

Receptor type	Description	Location	Senses
Free nerve endings	C - slow, unmyelinated Aδ - fast, myelin	All skin, epidermis Some viscera	Pain & temp
Merkel's corpuscles	Large, myelinated Adapt quickly	Glabrous (hairless) Skin	Dynamic, fine/light touch, position sense
Pacinian corpuscles	Large, myelinated fibers	Deep skin layers, ligaments, & joints	Vibration, pressure
Merkel's discs	Large, myelinated fibers, adapt slow	Hair follicles	Pressure, deep static touch, position sense

Peripheral Nerve

Epineurium: connective tissue that surrounds entire N (fascicles & BVS)

Penonrium: permeability barrier - surrounds a fascicle of N fibers.

- Must be rejoined in microsurgery for limb reattachment

- invests single N fibers

- inflammatory infiltrate in Guillain-Barré Syndrome

Blood-Brain Barrier

- Prevents circulating blood substances from reaching CSF/CNS
- Formed by three structures
 - Tight jxns b/w nonfenestrated capillary endothelial cells