



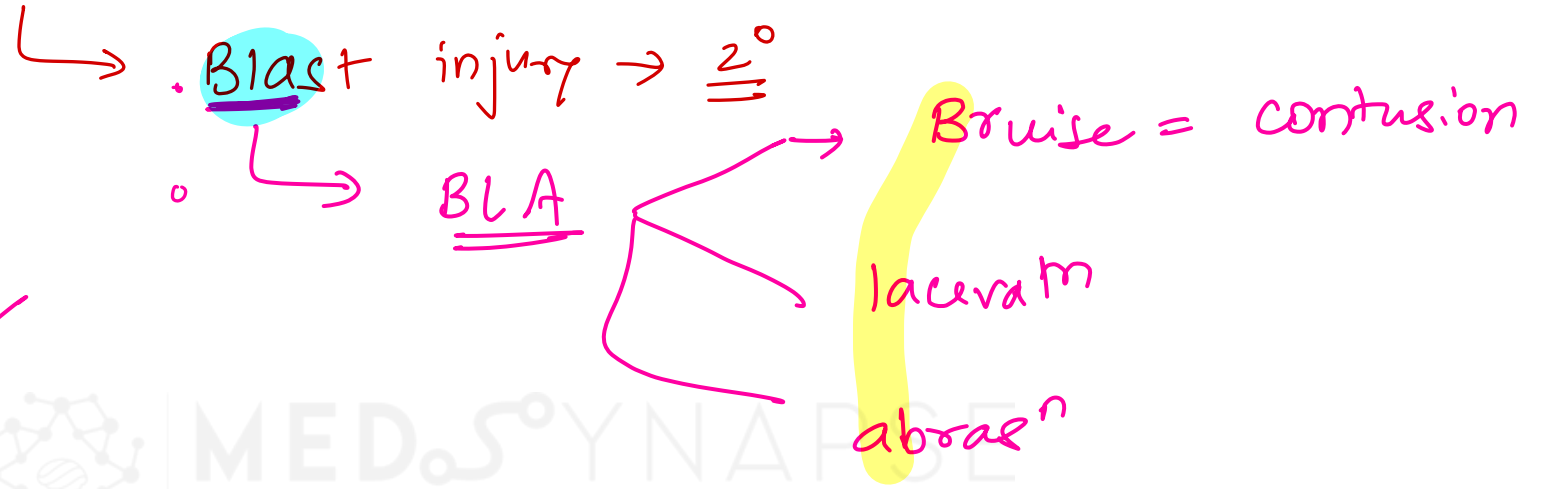
FMT INICET PYQ

Medsynapse by Dr. Nikita



Marshall triad includes all of the following except

(twice
Aims)



- a) Contusion ✓
- ~~b) Fracture~~
- c) Abrasion ✓
- d) Laceration ✓



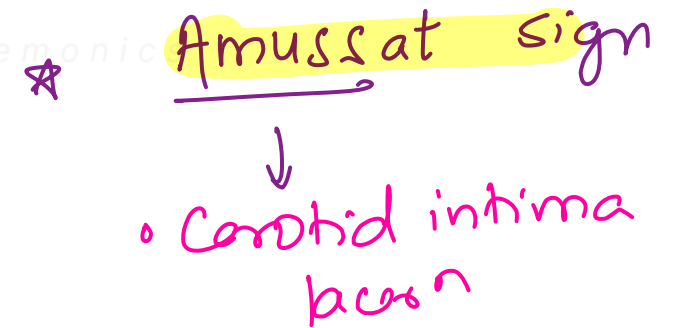
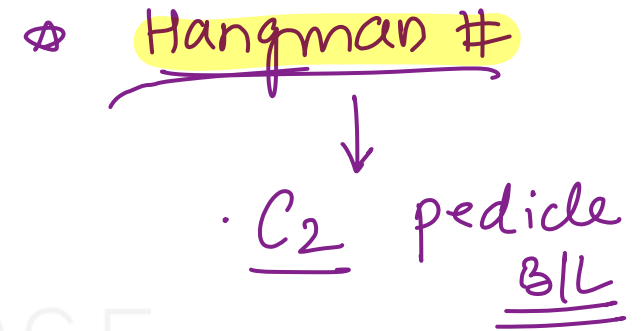
MEDSYNAPSE
Where Concepts Meet Mnemonics

