

Structures & Layers to Know on Skin Models and Slides

Skin Models

Epidermis
Stratum basale
Stratum spinosum
Stratum granulosum
Stratum lucidum
Stratum corneum
Dermis
Papillary dermis
Dermal papillae
Reticular dermis
Hypodermis

Hair...
Follicle
Shaft
Root
Medulla
Cortex
Papilla
Bulb
Arrector pili muscle
Sweat gland
Sebaceous gland

Lamellar corpuscle
Tactile Corpuscle
Free nerve ending
Hair follicle receptor

Bone/Osteon Models

Osteon
Central (Haversian) Canal
Blood vessels
Osteocyte
Lacuna
Canaliculi
Concentric Lamellae
Trabeculae #
Marrow (reticular CT) #

*Note: additional features will be required
in next week's lab*

Skin Slides (best at 40x-100x)

Epidermis
Stratum basale*
Stratum spinosum*
Stratum granulosum*
Stratum corneum*
Dermis
Papillary dermis
Dermal papillae (may contain tactile
corpuscle
Reticular dermis
Hypodermis

Hair... †
Follicle †
Shaft †
Root †
Medulla †
Cortex †
Papilla (demo slide only)
Matrix (demo slide only)
Sweat gland
Sebaceous gland †

Nail Structures (live specimen)

Nail plate
Free edge
Nail folds: proximal & lateral
Eponychium
Lunule

* best in plantar skin slide

† in axillary or scalp slides or demo hair slide

identify on spongy bone slide and larger bone model