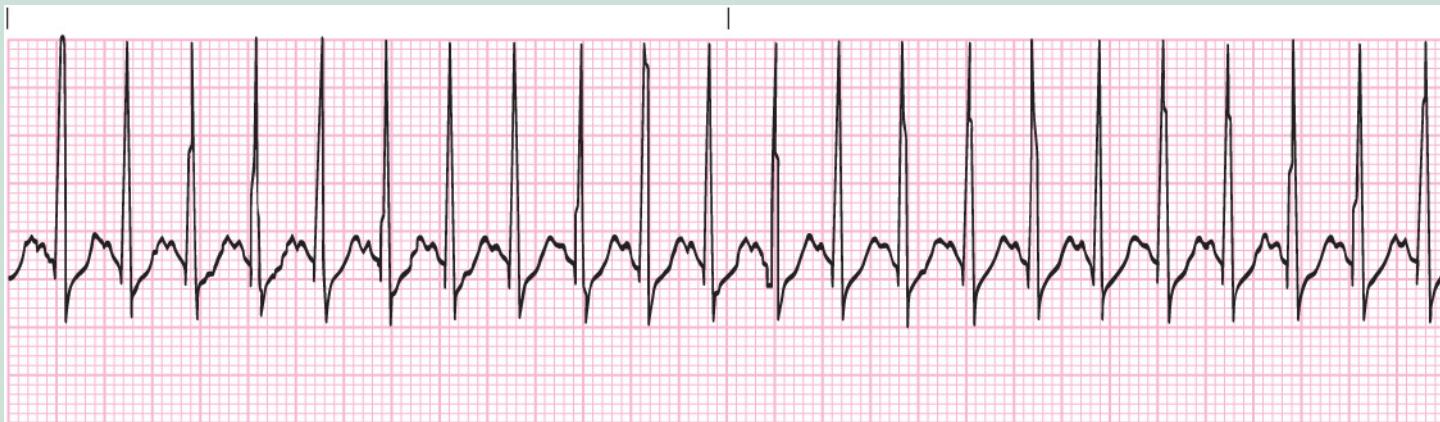


© Jones & Bartlett Learning.

Answer: Sinus bradycardia with peaked P waves changing to PSVT with prolonged QT intervals; HR (calculated by 3-second method): first 3 seconds: 40 beats/min (sinus bradycardia); second 3 seconds: 150 beats/min by division (sinus tachycardia)

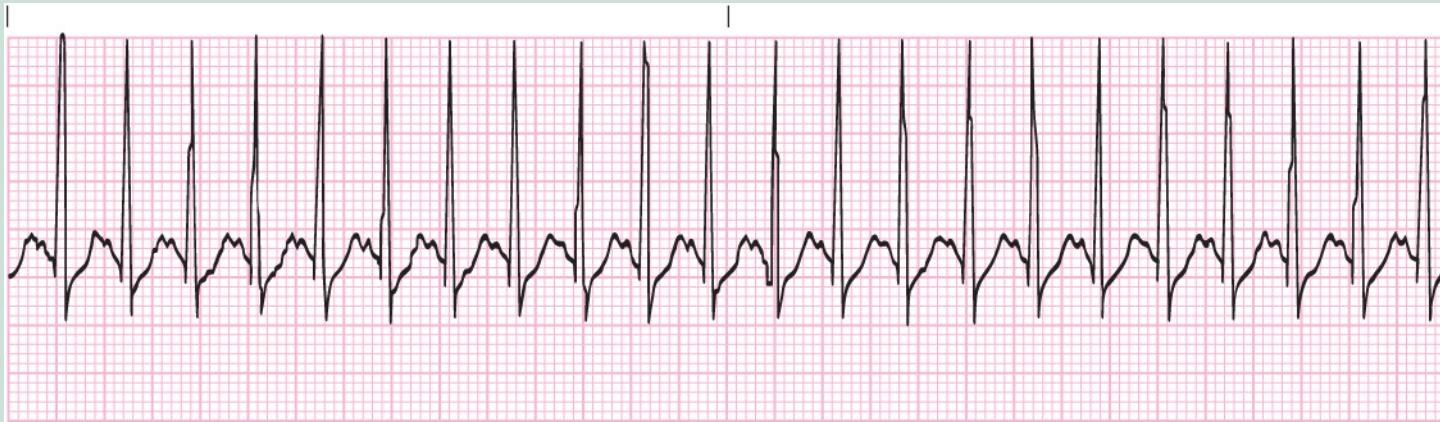
Chapter 3 Review #17

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #17



© Jones & Bartlett Learning.

