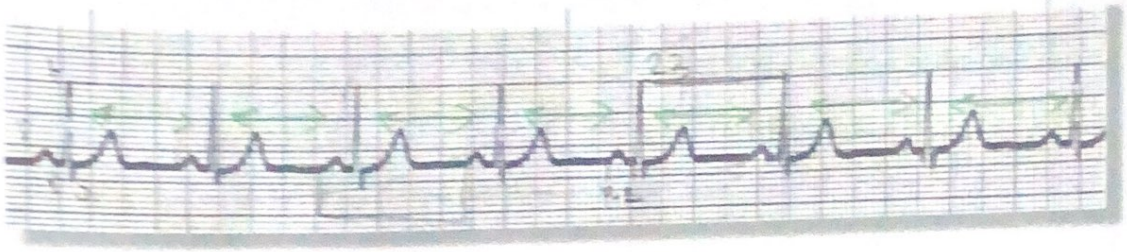
Anaicia Robles

Rhythm Strips Analysis for Practice

□ → 0.04
▯ → 0.20

Practice #1



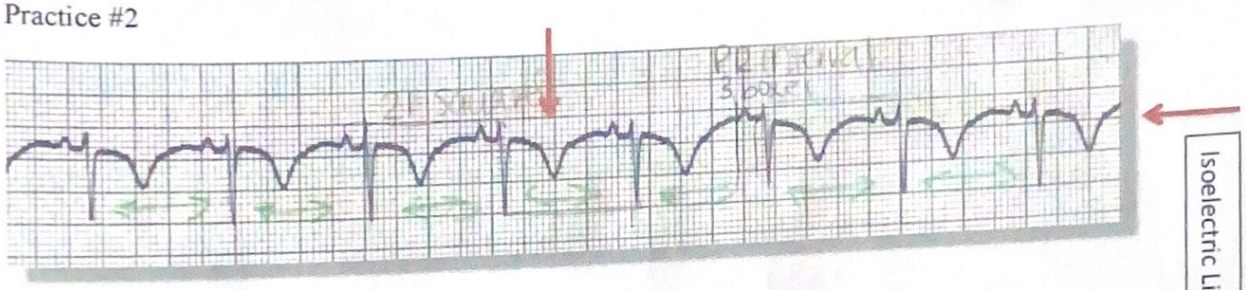
7 x 10 = 70 Bpm

1. What is the Rate? (Look at the atrial rate: P-P or ventricular rate: R-R) 23 boxes RR interval rate = HR = $\frac{1500}{23}$ = 65 bpm
2. Is there a "P" wave with every "QRS" complex? yes, each qrs has a P wave upright
3. What is the width of the "QRS"? 2 squares → 0.08 seconds
4. What is the length of the "PR" interval? 4 squares → 0.16secs
5. What is the rhythm? Normal Sinus Rhythm
6. Any complications with this rhythm? None
7. What interventions are anticipated? monitor for any changes in rhythm

Patricia Robles

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #2

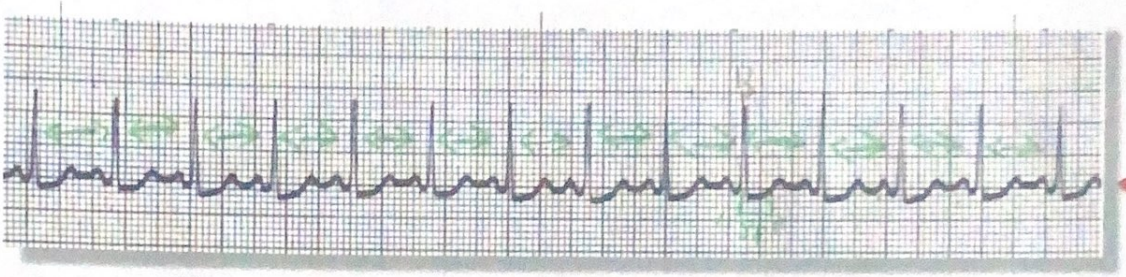


1. What is the Rate? 7 x 10 = 70 BPM
   (Look at the atrial rate: P-P or ventricular rate: R-R) 21 squares 500/21 = 71.4 → 71 bpm
2. Is there a "P" wave with every "QRS" complex? Yes, upright P with every QRS
3. What is the width of the "QRS"? 2 squares → 0.04 x 2 → 0.08 sec
4. What is the length of the "PR" interval? 3 box → 0.04 x 3 → 0.12 sec
5. What is the rhythm? Sinus rhythm with inverted T wave
6. Any complications with this rhythm? Ischemia
7. What interventions are anticipated? Oxygen, cardiac assessment, 12 lead EKG, call physician with results

