

Six Basic Steps for Rhythm Interpretation

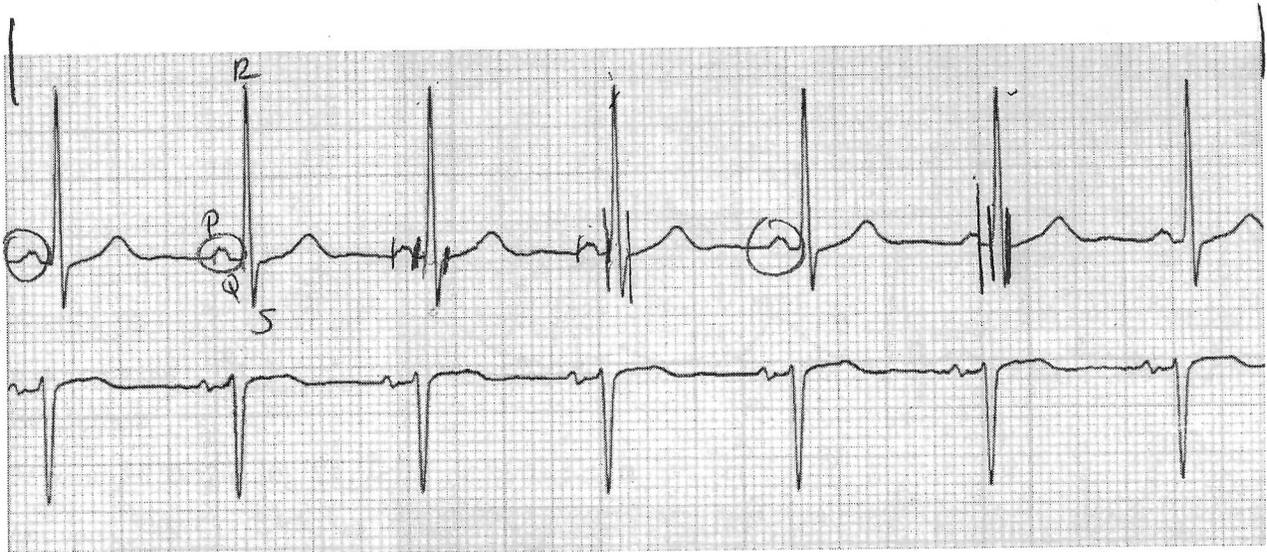
1. Rate: (Calculate the heart rate (HR) or note the HR from the monitor)
2. Regularity: (Measure the regularity or rhythm of the R waves)
3. P-wave Examination: Is there one P wave before each QRS? (there should be)
4. P to R Interval: (Measure the P to R interval - Is it within normal limits? It is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

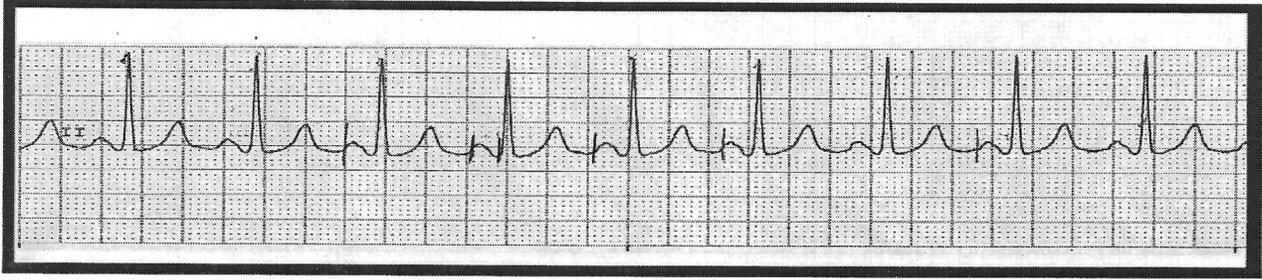
Then answer if Normal sinus rhythm, Sinus Bradycardia, Sinus Tachycardia, Asystole



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

(3) Between PR (0.12-0.20) 0.12 QRS 0.04-0.10 0.08 (2)