Answer: Supraventricular tachycardia with depressed ST segments and prolonged QT intervals; HR: 60 beats/min

Chapter 3 Review #18

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #18

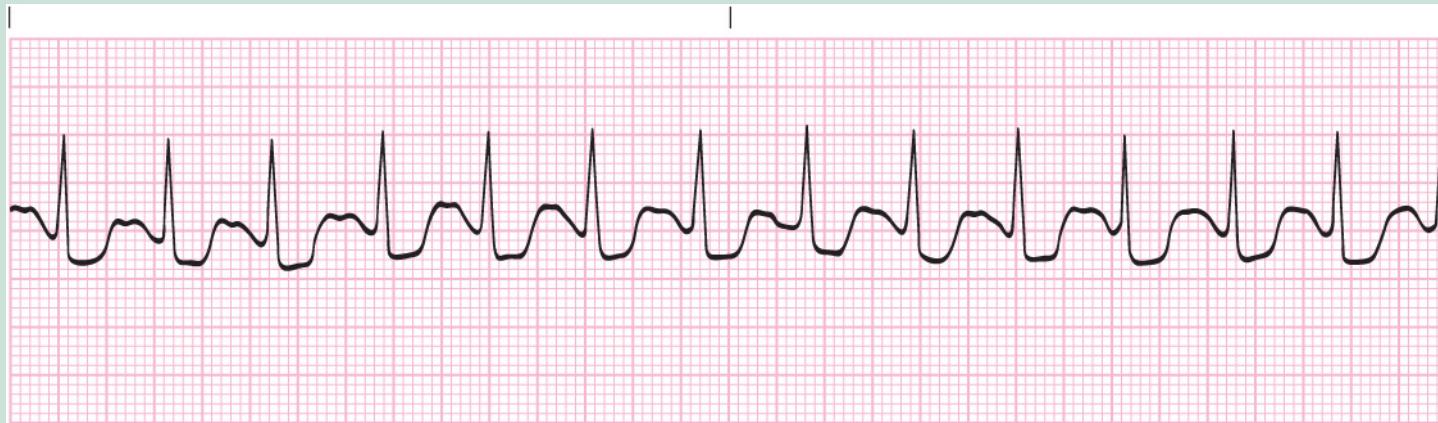


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Answer: Atrial flutter with 4:1 block/ratio; HR: 70 beats/min
(atrial flutter rate: 260–280, $4 \times 70 = 280$ beats/min)

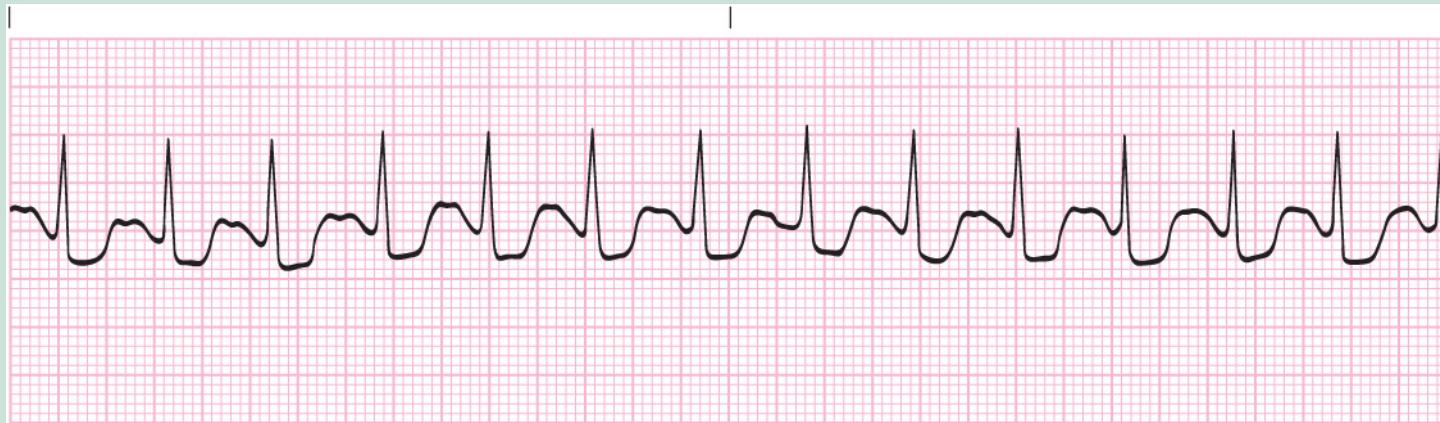
Chapter 3 Review #19

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #19



© Jones & Bartlett Learning.

