

Receptor type	Description	Location	Senses
Free nerve endings	C-slow, myelinated	All skin, epidermis	Pain & temperature
C-pain, rapidly	same viscera		
Merkel's	large, myelinated	skin	Dynamic, fine/tight touch, position sense
Tactile discs	adult, quickly	skin	Vibration, pressure
Pacinian	large, myelinated	deep skin layers, ligaments, joints	Pressure, deep stretch
Proprioceptors	fibers	ligaments, joints	
Merker's discs	large, myelinated	Hair follicles	Pressure, deep stretch
Fibers, adapt slow			Touch, position sense

Peripheral Nerve:

- connective tissue that surrounds entire N (FASCICLES & BVS)
- myelin: insulating barrier
- surrounds a fascicle of N fibers
- must be repaired in microsurgery for limb reattachment

Non-myelinated N Fibers:

- inflammation infiltrate in Guillain-Barré Syndrome

Blood-Brain Barrier:

- prevents circulating blood substances from reaching CSF/CNS
- formed by three structures
 - i) tight jxns b/w nonfenestrated capillary endothelial cells