1° → air → ear
GIT
lungs



In judicial hanging, the knot is placed at:

- a) Below the chin → ideal
- ~~b)~~ Angle of the jaw → Indie → ear
- c) The back of the neck
- d) Choice of hangman



MEDSYNAPSE
Where Concepts Meet Mnemonics

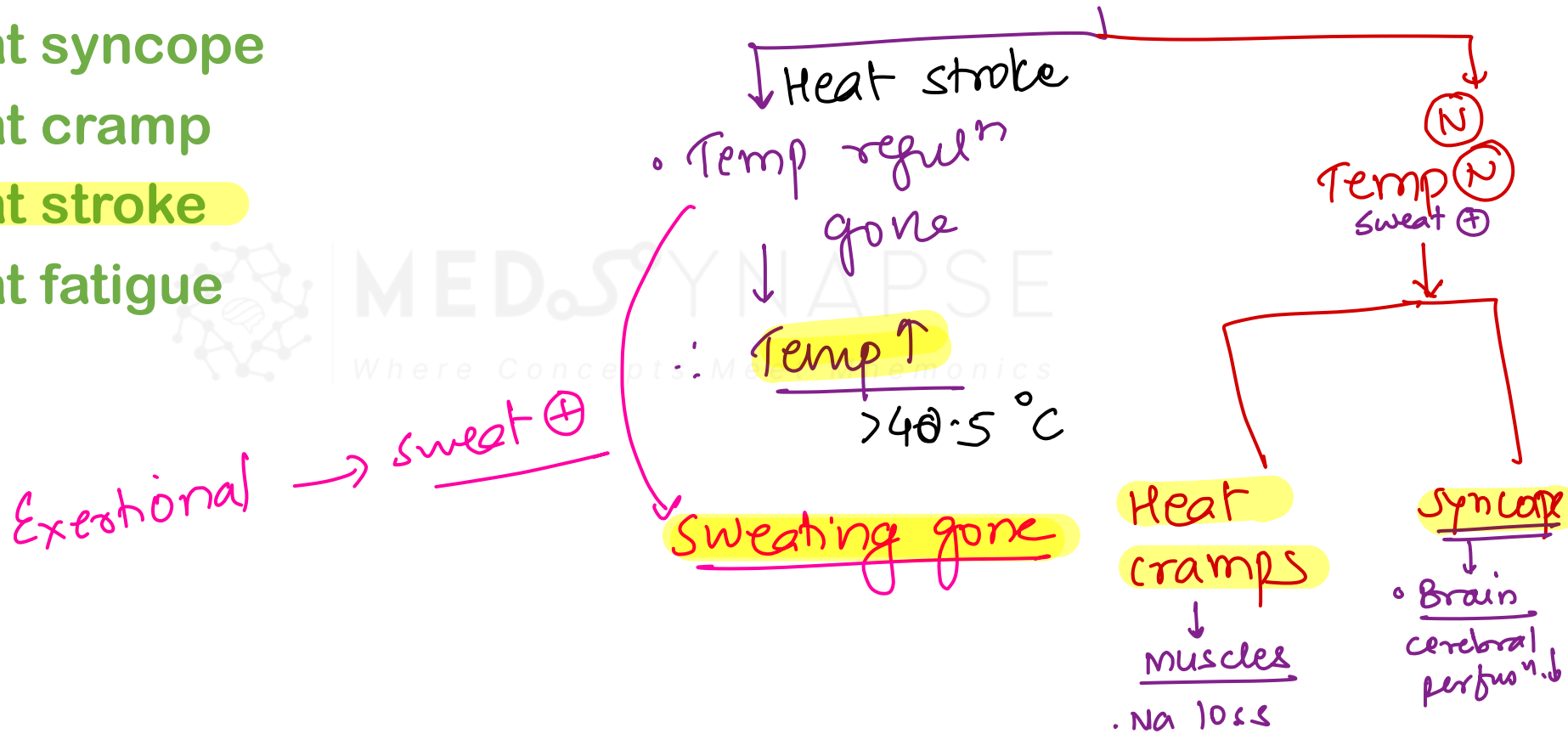


Sweating is ~~not~~ present in:

