

### Six Basic Steps for Rhythm Interpretation

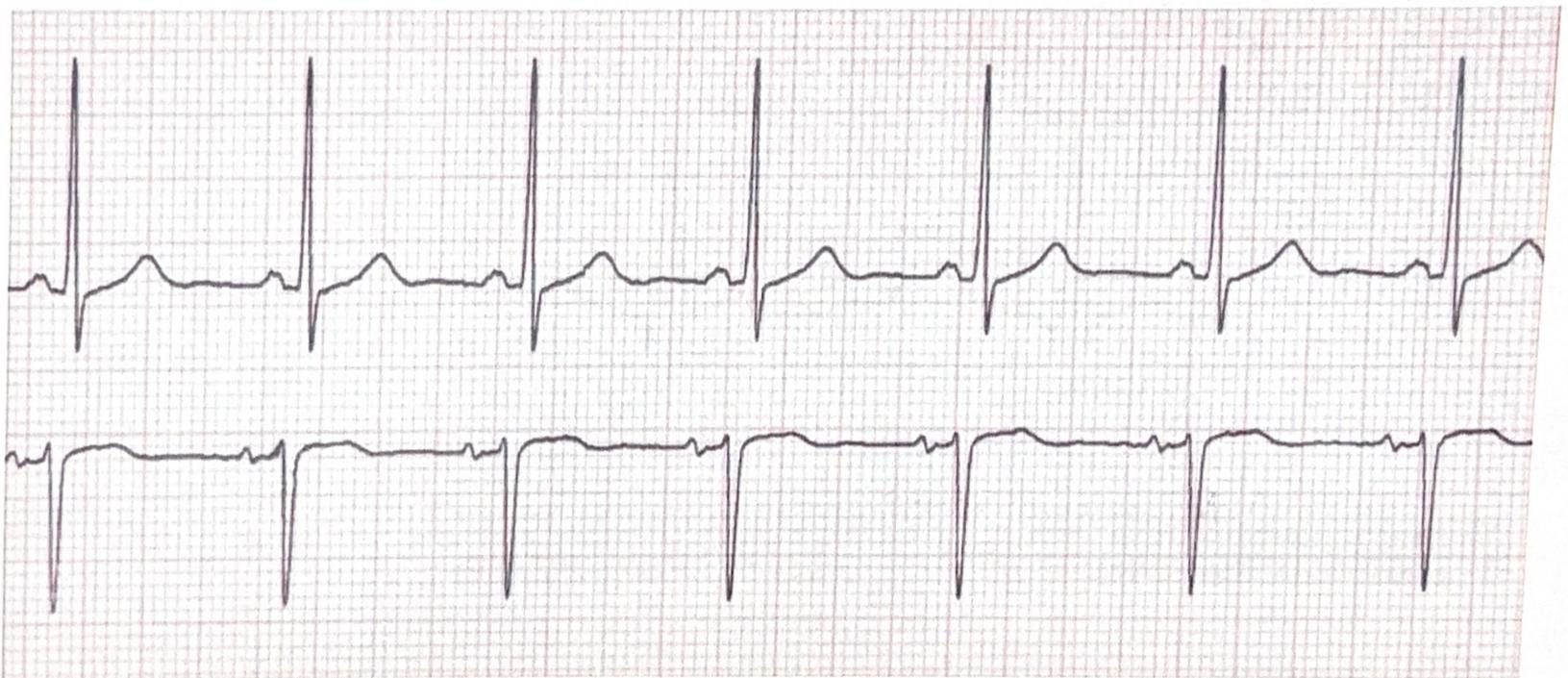
1. Rate: (Calculate the heart rate (HR) or note the HR from the monitor)
2. Regularity: (Measure the regularity or rhythm of the R waves)
3. P-wave Examination: Is there one P wave before each QRS? (there should be)
4. P to R Interval: (Measure the P to R interval - Is it within normal limits? It is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

