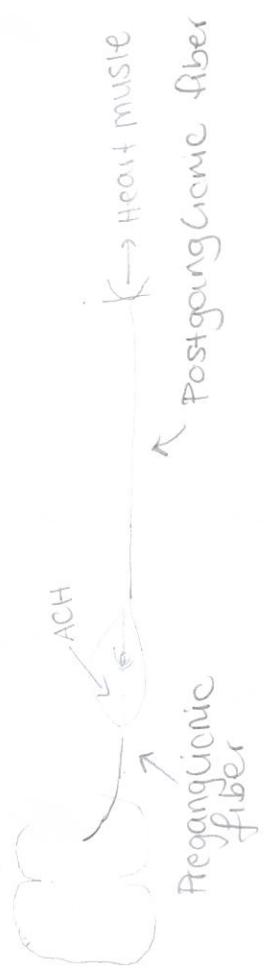


Adrenaline is produced at the end of the sympathetic nerve fibers



Adrenaline solution is used in treating patients with severe ALLERGIC reactions, cardiac arrest and to dilate pupils during eye surgery



eye surgery

CARDIAC TISSUE

groups of ADRENERGIC receptors

α receptors: adrenaline increases peripheral resistance to cardiac output via α-receptor dependant vasoconstriction, receptors mediate muscle contraction

β receptors: adrenaline increases cardiac output through β receptors

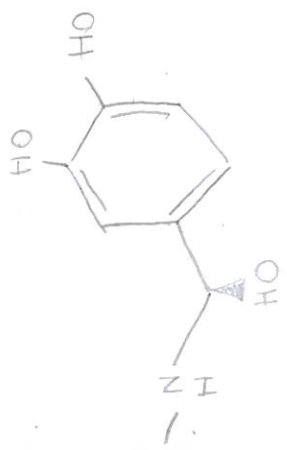
Thus receptor is expressed predominantly in CARDIAC TISSUE

SOURCES:

- "Wikipedia" accessed "Epinephrine" 7/7/2014
- Amino Acid Therapy: "Excitatory Neurotransmitters" accessed 16/7/2014



FARHAN A VILSAN



also known as Epinephrine is a neurotransmitter in the sympathetic nervous system. It is a monoamine called CATECHOLAMINE which looks like this...

EXCITATORY! and it affects the heart rate, breathing and blood pressure

Adrenaline is also a HORMONE whose major action is to prepare the body for fight or flight

PM FACT