

DERMATOLOGICAL LAYERS

REFERENCE

MAJOR LAYER	PRIMARY FUNCTION	KEY COMPOSITION
Epidermis Corneum, Lucidum, Granulosum, Spinosum, Basale	Protective barrier, hydration regulation, and skin cell regeneration.	Keratinocytes, Melanocytes, Langerhans cells.
Dermis Papillary Region, Reticular Region	Provides structural strength, elasticity, and houses sensory receptors.	Collagen, Elastin, Blood vessels, Hair follicles, Sweat glands.
Hypodermis Subcutaneous Tissue	Energy storage, insulation, and mechanical cushioning for internal organs.	Adipocytes (Fat cells), Connective tissue, Larger nerves/vessels.