

# Arrhytmia Cheat Sheet

by aina via cheatography.com/151298/cs/33347/

<b>Types</b>	 
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Tachyarrhythmia Bradyarrhythmia

Types and their feature		
Sinus node Dysfunction	AV block	
Sinus bradycardia: <i>Normal</i>	1st degree: PR interval prolong, no need treat, Rheumatic fever	
Sinus arrest: No atrial deP and ventricular asystole	2nd degree (Mobitz 1): prolong PR until no QRS (no ventriculatr beat), dissappear with exercise and atropine, normal	
Brady-tachy syndrome: Slow, fast rates	2nd degree (Mobitz 2): regularly no QRS, pathol- ogical	
Chrono- tropic incomp- etence: HR drop quick after activity**	3rd degree: complete AV dissoaciation, A and V contrx ont their own, haemodynamically unstable	

# Types Narrow-complex tachycardia QRS <100ms SUpraventricular origin or origin At aberrnt conduction of supraventricular

# Narrow complex tachycardia



## **NCT**

#### Atrial fibrillation

Disorganized atrium contraction

ECG chaotic

P wave almost absent

### Atrial flutter

ECG sawtooth (2p, QRS, 3p, QRS)

P wave more than 1

# Multifocal atrial tachycardia

P wave all over the place

## AV Node re entry tachycardia

Common, female, any age

Short RP interval or invisible P wave

### Atrioventricular re-entry tachycardia

Wolff Parkinson White Syndrome Accessory pathway causing pre-excitation (Delta wave - before QRS)

## Atrial tachycardia

P wave ectopic origin abnormal P wave axis



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# NCT (cont)

## Slnus tachycardia

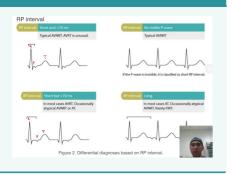
Normal P wave:

(-) AVR

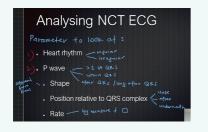
(+) V2,3,AVF

PR interval in P wave before QRS

## **DDx RP interval**



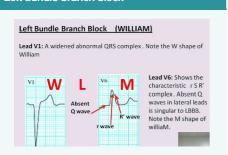
# Approach to NCT ECG



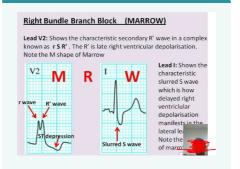
# Broad complex tachycardia



# Left bundle branch block



# Right bundle branch block



## Ventricular tachycardia (VT)

More likely VT

Horizontal entry to ER

Old person

Chest pain & unconcious

Key features ECG

Capture beat

Fusion beat

P waves in AV dissociation

Cpncordance

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