Answer: Sinus tachycardia with depressed ST segments and prolonged QT intervals; HR: 140 beats/min

Chapter 3 Review #20

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #20



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Answer: Sinus rhythm with depressed ST segments,
with flat T waves; HR: 60 beats/min

Chapter 3 Review #21

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #21



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Answer: Sinus rhythm with one PAC (1st complex); HR: 60 beats/min

Chapter 3 Review #22

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #22

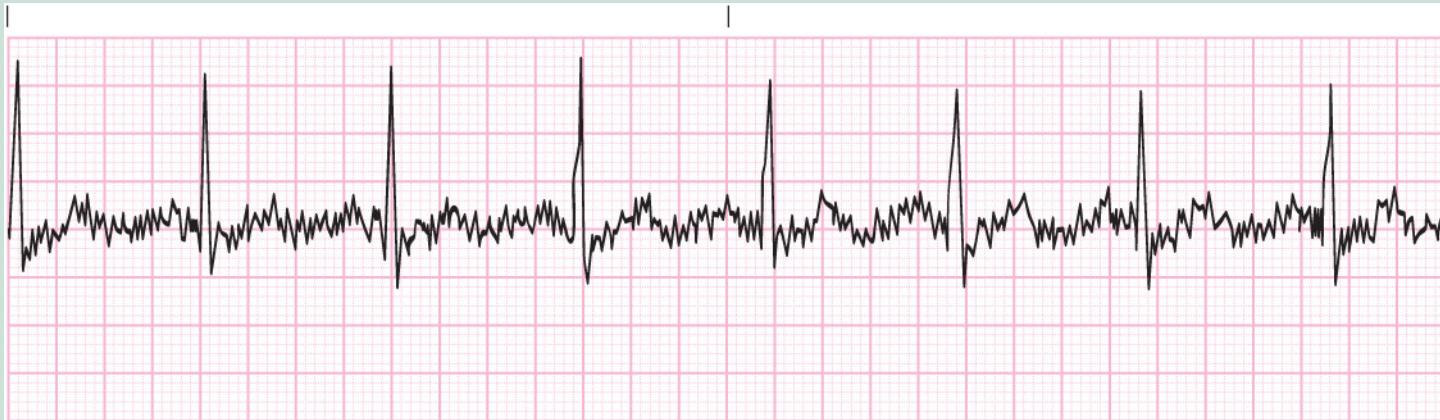


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Answer: Atrial flutter with 4:1 block/ratio; HR: 70 beats/min
(atrial flutter rate: 280, $4 \times 70 = 280$)

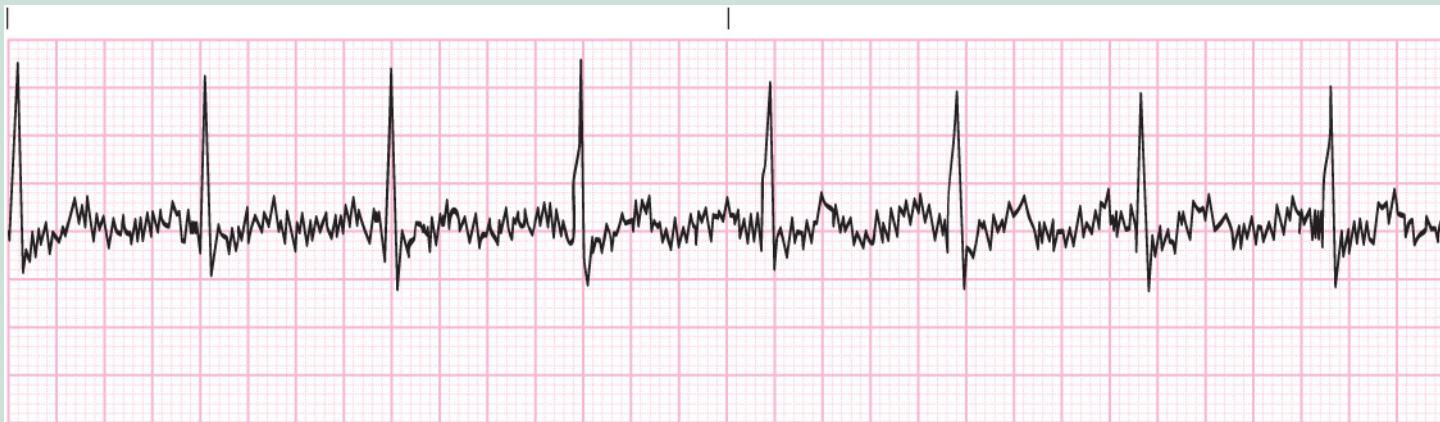
Chapter 3 Review #23

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #23



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Answer: Sinus rhythm with artifact (60-cycle interference);
HR: 80 beats/min

Chapter 3 Review #24

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #24



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Answer: Sinus rhythm with a period of sinus arrest with prolonged QT intervals; HR: 80 beats/min

Chapter 3 Review #25

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #25



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Answer: Atrial fibrillation; HR: 60 beats/min (atrial fibrillation rate: 350–500)