N321 Adult Health EKG Practice

### Please assume these are 6s strips

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



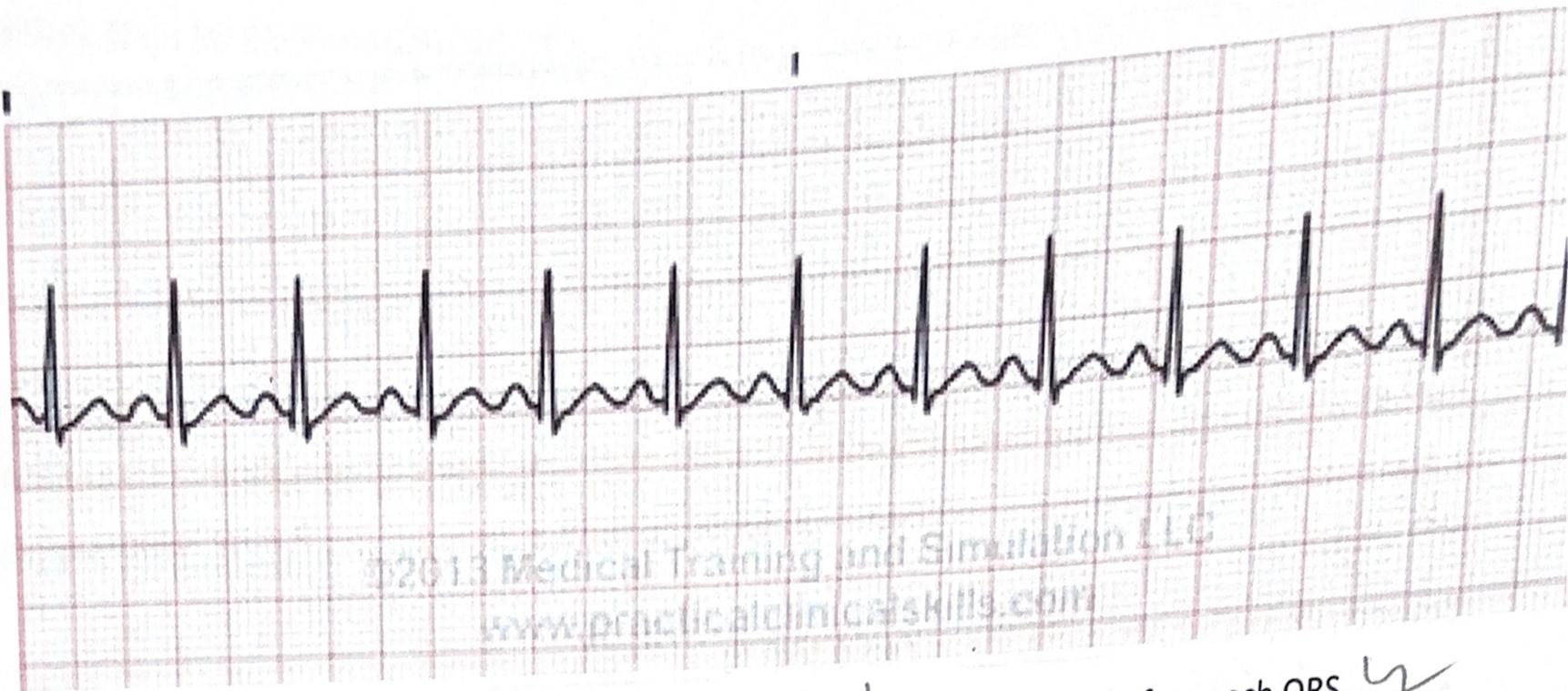
1. Heart Rate 70 Regular or irregular reg P wave before each QRS y  
Between PR (0.12-0.20) 0.12 QRS 0.06-0.12 0.08  
Answer: Normal sinus rhythm



