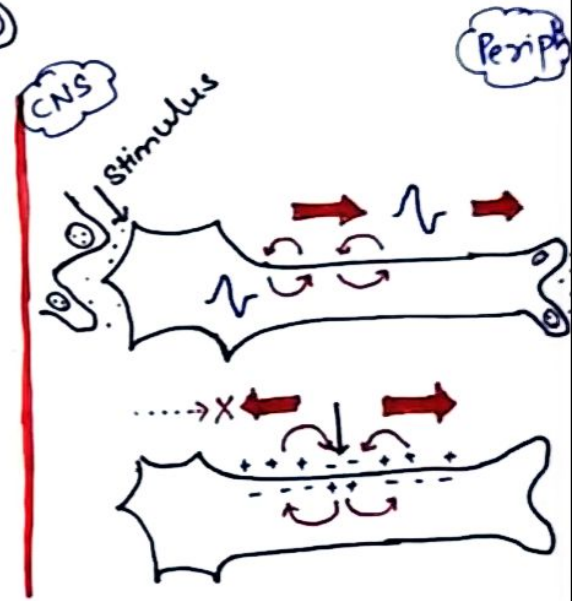
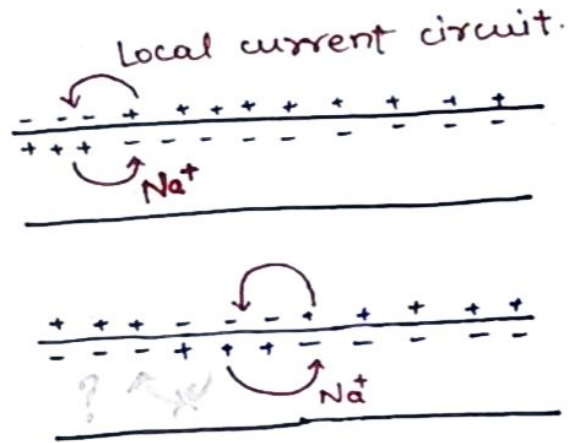
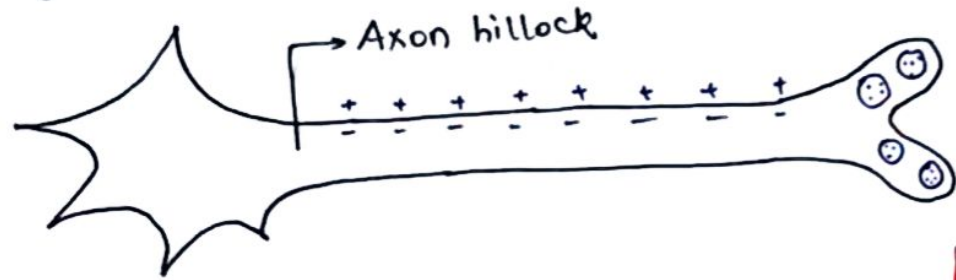


Propogation of Impulse :-



ANTIDROMIC
Conduction

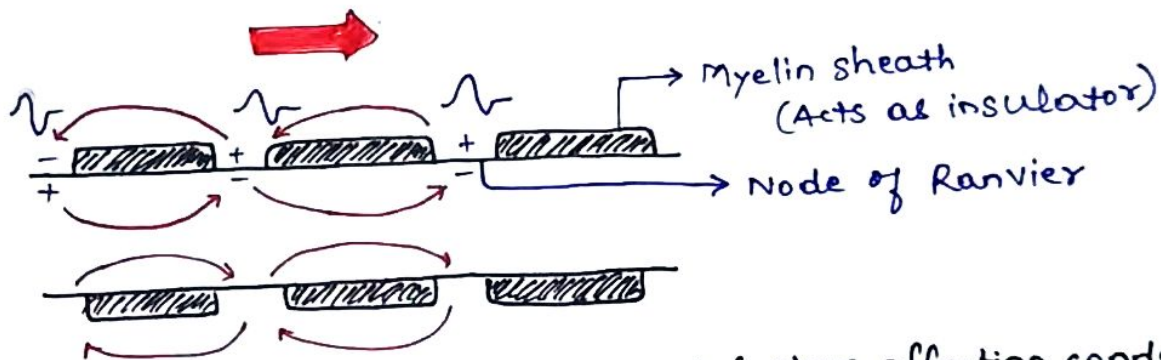
ORTHODROMIC
conduction
(in normal physiological
direction)

Propogation in myelinated N. fibre:-

Myelination in PNS = Schwann cells
Myelination in CNS = Oligodendrocytes

A&E Erlanger-Gasser classification

- Ad
 - AB
 - AY
 - AS
 - B
 - C
- } myelinated
- } unmyelinated



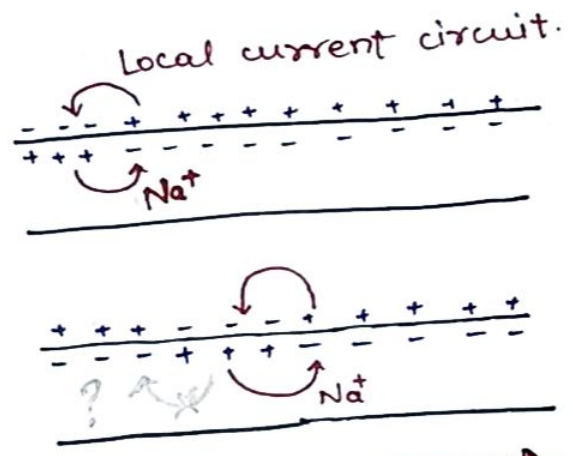
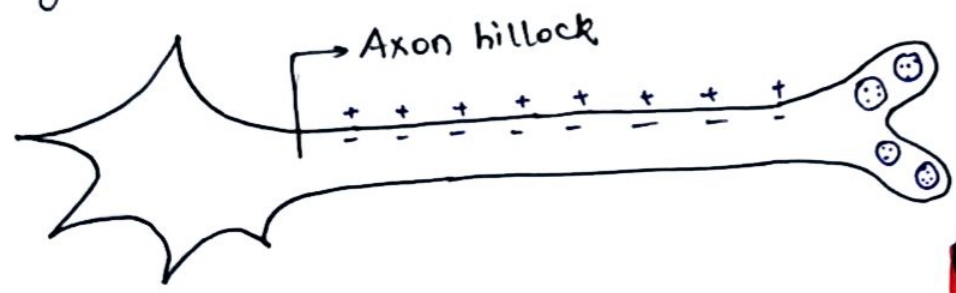
- ↑ses conduction velocity
- conserves energy

2 factors affecting conduction velocity:-

- Myelination
- Diameter

SALTATORY CONDUCTION

Propogation of Impulse :-



ANTIDROMIC
Conduction

ORTHODROMIC
Conduction
(in normal physiological
direction)

