

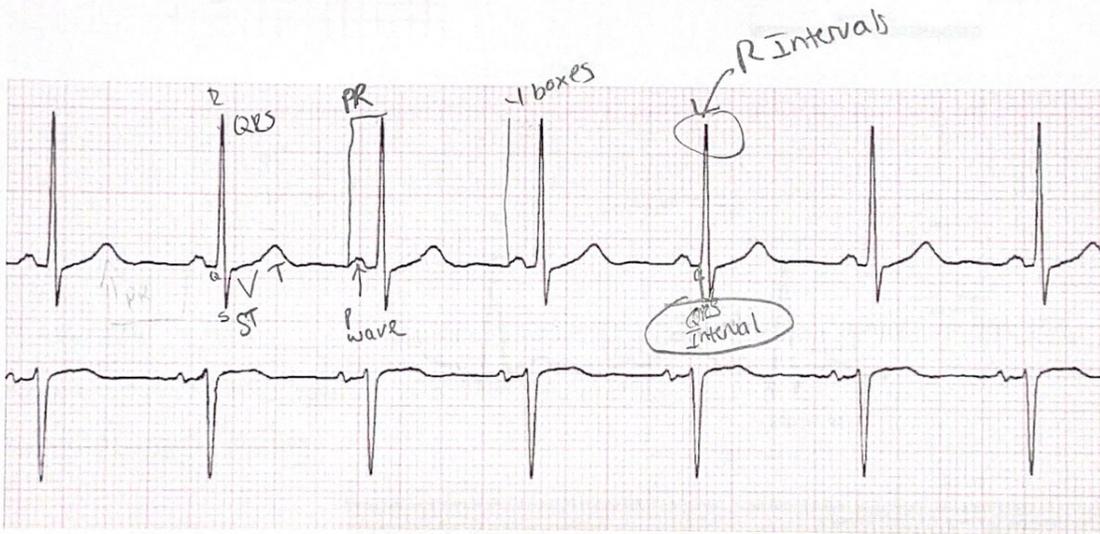
Six Basic Steps for Rhythm Interpretation

1. Rate: (Calculate the heart rate (HR) or note the HR from the monitor)
2. Regularity: (Measure the regularity or rhythm of the R waves)
3. P-wave Examination: Is there one P wave before each QRS? (there should be)
4. P to R Interval: (Measure the P to R interval - Is it within normal limits? It is consistent?)
5. QRS Width: (Measure the duration of the QRS complex)
6. Rhythm Interpretation

N321 Adult Health EKG Practice

Please determine heart rate, irregular or regular rhythm, P wave before QRS, PR interval, QRS interval

Then answer if Normal sinus rhythm, Sinus Bradycardia, Sinus Tachycardia, Asystole



1. Heart Rate 70 Regular or irregular R P wave before each QRS yes

Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.04

Answer: NSR 0.04×4

Sinus Brady = $HR < 60$
 Sinus Tachy = $HR > 100$

Asystole = NO HR
 NSR = $HR = 60-100$

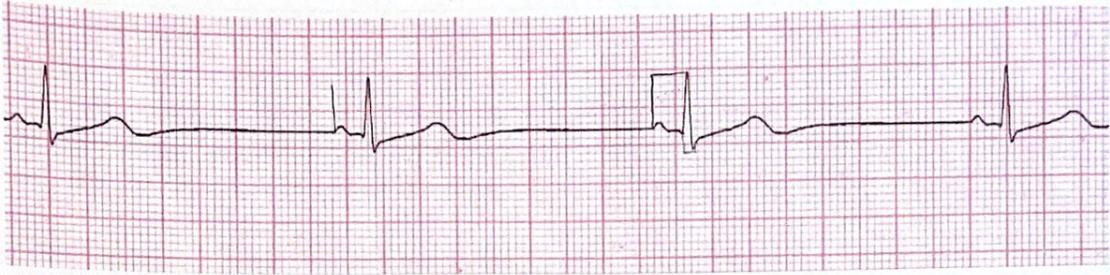
Regular or irregular.

Do the R's match up or sync together?

PR:

Beginning of P wave to the R interval

QRS:



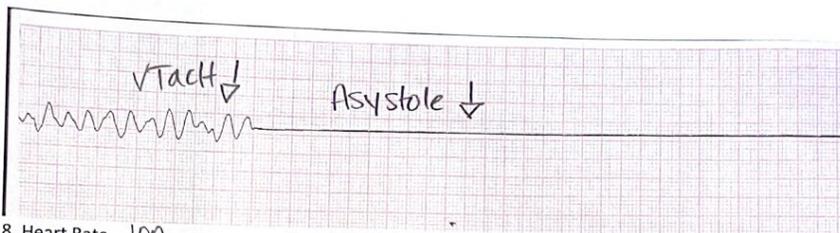
6. Heart Rate 40 Regular or irregular Regular P wave before each QRS Yes
Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.04

Answer: Sinus Brady



7. Heart Rate 140 Regular or irregular Irregular P wave before each QRS Yes
Between PR (0.12-0.20) 0.24 QRS 0.04-0.10 0.16

