

Pharma & Clinical

1- Antimuscarinic poisoning "toxicity"

→ physostigmine

2- Atropine → sedation (wrong statement)

3- β_2 Blocker non sedative with some anesthetic effect & no intrinsic activity
→ Propranolol

4- About AAs → all blood vessels are sympathetic (wrong)

5- Cocaine mostly inhibit → Tyramine

6- → Phenylephrine blocks natriuresis of Dopamine (correct)

7- β_1 selective → Dobutamine

8- β_2 action (wrong) → ↑ lipolysis

9- Terbutalin → β_2 agonist

10- → Nadolol (once day) $t_{1/2} = 24$ hr (long)

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① → Acetyl choline synthesis, except
Acetyl CoA + choline in mitochondria

② → dobutamine

③ → the result of L-Aromatic decarboxylation
clonidine

④ → immediate effect → Labetalol
non-selective
P.P

⑤ → long acting → nifedipine

⑥ → short acting → esmolol

⑦ ↓ CNS → ~~ephedrine~~ amphetamine
more effect on

Cardiogenic shock → β_1 agonist → dobutamine

nasal decongestion → α_1 agonist → methoxamine

Asthma → Albuterol

prevent postural hypotension → phenox benz
blocker

not postural → quinazolinone
P.P

- 20) Diazepam except \rightarrow Vomiting, nausea ??
 - muscle spasm
 - epilepsy
 - laceration
 - 21) Cause gingival hyperplasia \rightarrow phenytoin
 - 22) * used in hyperkinesia \rightarrow amphetamine
 - 23) * selective COX₂ inhibitor \rightarrow selocoxib
 - 24) * ~~repression~~ ^{depression} of mood and its activity is enhanced by most antidepressant is \rightarrow serotonin
 - 25) * Parkinsonism what with L-dopa
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- 26) * Ach. synthesis: except \rightarrow Ach CoA + choline in mitochondria
 - 27) * result of lactic acid decarboxylase \rightarrow Dopamine
 - 28) * not affected by B.P. \rightarrow dopamine
 - 29) * immediate effect \rightarrow Labetalol
 - 30) * long acting \rightarrow Nadolol
 - 31) * short \rightarrow Esmolol
 - 32) * more effect on CIVS \rightarrow Amphetamine
 - 33) * Cardiogenic shock \rightarrow dopamine
 - 34) * ~~Nasal~~ nasal congestion \rightarrow methoxamine (α_1 agonist)
 - 35) * ~~asthma~~ asthma \rightarrow ~~albuterol~~ albuterol
 - 36) * anticholinergic toxicity \rightarrow physostigmine
 - 37) * ~~sedation~~ statement about atropine \rightarrow sedation (wrong)
 - 38) * B₂ Blocker ~~non sedative~~ some anesthetic effect on no intrinsic activity \rightarrow Propranolol ??
 - 39) * ~~adrenal~~ A.V.S. ~~statement~~ ^{wrong} statement \rightarrow all blood vessels sympathetic

(1) must local anesthetic never effect → rapid administration

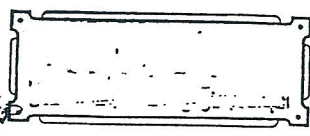
* (2) which is vasoconstrictor by itself (systemic toxicity)

cocaine

(3) Lidocain → short acting 3445

except → allergy

(4) Lidocain + ~~200~~ with ep



(5) mechanism of action → Inhibition of Na⁺ chan. by block

* (6) character of local general anesthesia, except:

~~slow~~ slow induction

(7) amount preanesthetic medication → all

~~recovery~~ from inhalational → lung (don't depend on metabolism)

~~about thiopental~~ → rapid ... + redistribution

(8) * feature of - rapid onset - safe - used in dentistry

→ Nitric oxide

characteristic of nitric oxide, except → potent anesthetic

side effect of halothane → hepatic necrosis

characteristic of ketamine except → relaxation of muscle of upper airway

side effect of enflurane → nephropathy ~~FXN~~

tolerance developed for opioids except → constipation

action done by opioids except → diarrhea

~~treatment of opioid tolerance~~ with ↓ dose → avoid withdrawal

→ methadone

re about aspirine → ~~reduce the body temperature~~

(4)