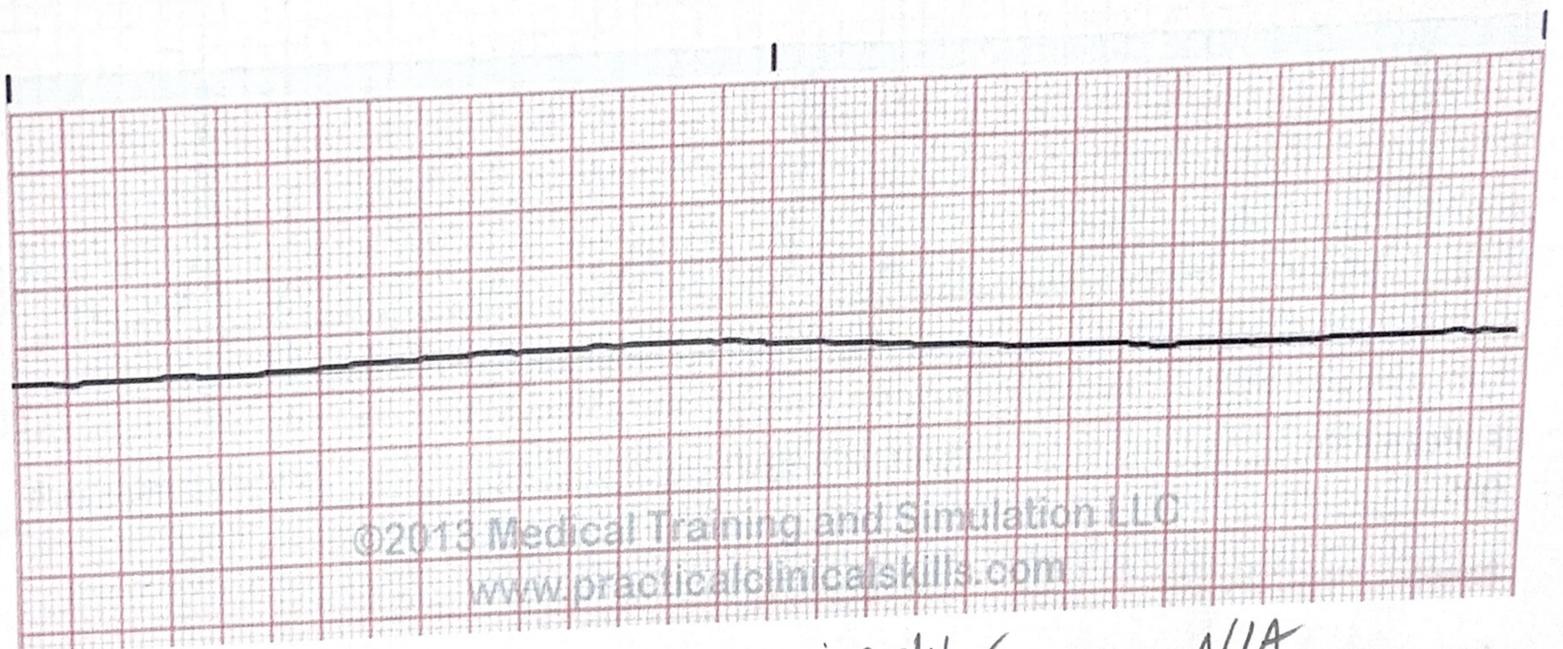
2. Heart Rate 90 Regular or irregular regular P wave before each QRS y  
 Between PR (0.12-0.20) 0.16 QRS 0.06-0.12 0.08  
 Answer: NSR