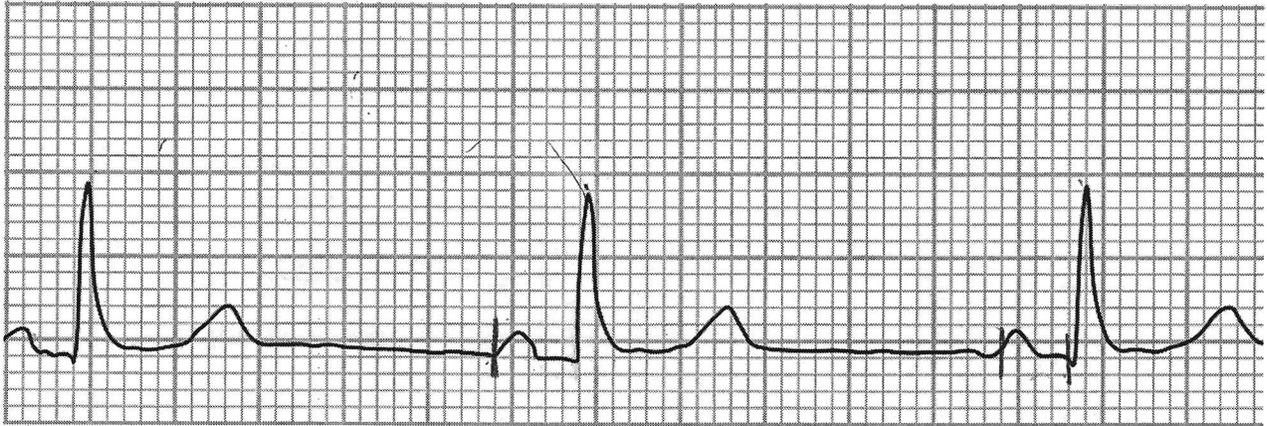
Answer: NSR



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

(4) Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.08 (2)

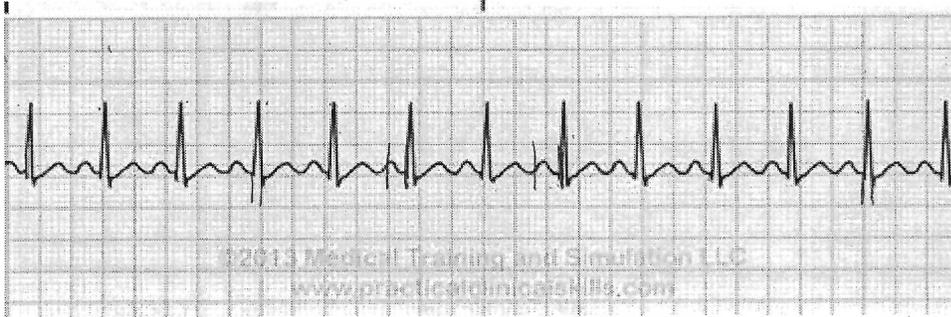
Answer: NSR



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

(5) Between PR (0.12-0.20) 0.20 QRS 0.04-0.10 0.08 (2)

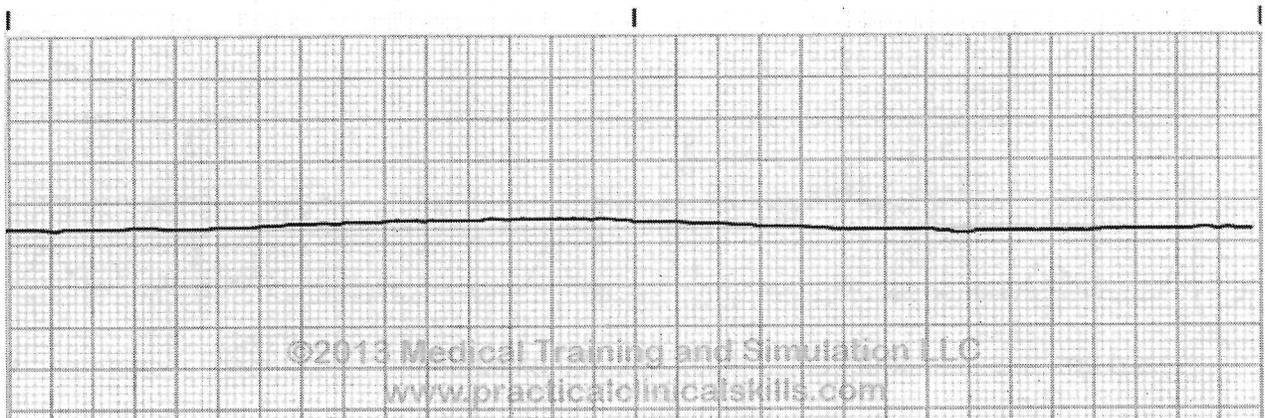
Answer: Sinus bradycardia



4. Heart Rate 130 Regular or irregular Regular P wave before each QRS yes

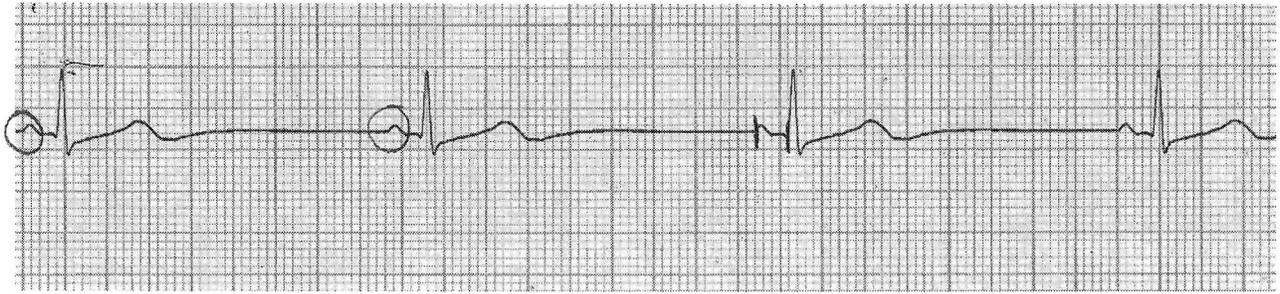
(4) Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.04 (0.06?)

