

Peripheral Nerve

Epineurium

Perineurium

Fascicle

Fiber

Endoneurium

Axon

Anterior horn of spinal cord

Motor Nerve

Sensory Nerve

Cell body

DRG

Schwann cells

Sensory Receptors

Nodes of Ranvier ↑ velocity of AP by saltatory conduction

1943

Selden

1951

Sunderland

Neuropraxia

Axonoteresis

Neurotmesis

1 Neuropraxia

2 Axonoteresis

3 Endo

4 Peri

5 Epi

1998

Burch & Benney

Non-degenerative

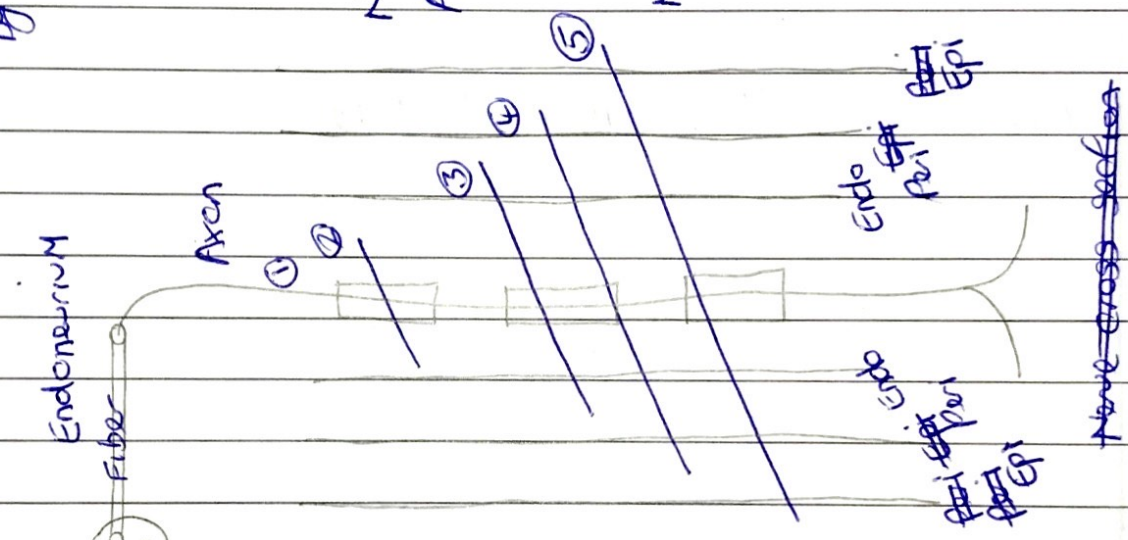
Degenerative → Wallerian degeneration

= distal degeneration of nerve

1850

Wallerian degeneration = distal degeneration of nerve

NERVES



Tendon healing:

Inflammation

Proliferation

Remodelling

Direct insertion:

Tendon

Fibrocartilage

Mineralised fibrocartilage

Bone