

SKIN RECEPTORS

FLASH CARDS

Free Nerve Ending



- Found throughout the dermis
- Detects pain and temperature

Root follicle plexus



- Found surrounding hair follicle
- Detects movement of hair

Merkel Cell (tactile disk)



- Found in papillary layer of dermis
- Detects sustained touch and pressure

Meissner's Corpuscle (tactile corpuscle)



- Found in papillary layer of dermis
- Detects light touch and pressure
- Abundant in the eyelids, lips, nipples, and external genitalia

Ruffini's Corpuscle



- Found in reticular layer of dermis
- Detects stretching

Pacinian Corpuscle (lamellated corpuscle)



- Found deep in reticular layer of dermis
- Detects deep pressure