Chapter 3 Review #26

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #26



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Answer: Supraventricular tachycardia with depressed ST segments and prolonged QT intervals; HR: 170 beats/min

Chapter 3 Review #27

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #27



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Answer: Sinus bradycardia with a period of sinus arrest;
HR: 50 beats/min

Chapter 3 Review #28

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #28



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Answer: Sinus rhythm changing to PAT/PSVT with prolonged QT intervals; HR (by division method): first rhythm: 80 beats/min (sinus rhythm); second rhythm: 160 beats/min (PAT/PSVT)

Chapter 3 Review #29

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #29



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Answer: Sinus arrhythmia with bradycardic rate; HR: 50 beats/min

Chapter 3 Review #30

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #30



© Jones & Bartlett Learning.

Answer: Atrial fibrillation with elevated ST segments;
HR: 170 beats/min (atrial fibrillation rate: 350–500)

Chapter 3 Review #31

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #31



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Answer: Atrial flutter with 5:1 block/ratio; HR: 60 beats/min
(atrial flutter rate: 300, $5 \times 60 = 300$)

Chapter 3 Review #32

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #32



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Answer: Atrial fibrillation with depressed ST segments;
HR: 90 beats/min (atrial fibrillation rate: 350–500)

Chapter 3 Review #33

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #33



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Answer: Sinus rhythm with artifact; HR: 100 beats/min

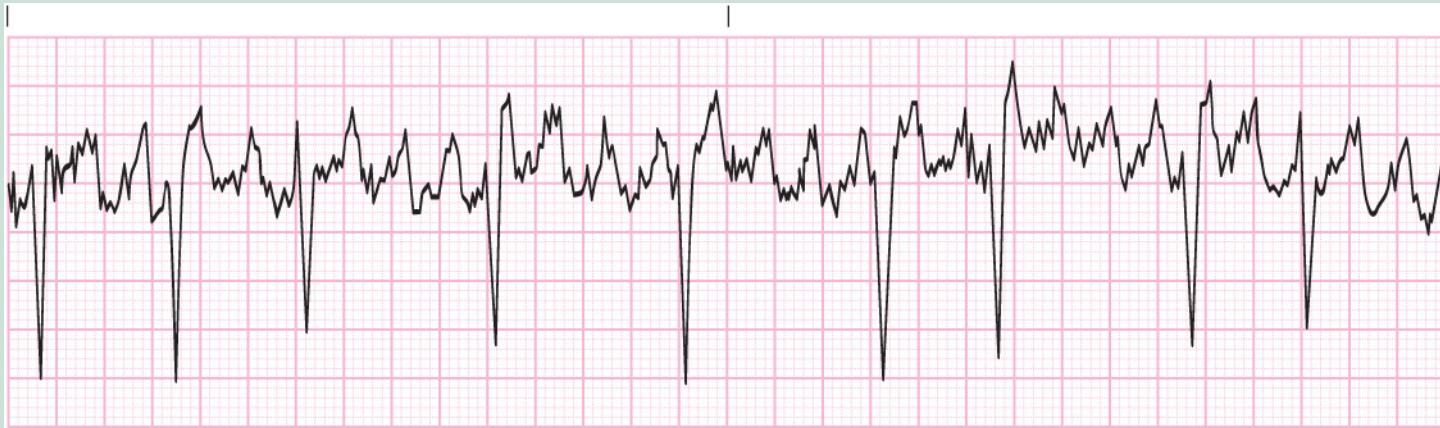
Chapter 3 Review #34

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #34



© Jones & Bartlett Learning.

Answer: Atrial flutter with variable block/ratio and elevated ST segments, with artifact; HR: 90 beats/min (atrial flutter rate: 250–350)

Chapter 3 Review #35

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #35



© Jones & Bartlett Learning.

Answer: Sinus rhythm with depressed ST segments,
with flat T waves; HR: 90 beats/min

Chapter 3 Review #36

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #36



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Answer: Sinus rhythm with elevated ST segments, hyperacute (elevated) T waves, and peaked P waves; HR: 70 beats/min

Chapter 3 Review #37

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #37



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Answer: Sinus rhythm with depressed ST segments and one PAC (4th complex), with prolonged QT intervals; HR: 90 beats/min

Chapter 3 Review #38

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #38



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Answer: Sinus rhythm with elevated ST segments, hyperacute (elevated) T waves, and peaked P waves; HR: 60 beats/min

Chapter 3 Review #39

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #39



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Answer: Atrial fibrillation with slow ventricular response;
HR: 50 beats/min (atrial fibrillation rate: 350–500)