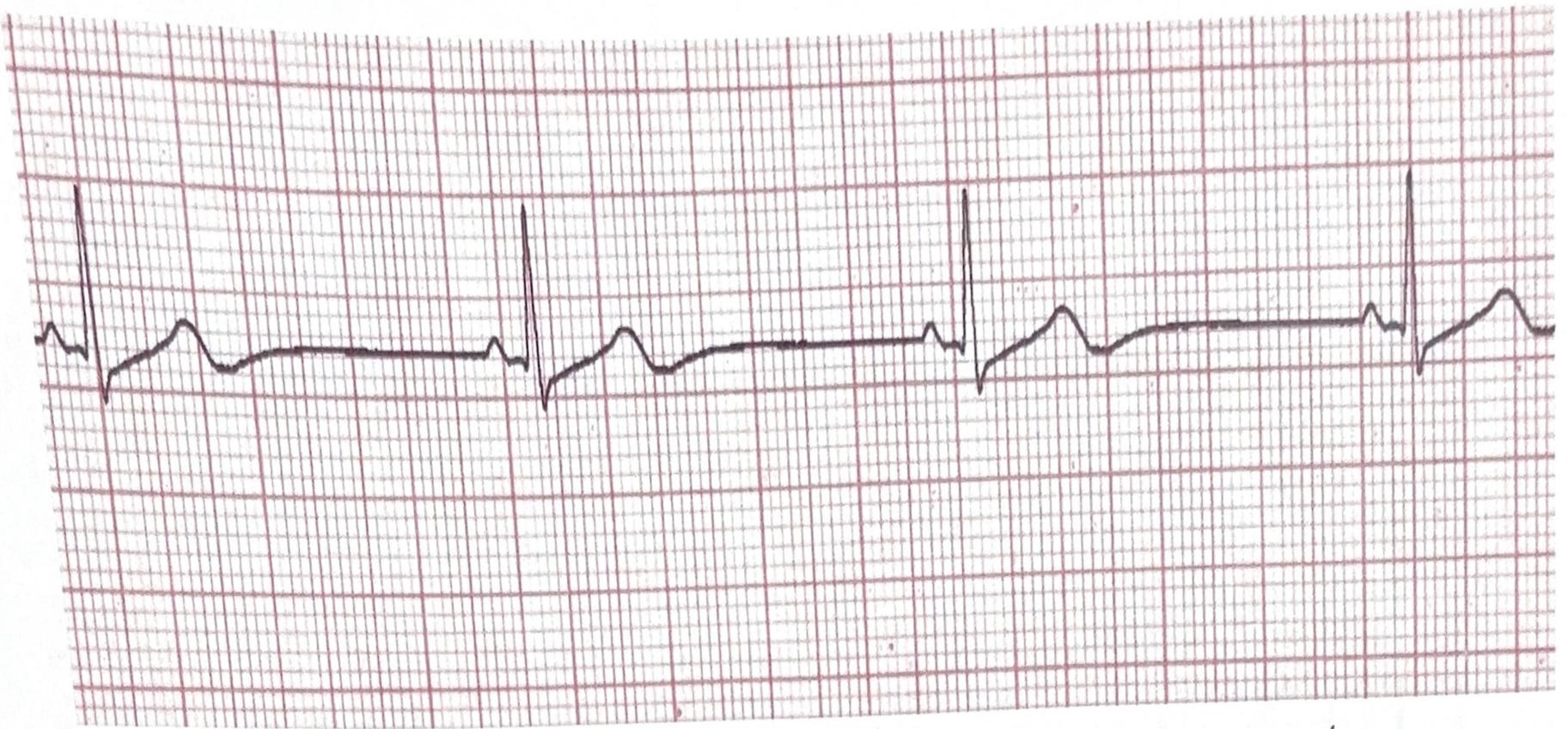
3. Heart Rate 30 Regular or irregular regular P wave before each QRS y  
 Between PR (0.12-0.20) 0.20 QRS 0.06-0.10 0.12  
 Answer: Sinus Bradycardia



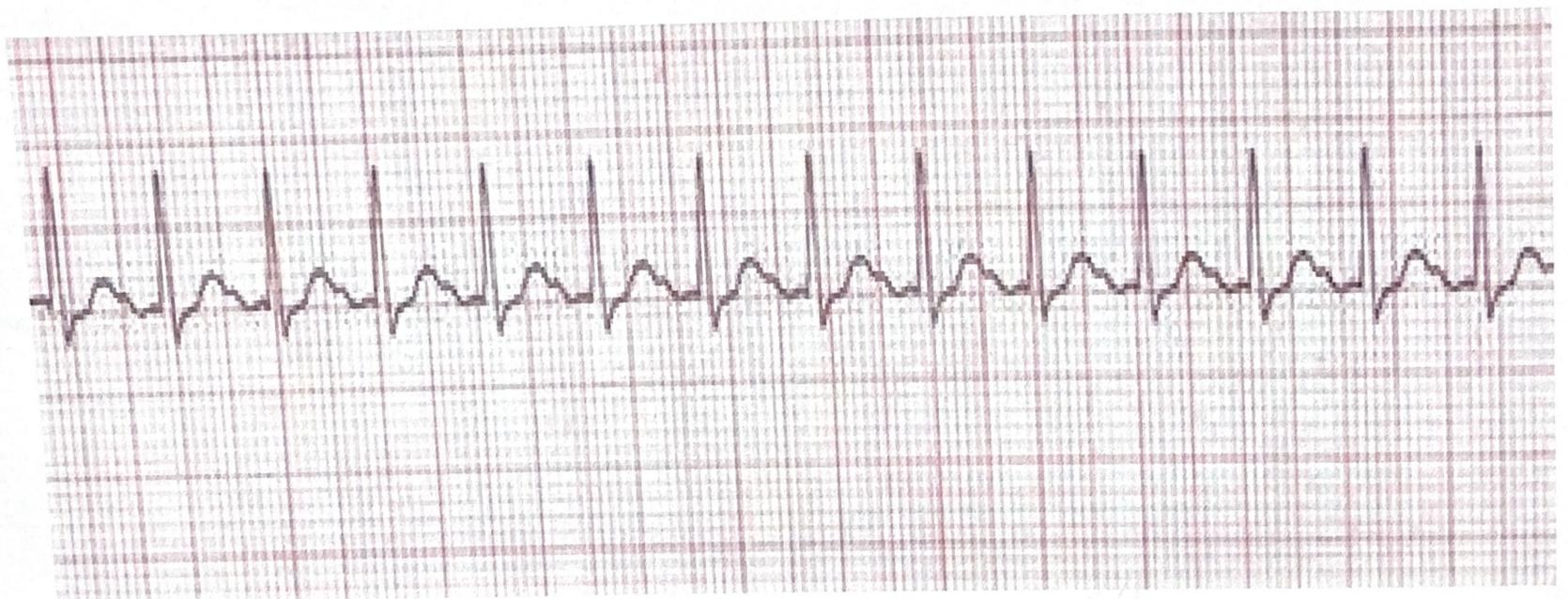
4. Heart Rate 130 Regular or irregular regular P wave before each QRS y  
 Between PR (0.12-0.20) 0.16 QRS 0.06-0.12 0.08  
 Answer: Sinus Tachycardia