NPA

Heat syndromes

- a) Heat syncope
- b) Heat cramp
- c) Heat stroke
- d) Heat fatigue





Acrid smell or pear smell is seen in:

- a) Ether
- b) Paraldehyde
- c) Nitrobenzene
- d) Carbolic acid

chloral hydrate \Rightarrow Both \rightarrow sed / hypnotic

Acrid smell
↓ ↓
para chl. hyd





Shoe polish like smell is seen in: (AIIMS NOV 15)



Nike shoes
nitrobenzene

- a. Mercaptans
- b. Lacquer
- c. Paraldehyde
- d. Nitrobenzene



MEDSYNAPSE
Where Concepts Meet Mnemonics



Smell	Poisoning
Burnt rope	Cannabis
Bitter almond	cyanide
Kerosene / garlic	<u>OPC</u> (farmer) ↑seems
Rotten egg	← <u>H₂S</u> <u>H₂O</u> → water → rots egg.
Garlic	Arsenic / phosphorus / OPC
Shoe polish	Nitro benzene.

acid / pear

H₂S → pm lividity → HS BG
 H₂S Bluish green.



Segmentation of blood in blood vessel after death is known as:

~~a)~~ Kevorkian sign ✓

b) Rokitansky sign

c) **Kennedy phenomenon**

→ bullet injury
surgical → changes appearance'

d) Tache noir ✓





Eye signs



① **Kevorkian sign**
few min
cattle trucking
↳ CRAO

② if eye open
↓
Brown dust
↳ **Tache noire**
TSD → 3-6 hrs
hrs

MEDSYNAPSE
Where Concepts Meet Mnemonics



149 Ashley rule is for determination of what:



⊗ cephalic index → raCE

MEDSYNAPSE
Where Concepts Meet Mnemonics

- a. Age
- b. Sex**
- c. Height
- d. Ethnicity

SEX DETERMINATION

- Sternum : Ashley's rule of 149. Length of sternum : Body + manubrium.
- Male : > 149 mm.
- Female : < 149 mm.

- Single best bone : Pelvis

- Indices for sex determination of bones :
 - Sciatic index (best).
 - Sternal index.
 - Sacral index.
 - Ischiopubic index.
- S-S*
more in females

Aims PYQ

Corporobasal index → Value is more in males.
↳ body 1st S

$$\frac{\text{Breadth of 1st sacral vertebra (mm)}}{\text{Breadth of base of sacrum (mm)}} \times 100$$

Male : 45 ✓

Female : 40.5 ✓



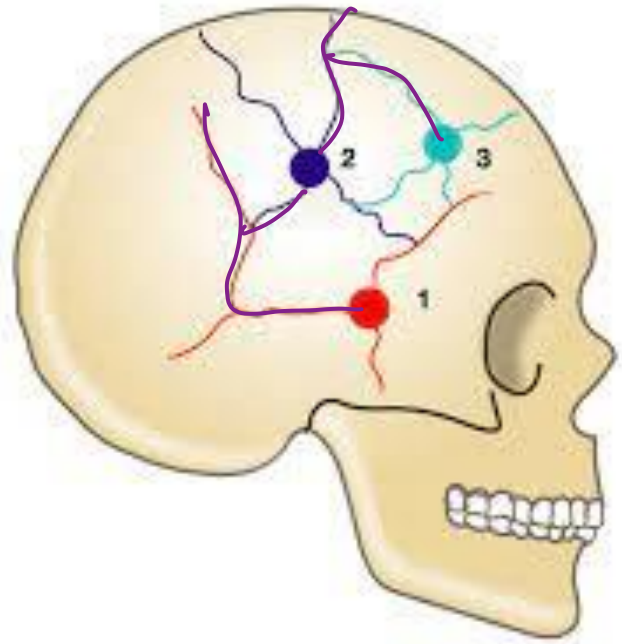
An autopsy was performed on a case of accidental death. It showed two linear fractures on petrous part of temporal bone. Which of the following rules gives the sequence of fractures?