Malica Robles

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #3



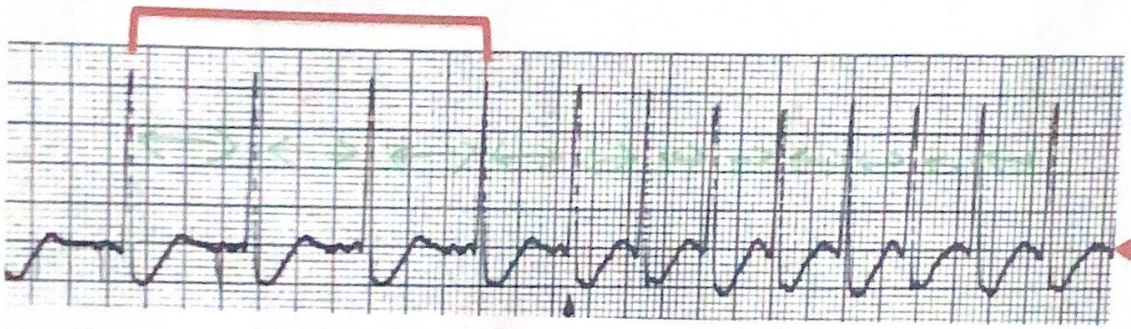
13X10 = 130 BPM

1. What is the Rate? 13 box 1500/13 = 115 BPM
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? Yes, upright P with every QRS
3. What is the width of the "QRS"? 2 Squares → 0.08 sec
4. What is the length of the "PR" interval? 3 Squares → 0.12 sec
5. What is the rhythm? Sinus Tachycardia with extended "ST"
6. Any complications with this rhythm? Loss of Atrial relax and refill time
7. What interventions are anticipated?
   - Possible hypovolemia → IV fluids
   - medication
   - Treat cause

Analicia Robles

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #4

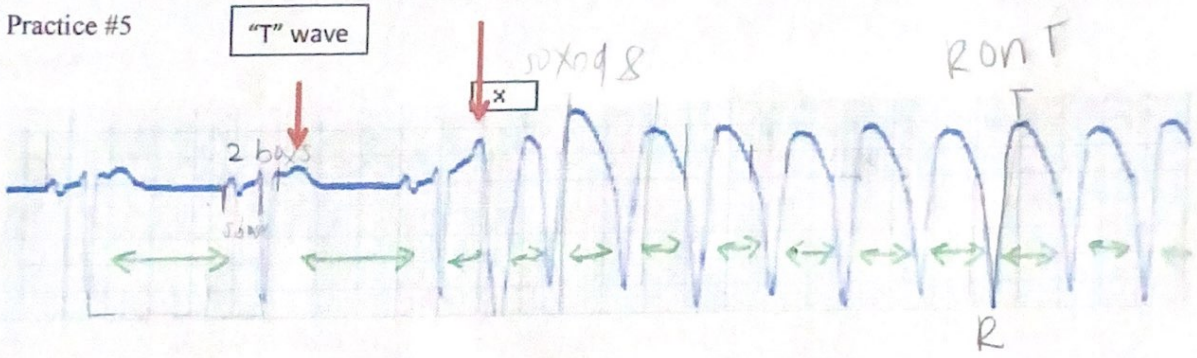


11 = 11 x 10 = 110 Bpm

1. What is the Rate? 15 '1500/15=100 → 1500/8 = 187 bpm
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? NO not a P with QRS
3. What is the width of the "QRS"? 2 Squares → 0.04x2 → 0.08 sec
4. What is the length of the "PR" interval? NO PR
5. What is the rhythm? Paroxysmal Atrial fibrillation with Rapid ventricular Response (RVR)
6. Any complications with this rhythm? NO contraction of Atrial
7. What interventions are anticipated? medication → antiarrhythmic
   If hemodynamically stable → blood pressure is good
   synchronized cardioversion
   IF hemodynamically unstable → blood pressure not good

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #5



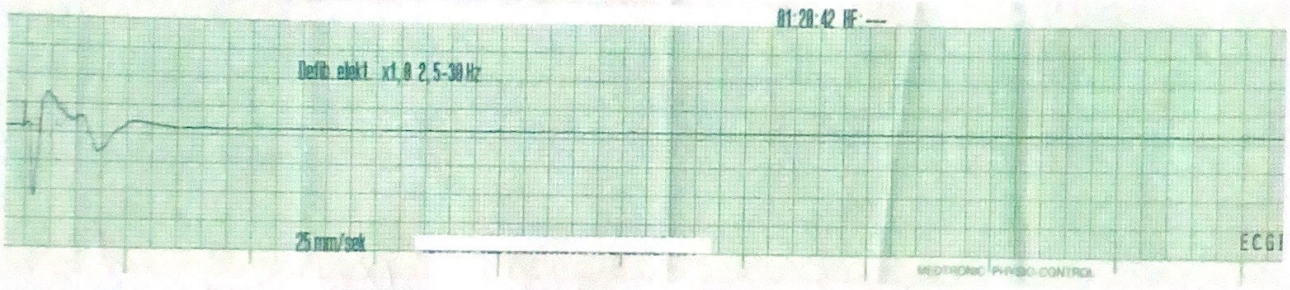
12X10 = 120

1. What is the Rate? 20 boxes 1500/20 → ~~75~~ first 3 → V-tach the rest
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? First 3 QRS yes
3. What is the width of the "QRS"? First 3 0.08 sec / 8 boxes → 0.32 abnormal
4. What is the length of the "PR" interval? 5 boxes → 0.04 x 5 → 20 sec
5. What is the rhythm? R on T Phenomenon VTach
6. Any complications with this rhythm? loss of perfusion
7. What interventions are anticipated? Vagal maneuver if stable medication, Defibrillator pads & shock with CPR