5. Heart Rate 0 Regular or irregular irregular P wave N/A  
 Answer: Asystole

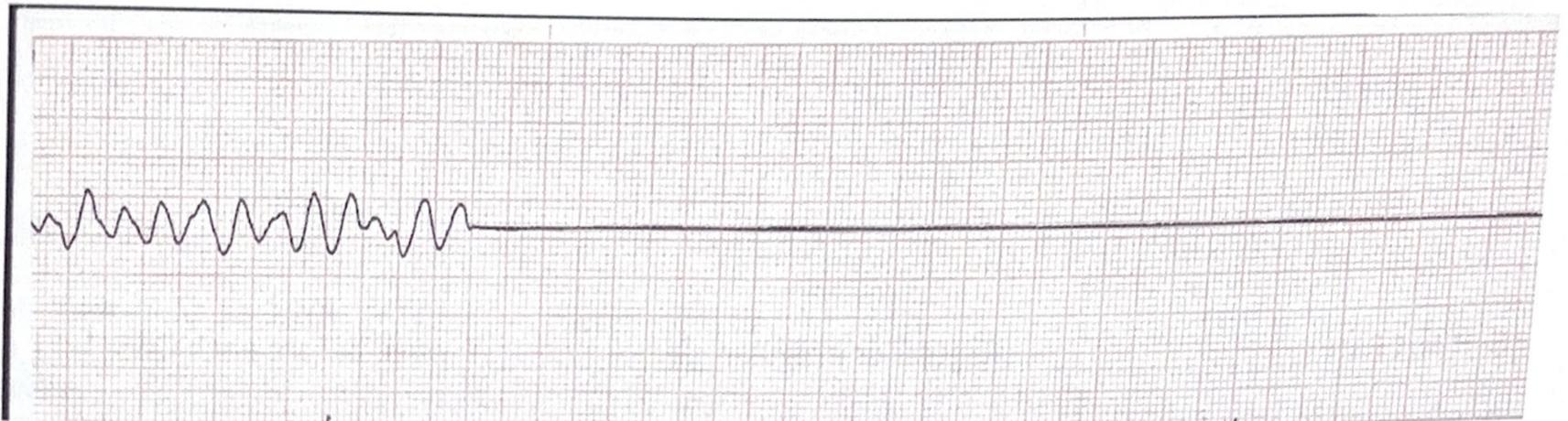


6. Heart Rate 40 Regular or irregular regular P wave before each QRS y  
 Between PR (0.12-0.20) 0.16 QRS 0.06-0.12 0.08  
 Answer: Sinus Bradycardia



7. Heart Rate 140 Regular or irregular regular P wave before each QRS y  
 Between PR (0.12-0.20) 0.08 QRS 0.06-0.12 0.08  
 Answer: Sinus Tachycardia