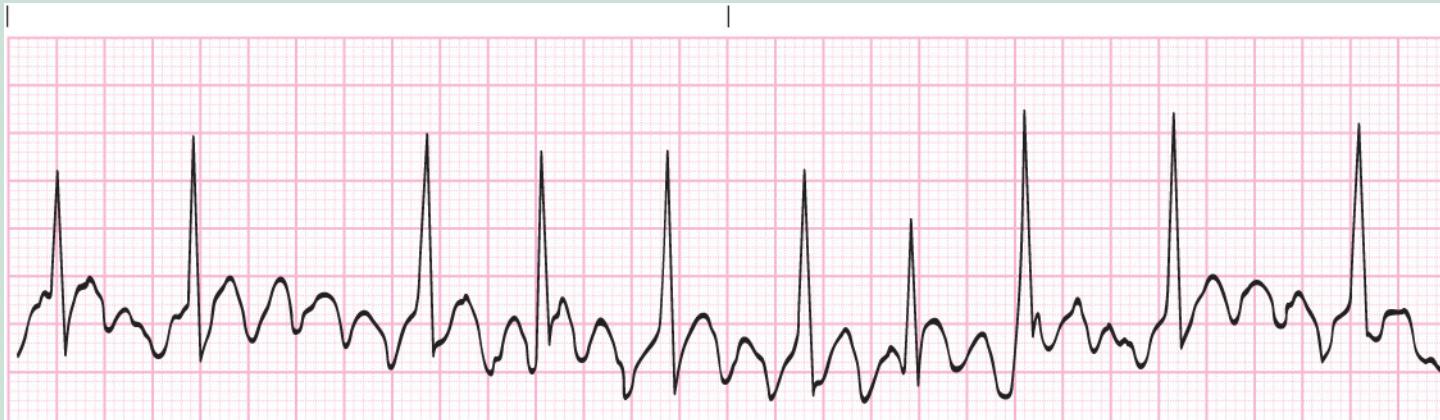
Chapter 3 Review #40

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #40

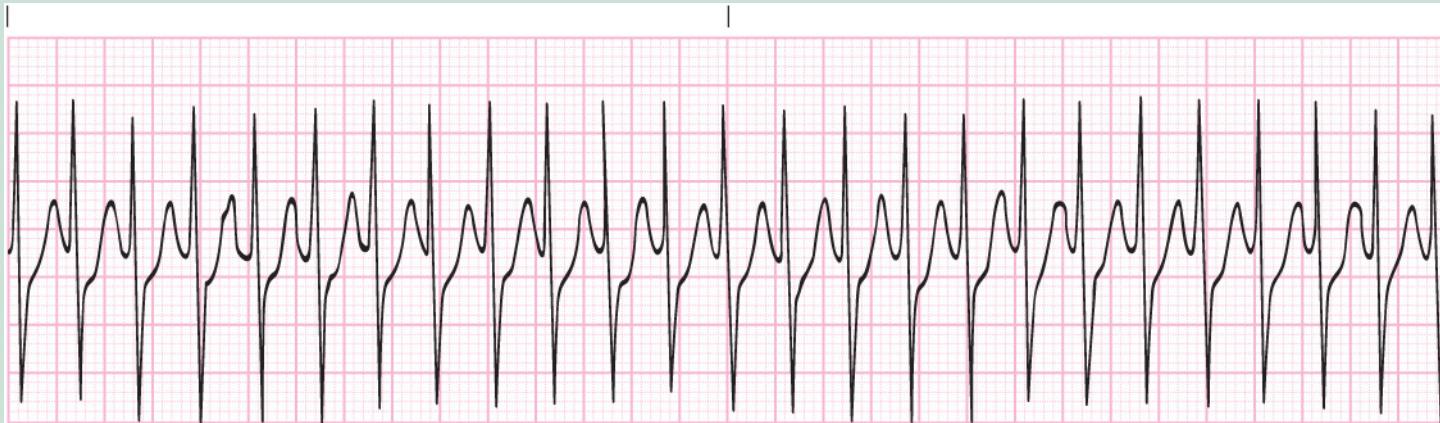


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Answer: Atrial flutter with varying block/ratio and wandering baseline;
HR: 100 beats/min (atrial flutter rate: 250–350)