Analicia Robles

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #6

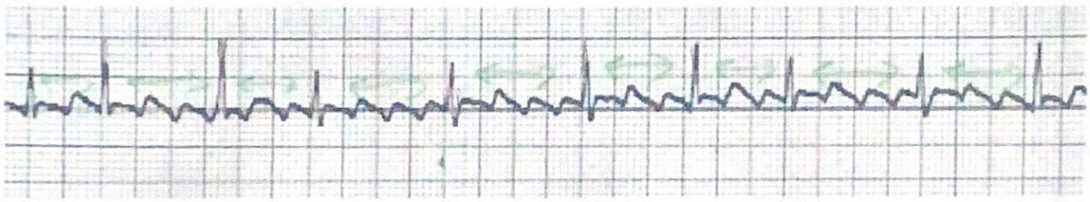


1. What is the Rate? See if patient is responding if so not asystole
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? No P wave
3. What is the width of the "QRS"? 4 boxes → 165
4. What is the length of the "PR" interval? No PR interval
5. What is the rhythm? Asystole → Flatline
6. Any complications with this rhythm? → Death no heart rhythm
7. What interventions are anticipated? Not a rhythm to defibillate, CPR check leads

Analicia Robles

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #7

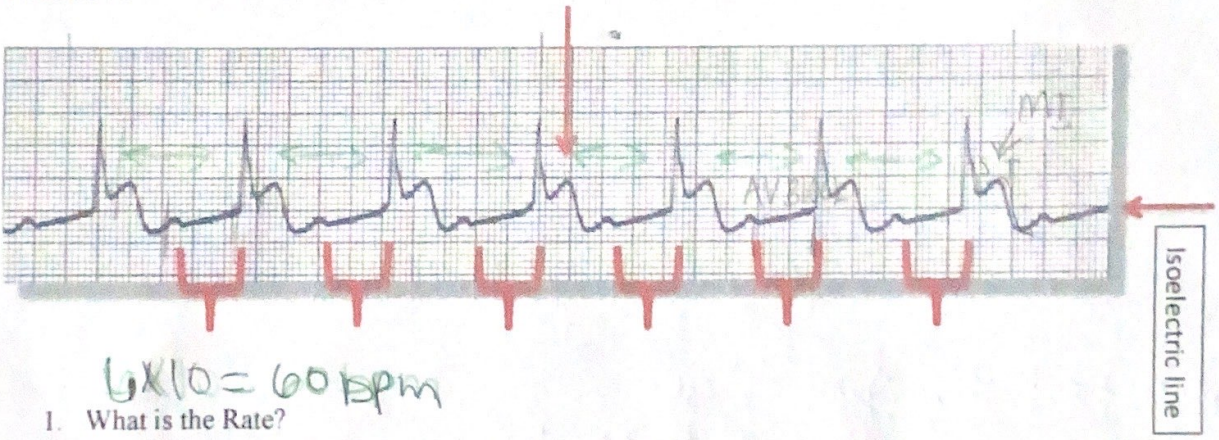


1. What is the Rate? 15-17 boxes About 100 Bpm 1X10 90 Bpm
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? NO P waves Rapid → f waves
3. What is the width of the "QRS"? 2 boxes 0.08 normal
4. What is the length of the "PR" interval? NO PR intervals
5. What is the rhythm? Atrial flutter → Atrial beats too quickly
6. Any complications with this rhythm? Decreased Cardiac Output / Stroke
7. What interventions are anticipated? Synchronized cardioversion first 48 hrs or blood pressure is unstable if more than 48 hrs and blood pressure is stable anticoagulation therapy

Paulina Robles

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #8



6 x 10 = 60 bpm

1. What is the Rate?
   (Look at the atrial rate: P-P or ventricular rate: R-R)
2. Is there a "P" wave with every "QRS" complex? Yes upright P with QRS
3. What is the width of the "QRS"? 4 boxes → 165
4. What is the length of the "PR" interval? 12 boxes 0.48 sec
5. What is the rhythm? Sinus rhythm with 1st degree AV Block & ST elevation MI
6. Any complications with this rhythm? MI can result in death
7. What interventions are anticipated? MONA protocal → NTG