Dead



8. Heart Rate 0 bpm Regular or irregular irregular P wave N/A

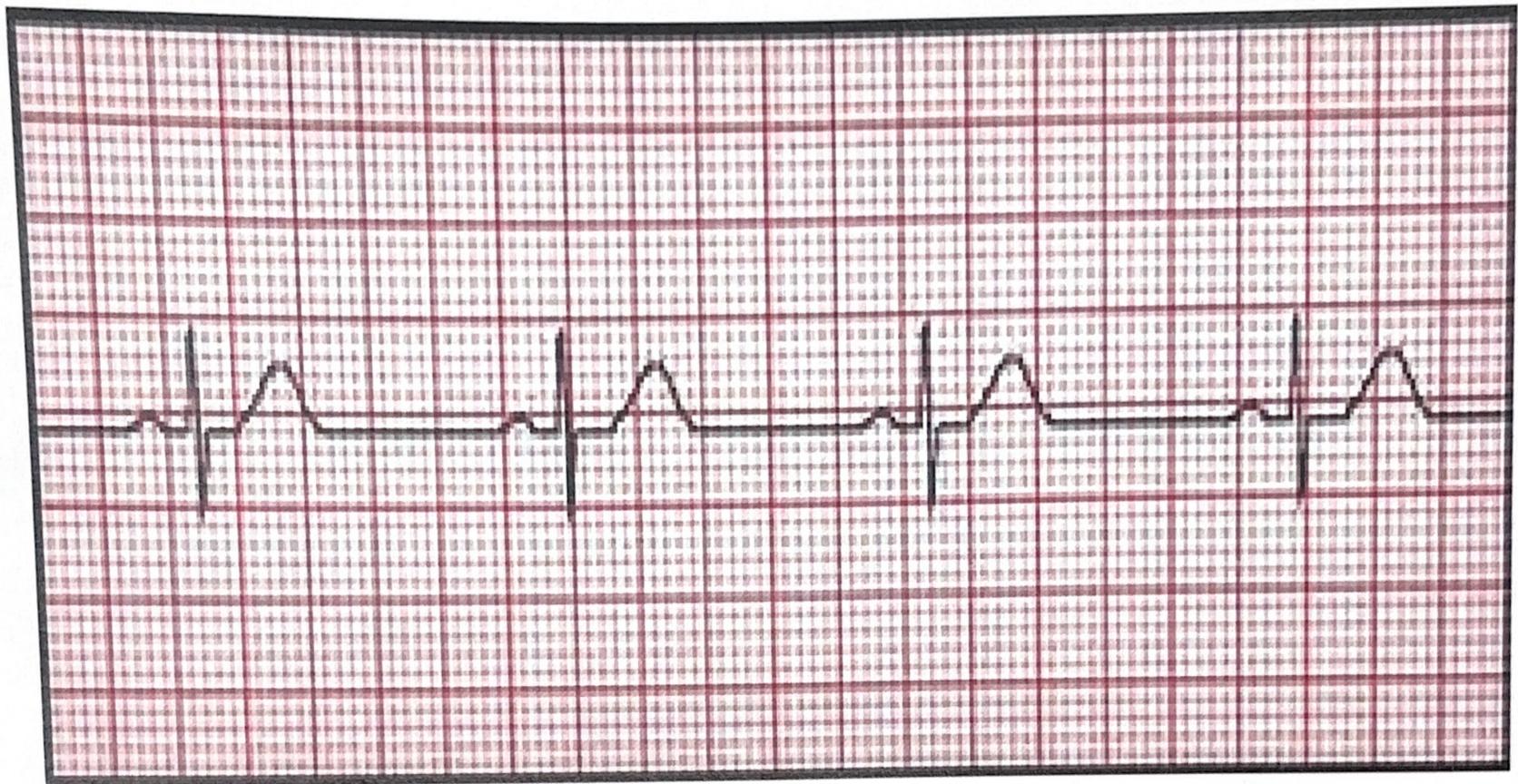
Answer: Asystole



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

each QRS ✓ Between PR (0.12-0.20) 0.20 QRS 0.06-0.12 0.06

Answer: NSR



10. Heart Rate 40 Regular or irregular regular P wave before  
 each QRS y  
 Between PR (0.12-0.20) 0.16 QRS 0.06-0.12 0.08  
 Answer: sinus bradycardia