

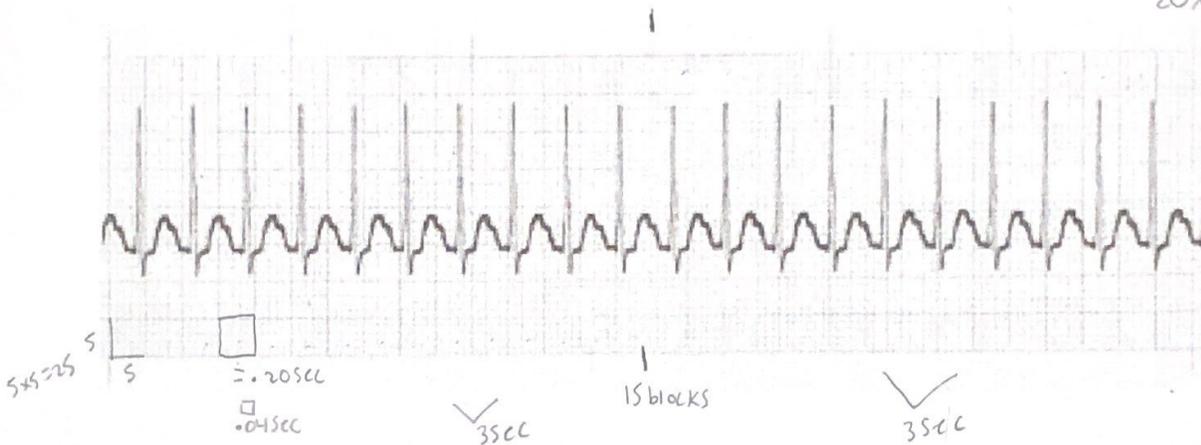
ECG Practice

Identify this rhythm SVT

Calculate heart rate 200

What nursing actions will you take Vagal stimulation, IV adenosine, IV  $\beta$ -adrenergic blockers, IV  $Ca^{2+}$  channel blocker, Amiodarone, DC cardioversion

$20 \times 10 = 200$

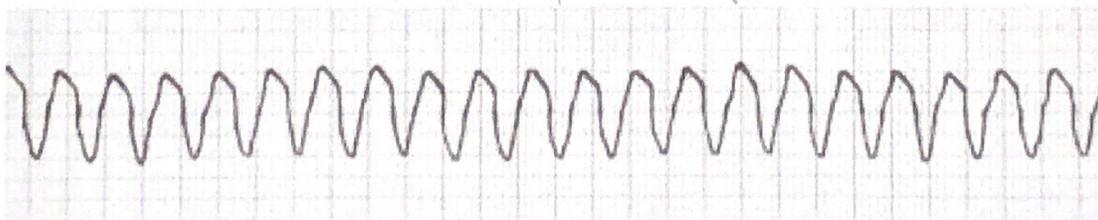


Identify this rhythm Ventricular Tachycardia

Calculate heart rate 200

What nursing actions will you take VT w/ pulse (stable) Treated w/ anti-dysrhythmics or cardioversion. Pulseless VT treated w/ CPR & rapid defibrillation. Follow vasopressors (epi) & anti-dysrhythmics (Amiodarone)

$20 \times 10 = 200$



Identify this rhythm Sinus Bradycardia

Calculate heart rate 50

What nursing actions will you take 1.) Atropine (anticholinergic drug) w/ symptoms  
2.) Pacemaker  
3.) Stop offending drugs (may need reduction)

$5 \times 10 = 50$



25 mm/sec 10 mm/mV

Credit: JY FotoStock/Shutterstock.com

## ECG Practice

- If pt afib > 48hrs = dont  
cardiovert. give anticoagulant  
first!

Identify this rhythm A-fib

Calculate heart rate \*Rate is wrong! (100) should be >100

What nursing actions will you take 1.) Slow ventricular response by blocking AV block  
3.) electrical cardioversion 4.) Anticoagulation 5.) Radiofrequency ablation  
6.) Maze procedure w/ cryoablation

2. Drugs to control vent  
rate / convert  
(amiodarone)



Identify this rhythm Atrial flutter

Calculate heart rate 100 (200-350 bps)

What nursing actions will you take 1.) Pharmacologic agent (amiodarone) 2.) electrical cardioversion  
3.) Radiofrequency ablation.