a. McNaughton's rule

b. c. Young's rule

c. Puppe's rule → skull fracture

d. Dunlop's rule



oldest
1 > 2 → 3

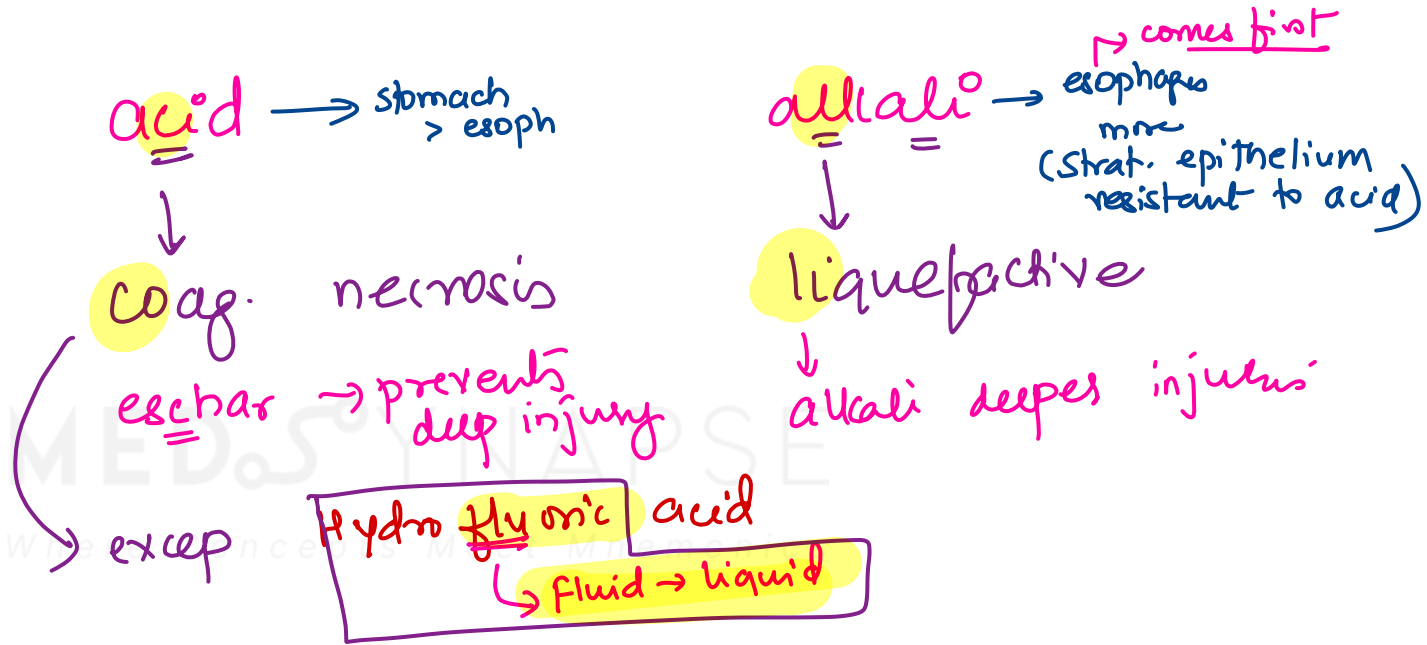
old stops puppe the crossing

MEDSYNAPSE

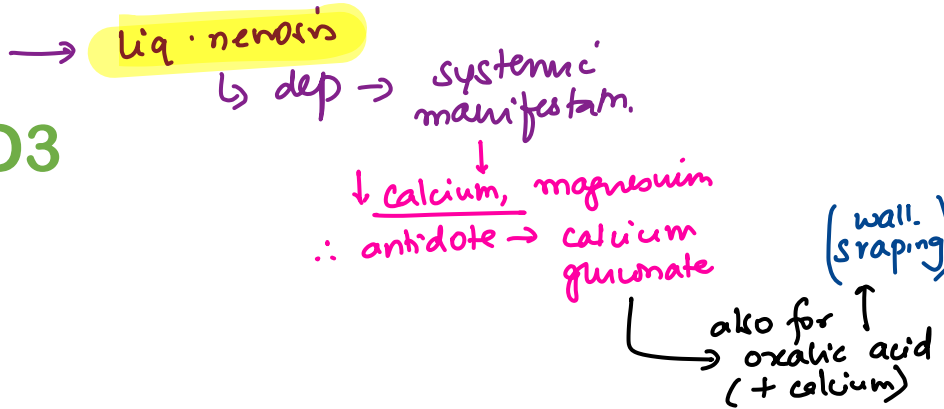
Where Concepts Meet Mnemonics



Which acid does not show coagulation necrosis on contact?



