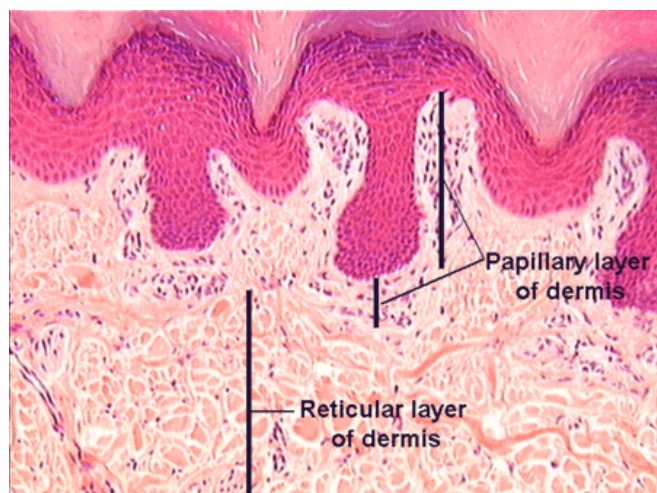
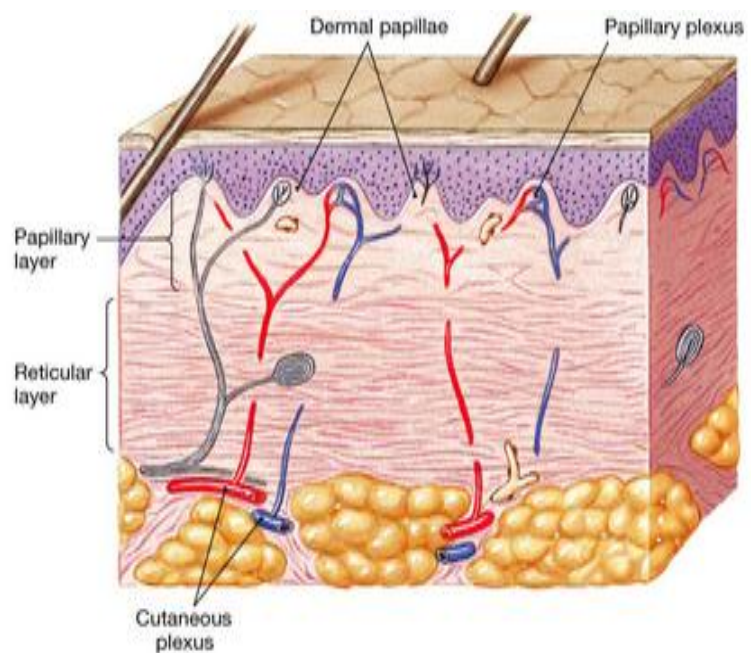


The Dermis

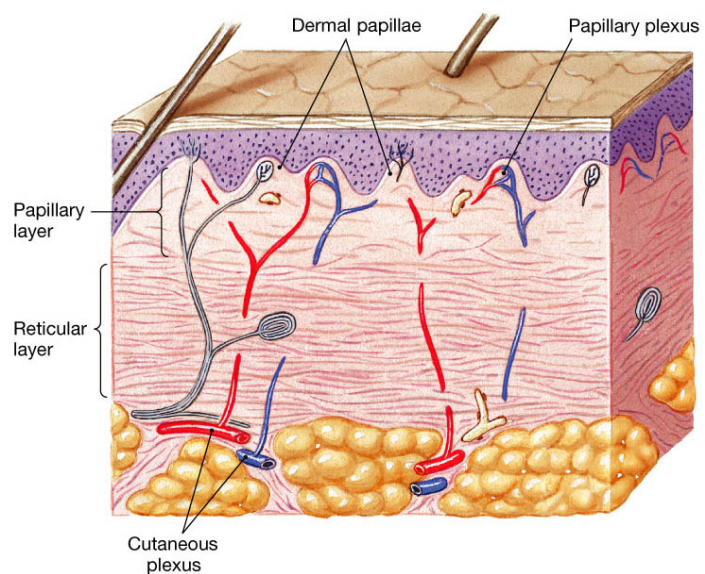
Layers (2)

- Papillary Layer
- Reticular Layer



The Papillary Layer - Secondary Structures

- Capillary Loops (Papillary Plexus)
- Free Nerve Endings
- Meisner's Corpuscles
- Dermal Papillae
 - Fingerprints





Derma! Papillae arranged in definite patterns on hands and feet to enhance friction



Loops



Whorls

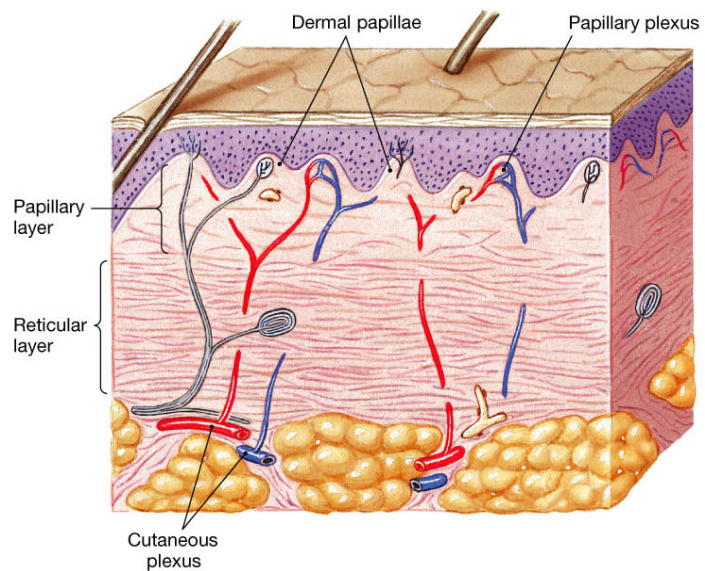


Arches

Ridges of fingertips contain sweat pores which leaves a film (latent fingerprints)

The Reticular Layer - Secondary Structures

- Blood Vessels
- Sebaceous Glands
- Sudoriferous Glands
- Pacinian Corpuscles
- Phagocytes
- Hair Follicle



Stretch Marks



Tearing of the
reticular layer
of the dermis