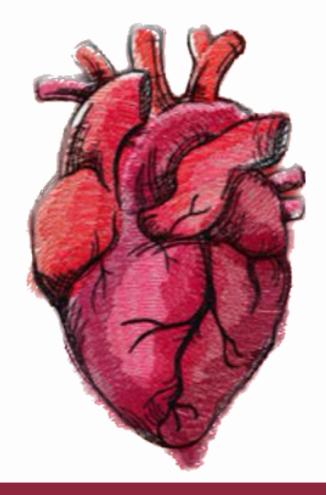


## CARDIOVASCULAR 545TEM

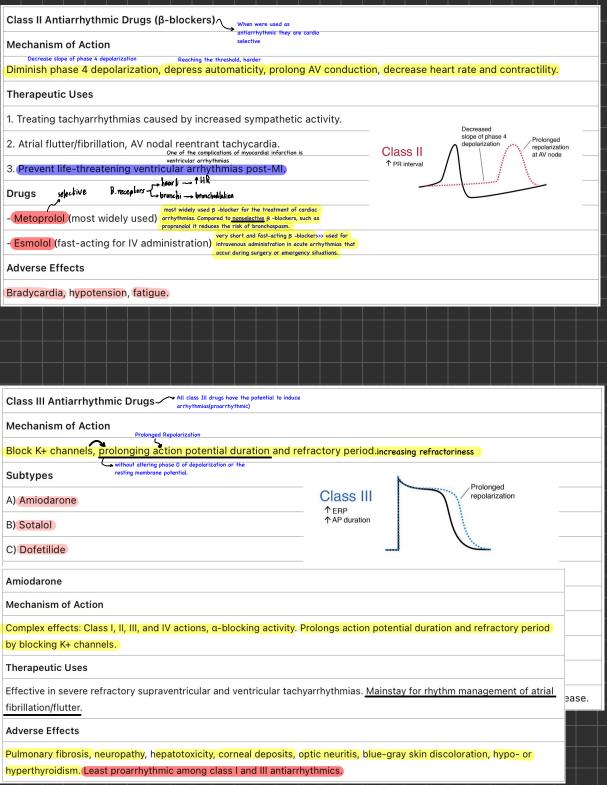


SUBJECT : Antiarrhythmics 2

LEC NO. : Summary L3

DONE BY: Mahmoud Al Qusairi





Sotalol	
Description	
Class III antiarrhythmic agent with nonselective β-blocker activity.	
Mechanism of Action	type of potassium ion current involved in the repolarization
Blocks rapid outward K+ current (delayed rectifier current).	phase (phase 3) of the cardiac action potential: helps to restore the cell's methane potential to its resting state following depolarization.
Therapeutic Uses	patients with left ventricular hypertrophy or atheroscierotic heart disease.  remodelling ممکن یمیر عندم promodelling الی ال pumping لحتی birous tissue الله الله pumping من منافع از بعدل pumping الله عن امالة مار بعدل pumping الله عن الله الله و الله الله عندان مار بعدل pumping الله الله و الله و الله الله و الله الله
Used for maintaining sinus rhythm in atrial fibrillation/flutter, refractory paroxysmal supraventricular tachycardia, and treating ventricular arrhythmias. Commonly used in patients with left ventricular hypertrophy or atherosclerotic heart disease.	
Precautions	
• To reduce the risk of proarrhythmic effects, sotalol should be initiated in the hospital to monitor QT interval.	
Dofetilide	
Description	
Pure K+ channel blocker.	
Therapeutic Uses	
Can be used as a first-line antiarrhythmic agent in patients with persistent atrial fibrillation and heart failure, or those with coronary artery disease.	
Precautions	
in hospital Initiation limited to the inpatient setting due to the risk of proarrhythmia.	