Answer: Sinustachycardia (2-2.5)



5. Heart Rate 0 Regular or irregular n/a P wave n/a

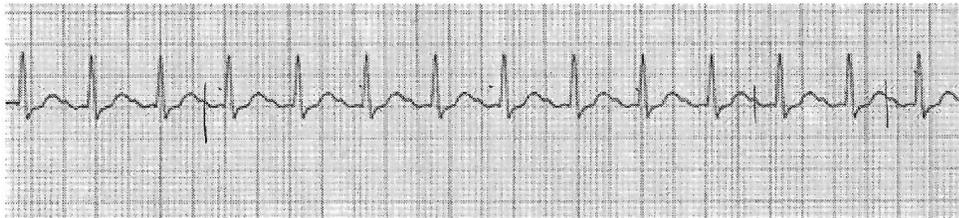
Answer: asystole



6. Heart Rate 40 Regular or irregular regular P wave before each QRS yes

(4) Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.08 (2)

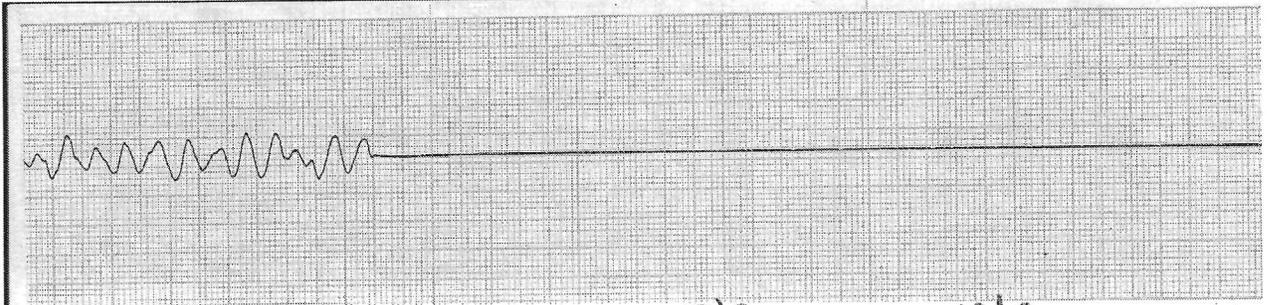
Answer: Sinus brachy



7. Heart Rate 140 Regular or irregular reg. P wave before each QRS yes

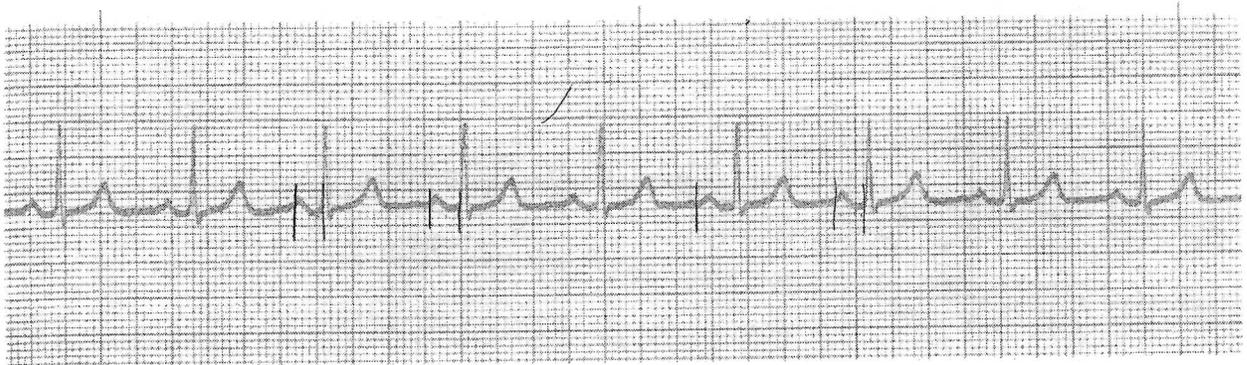
(4-5?) Between PR (0.12-0.20) 0.16-0.20 QRS 0.04-0.10 0.08 (2)

Answer: Sinus tach



8. Heart Rate 0 Regular or irregular n/a P wave n/a

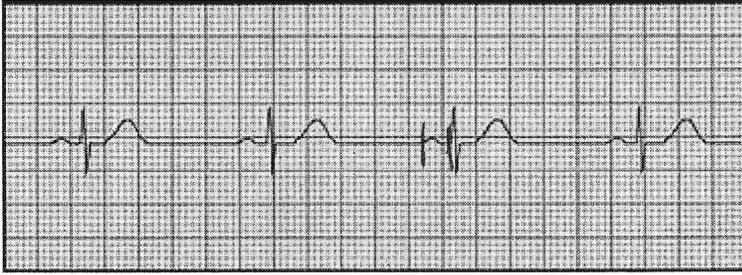
Answer: Asystole



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

Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.08

Answer: NSR



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

(4) Between PR (0.12-0.20) 0.16 QRS 0.04-0.10 0.08 (2)

Answer: Sinus brady.