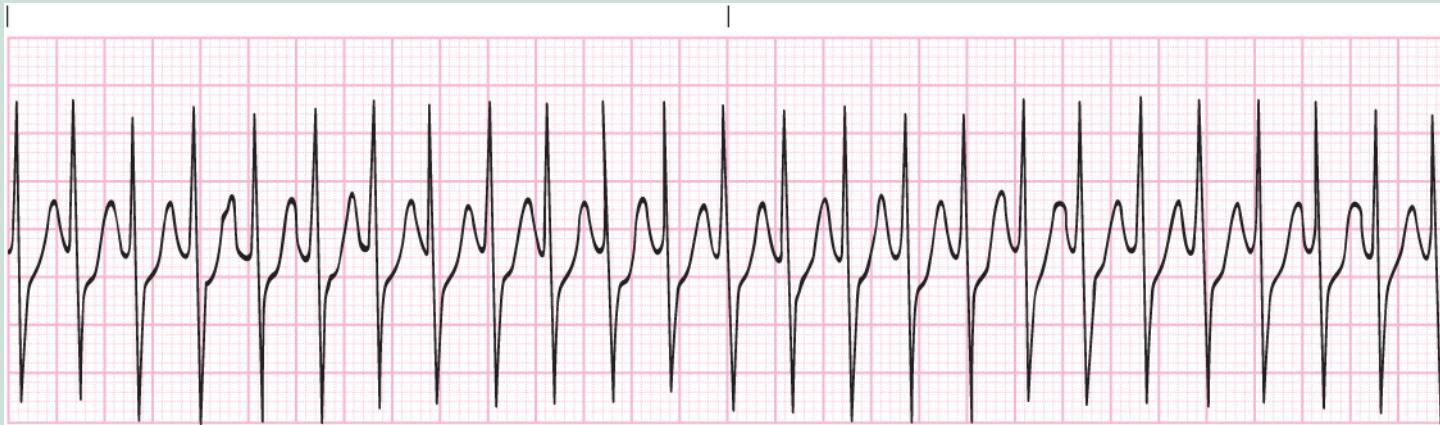
Chapter 3 Review #41

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #41



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Answer: Supraventricular tachycardia with depressed ST segments; with prolonged QT intervals; HR: 250 beats/min

Chapter 3 Review #42

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #42



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Answer: Sinus rhythm with notched P waves; HR: 80 beats/min

Chapter 3 Review #43

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #43



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Answer: Sinus rhythm with three PACs in a pattern of bigeminy (2nd, 4th, 6th complexes); HR: 70–80 beats/min

Chapter 3 Review #44

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #44

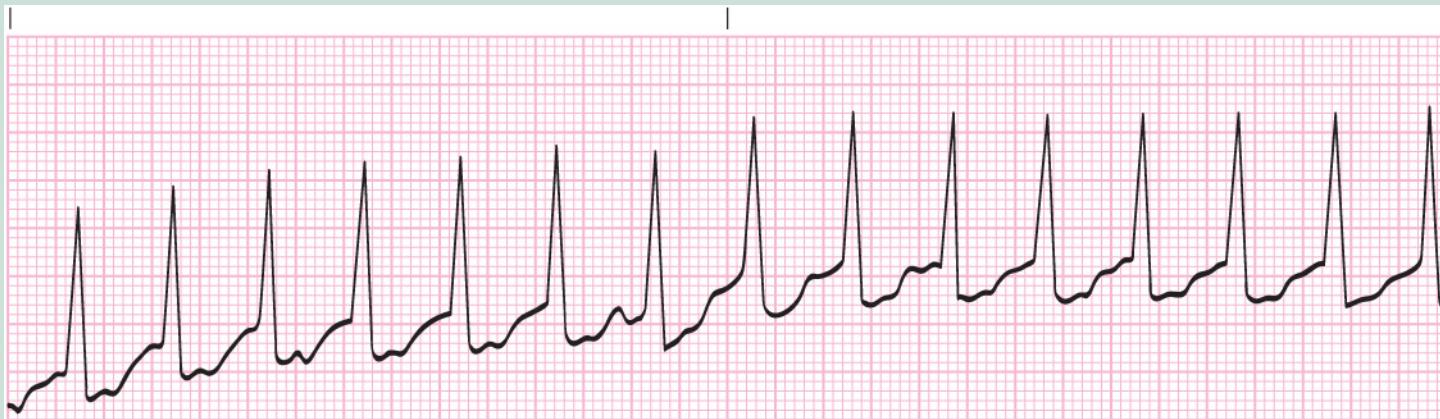


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Answer: Sinus tachycardia with three PACs (2nd, 4th, and 5th complexes), changing to PAT/PSVT, with depressed ST segments, prolonged QT intervals, with depressed (inverted) T waves; HR (calculated by 3-second method): first 3 seconds: 120 beats/min (sinus tachycardia); second 3 seconds: 180 beats/min (PAT/PSVT)

Chapter 3 Review #45

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #45



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Answer: Junctional tachycardia with depressed ST segments, prolonged QT intervals, with retrograde P waves and wandering baseline; HR: 150 beats/min

Chapter 3 Review #46

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #46



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Answer: Sinus rhythm with depressed ST segments, prolonged QT intervals, possible BBB and diphasic T waves; HR: 100 beats/min

