

## الرحيم الرحمن الله بسم

\***Esmolol** → **Smol** = small ( the smallest half life “10 min” )



**Es** = **Ester** linkage within its structure

\***Nadolol** ....when you read it in the reverse direction, it is read like “ **Lolodan**” .... **Lolo** (sweet girl)... **Dan** ( أسود حزام )

..**lolo** ( بنت لانها ) will take **a long time** to take the **Dan** :p



**Long time**= longest half life (14-24 hours)

\***Metoprolol** → extensively **met**abolized in the liver

\***NebiVolol** → **N** = **NO** (nitric oxide pathway) .... **V**=  
**Vasodilation**

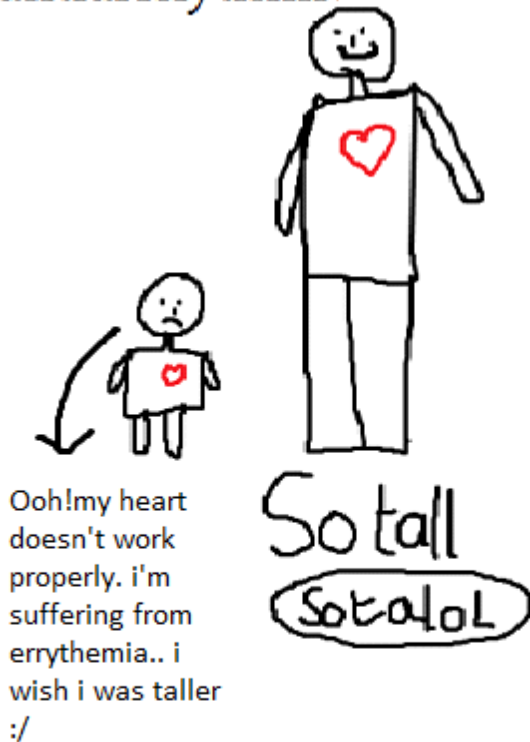
\***Propranolol** → **pro**typical beta-blocking drug



**Pro**longed absorption may occur

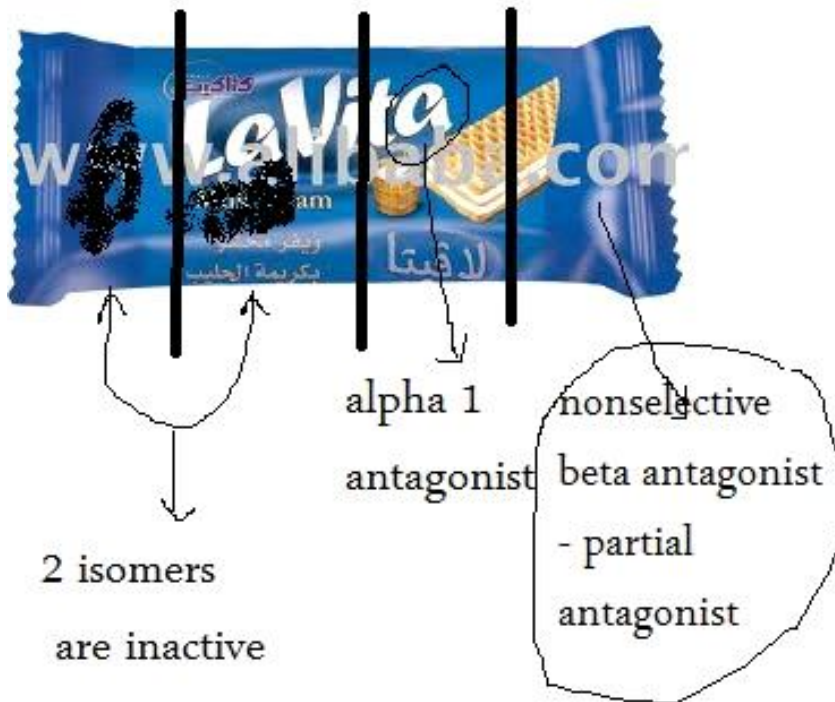
\***Sotalol** = **so tall** .... Imagine that sotalol which has antiarrhythmic effects like “so tall” man who can reach the “antiarrhythmic” roof :p

antiarrhythmic



\***Labetalol** .... **Labeta..** ( think of **lavita** )

It is an equimolar mixture of 4 stereoisomers.



The next info is from Google:

\*Drugs that start with a letter from A to M → beta 1 selective drugs. (**except** for **labetalol** and **carvedilol** )

\*Drugs that start with a letter from N to Z → nonselective drugs.

**N**adolol , **P**enbutolol, **P**indolol, **P**ropranolol, **S**otalol, **T**imolol

I'm sorry 4 عجزه