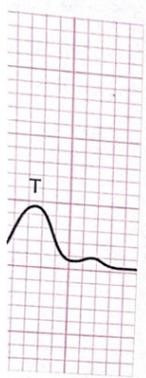
Answer: Sinus Tachy



8. Heart Rate 100 Regular or irregular Irregular P wave ⊖

Answer: VTach to Asystole

before each C

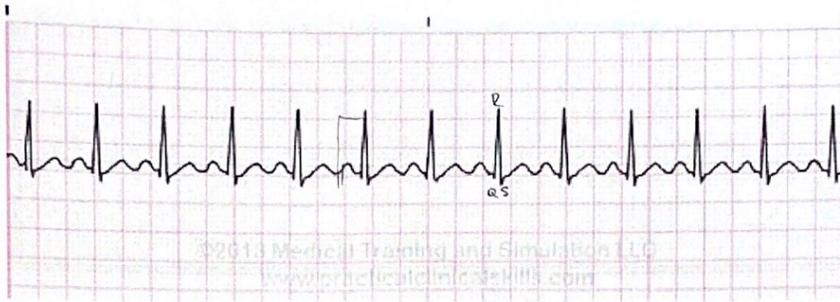


9. Heart Rate 90 Regular or irregular Regular P wave before each QRS Yes

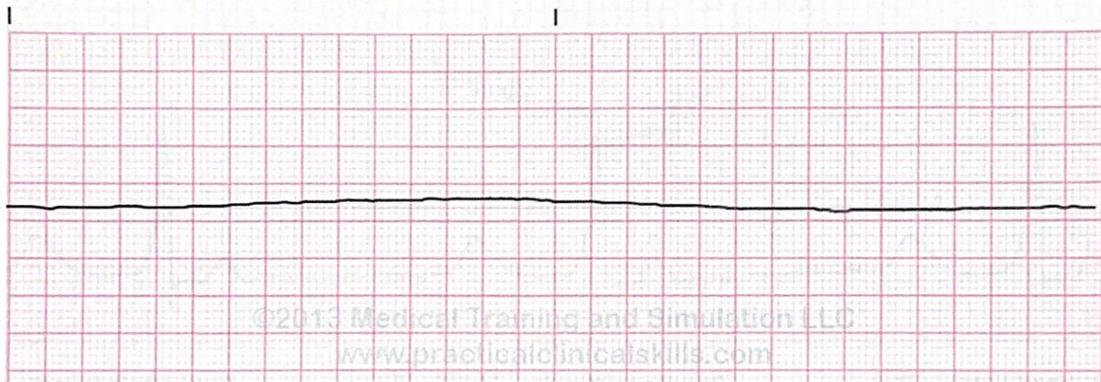
Between PR (0.12-0.20) 0.20 QRS 0.04-0.10 0.04

Answer: NSR

ave N



4. Heart Rate 130 Regular or irregular Regular P wave before each QRS Yes
 Between PR (0.12-0.20) 0.20 QRS 0.04-0.10 0.20
 Answer: Sinus Tachy



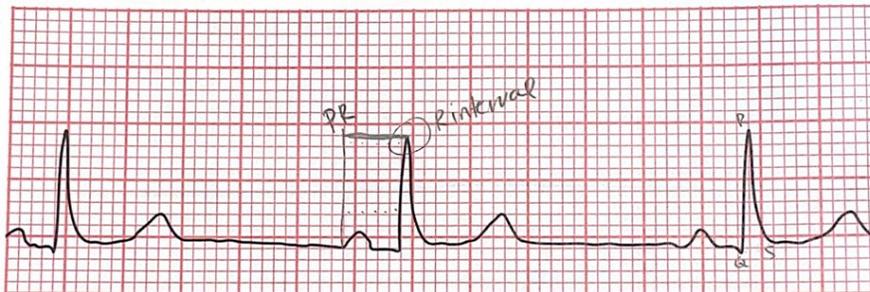
5. Heart Rate 0 Regular or irregular irregular P wave N
 Answer: Asystole
They Dead



2. Heart Rate 90 Regular or irregular Regular P wave before each QRS Y

Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.10

Answer: NSR

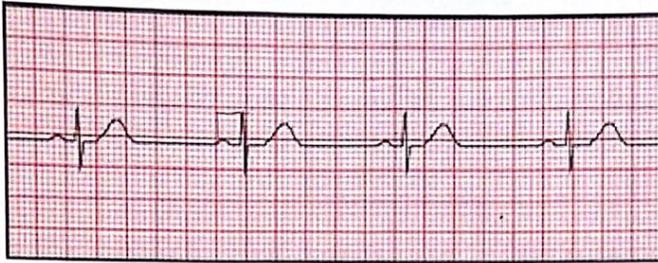


3. Heart Rate 30 Regular or irregular irregular P wave before each QRS Y

Between PR (0.12-0.20) 0.20 QRS 0.04-0.10 0.10

Answer: Sinus Brady

$HR = \# \text{ of R's} \times 10$



← mild T elevation

10. Heart Rate 40 Regular or irregular Regular P wave before each QRS Yes

Between PR (0.12-0.20) 0.20 QRS 0.04-0.10 0.08

Answer: Sinus Brady