- a. HCl
- b. H₂SO₄
- c. HF
- d. HNO₃





A man throws sulphuric acid on the face of his wife after a fight following which she comes to the emergency for supportive management. All of these statements are **true about chemical burns** **except:** ✓

MEDSYNAPSE
Where Concepts Meet Mnemonics

- a. Blisters are present ^{xx (best)}
- b. Ulcerated patches are present ✓
- c. Absence of singeing of hairs → more c burns (dry heat)
- d. Coagulation necrosis occurs at the site of burn (acid)



	Burns (dry Heat)	Scalds (Moist heat)	Chemicals
Vesicles	At circumference of burnt area	Most marked over burnt area	Rarely found
Red line	Present	Present	Absent
Singeing	Present	Absent	In case of mineral acids
Charring (Soot)	Present	Absent	In case of mineral acids
Trickle marks	Absent	Present	Present
Discoloration	Skin roasted & charred	Skin bleached	From action of chemical on skin
Ulceration	Absent	Absent	Present
Scar	Thick & causes disfigurement	Thin & causes less disfigurement	Keloid scar & much disfigurement

Where Concepts Meet Mnemonics

* soddening wafer → moist heat (scalds)



A doctor who performed the autopsy on a 26-year-old married woman, committing suicide found the cause of death to be aluminium phosphide poisoning. She was summoned in a court of law where he **willingly hides this information.** This is punishable under which section?

- a. IPC 193
- b. CrPC 175
- c. CrPC 69
- d. IPC 189

defⁿ → 191

197 → false certificate

Perjury
i know none

o 191 → defⁿ

o 193 → fee



MEDSOSYSDSE
Where Concepts Meet Mnemonics



Boiled lobster syndrome is seen in poisoning of:

Boric acid

erythema → desquamation

blue green vomiting

IPC → acid throwing
vitriolage

aux → 326 A. (1)

- a. Boric acid
- b. HNO_3
- c. H_2SO_4
- d. Phenol



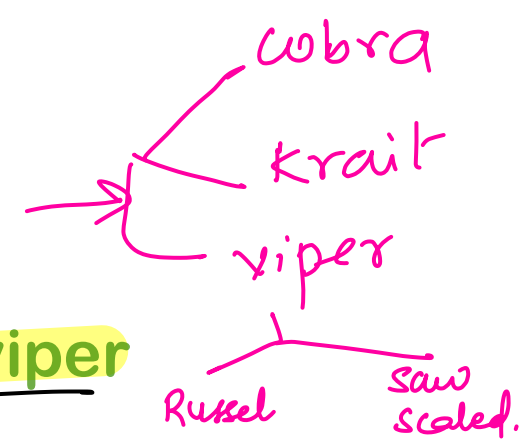


Which of the following statement is false statement about snake-bites?

cobra → post synaptic → ∴ Neostigmine useful

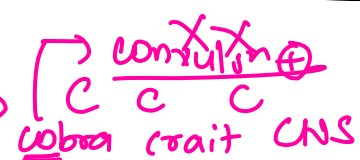
krait → presynaptic XXX

ASV → 4 big snake



a) Anti-venom is not effective in humnosed pit viper bite

b) Cobra venom is neurotoxic



c) Atropine premedication should be used before administering Neostigmine

d) Neostigmine has a role in krait bite ∴ krait presynaptic

(148)

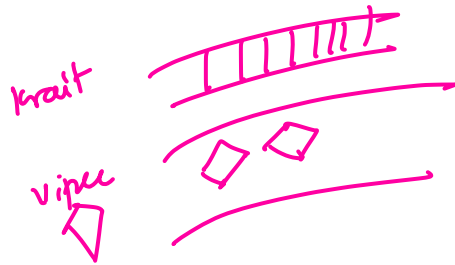
RIHT regimen

→ Skizze

10viab ASV_{iv} → cont test dose

* local sympt max → Viper
No → krait

↓
more fatal.



- poisonous snakes
- belly scales large
 - fangs ⊕

* 6:00pm
↓ Brainstem syndrome

Next

→ * 12:30pm → psych.
KBMD