Chapter 3 Review #47

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #47



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Answer: Sinus rhythm with prolonged QT intervals and artifact (possible patient movement); HR: 90 beats/min

Chapter 3 Review #48

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #48

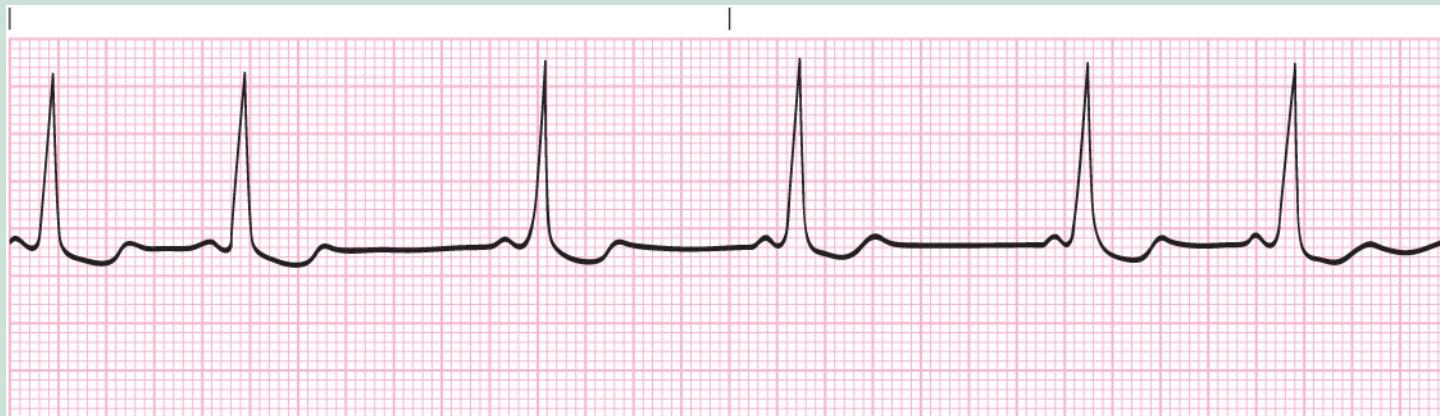


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Answer: Atrial fibrillation changing to atrial flutter with variable block/ratio;
HR: 70 beats/min (atrial fibrillation rate: 350–500,
atrial flutter rate: 250–350)