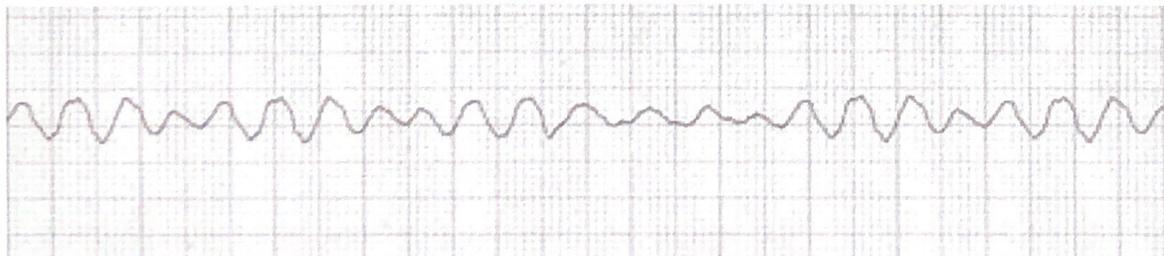


Identify this rhythm Ventricular - fibrillation

Calculate heart rate (?) Not measurable

What nursing actions will you take CPR & ALLS

- Defibrillation
- Drug therapy (epinephrine, vasopressin)



## ECG Practice

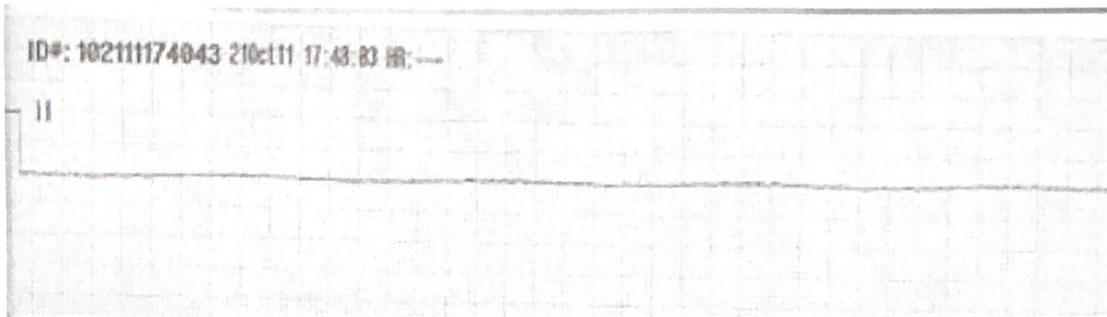
Identify this rhythm Asystole

Calculate the heart rate not measurable

What nursing actions will you take CPR & ALLS measures

- poor prognosis

- epinephrine &/or vasopressin  
- intubation

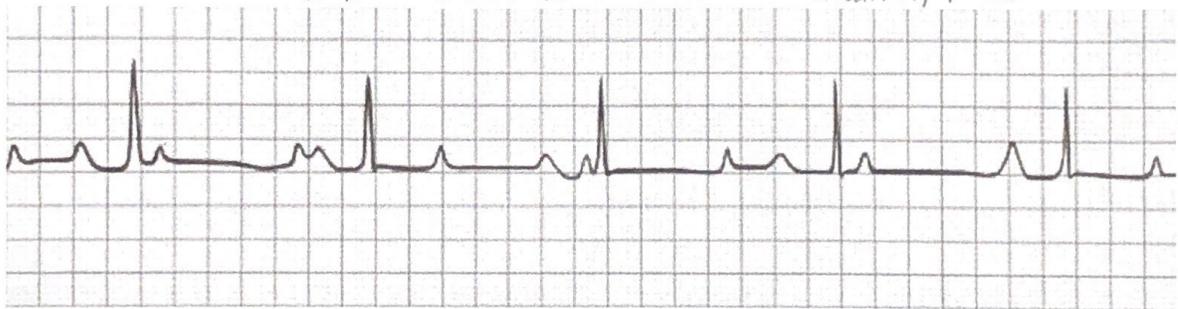


Identify this rhythm Third degree heart block

Calculate the heart rate 50 (AV)

What nursing actions will you take Tx w/ pacemaker (no shock). Pace them until they go to cath lab & get permanent one.

- drugs to increase HR if needed while awaiting pace.



Identify this rhythm Artifact

Calculate the heart rate not measurable

What nursing actions will you take Have the client sit still, check the leads, help pt from shivering, see if their wearing a smart watch, listening to music.