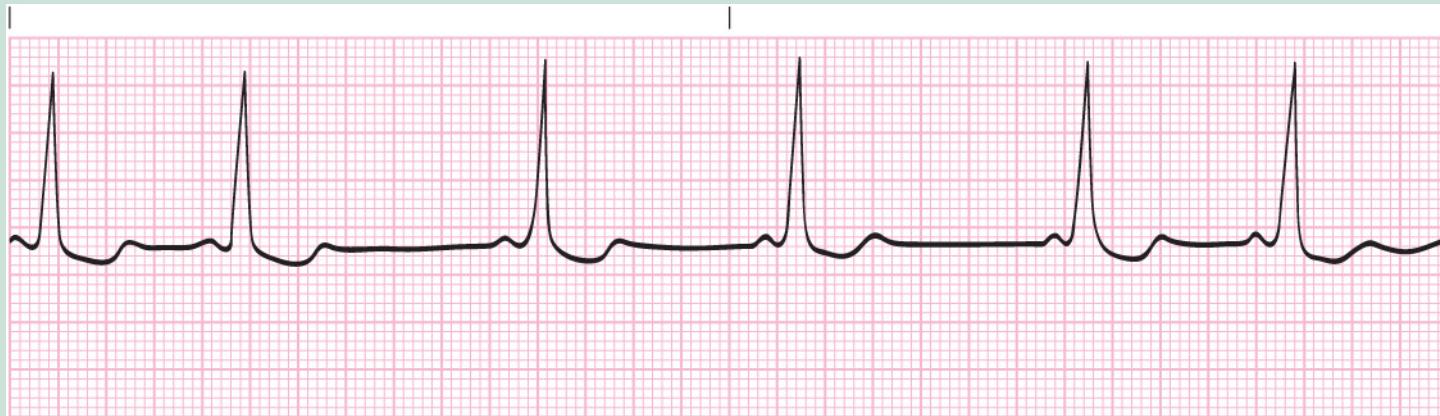
Chapter 3 Review #49

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #49

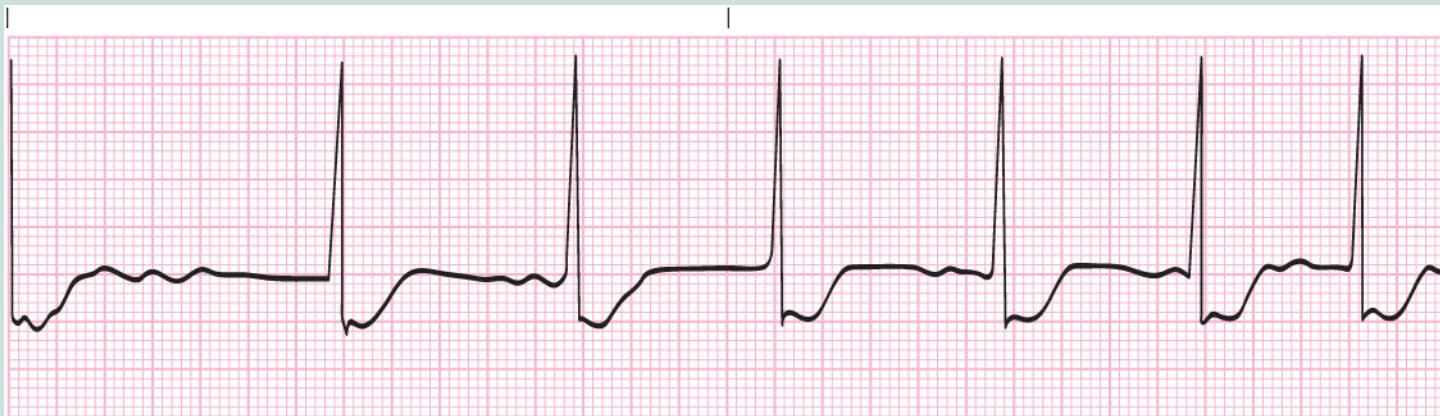


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Answer: Sinus arrhythmia; HR: 60 beats/min

Chapter 3 Review #50

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #50



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Answer: Atrial fibrillation with depressed ST segments and flat T waves;
HR: 70 beats/min (atrial fibrillation rate: 350–500)

Chapter 3 Review #51

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #51



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Answer: Atrial fibrillation with rapid ventricular response;
HR: 100 beats/min (atrial fibrillation rate: 350–500)

Chapter 3 Review #52

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #52



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Answer: Supraventricular tachycardia with prolonged QT intervals;
HR: 180 beats/min

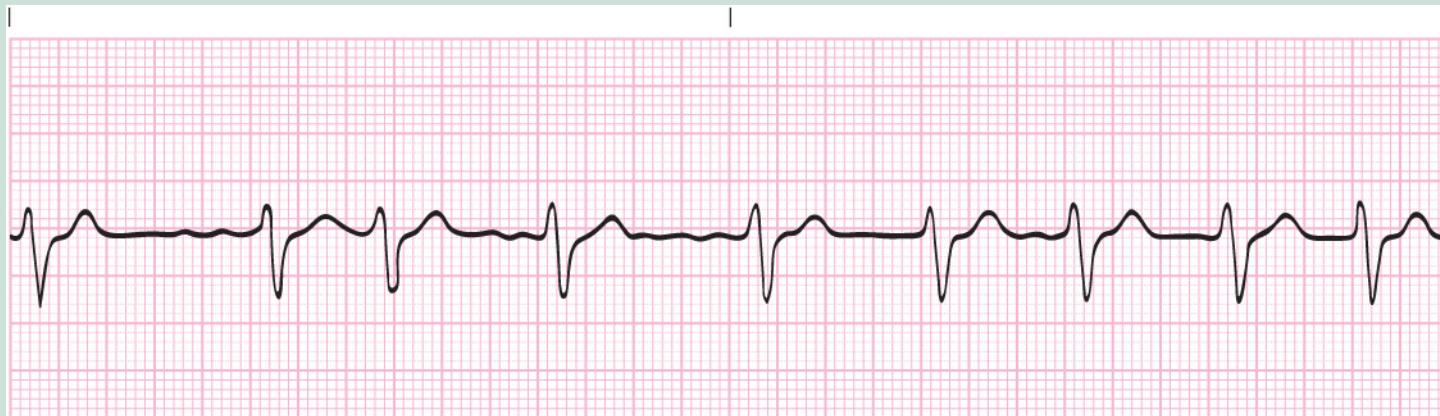
Chapter 3 Review #53

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #53



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Answer: Atrial fibrillation; HR: 90 beats/min (atrial fibrillation rate: 350–500)

Chapter 3 Review #54

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #54



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Answer: Atrial flutter with varying block/ratio;
HR: 100 beats/min (atrial flutter rate: 250–350)

Chapter 3 Review #55

Identify this rhythm strip and any abnormal components. Press the *down arrow* or *left click* on mouse for correct answer.



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Chapter 3 Review #55



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Answer: Sinus bradycardia; HR: 40 beats/min

Questions?

Please review Chapters 2, 3, and 8.