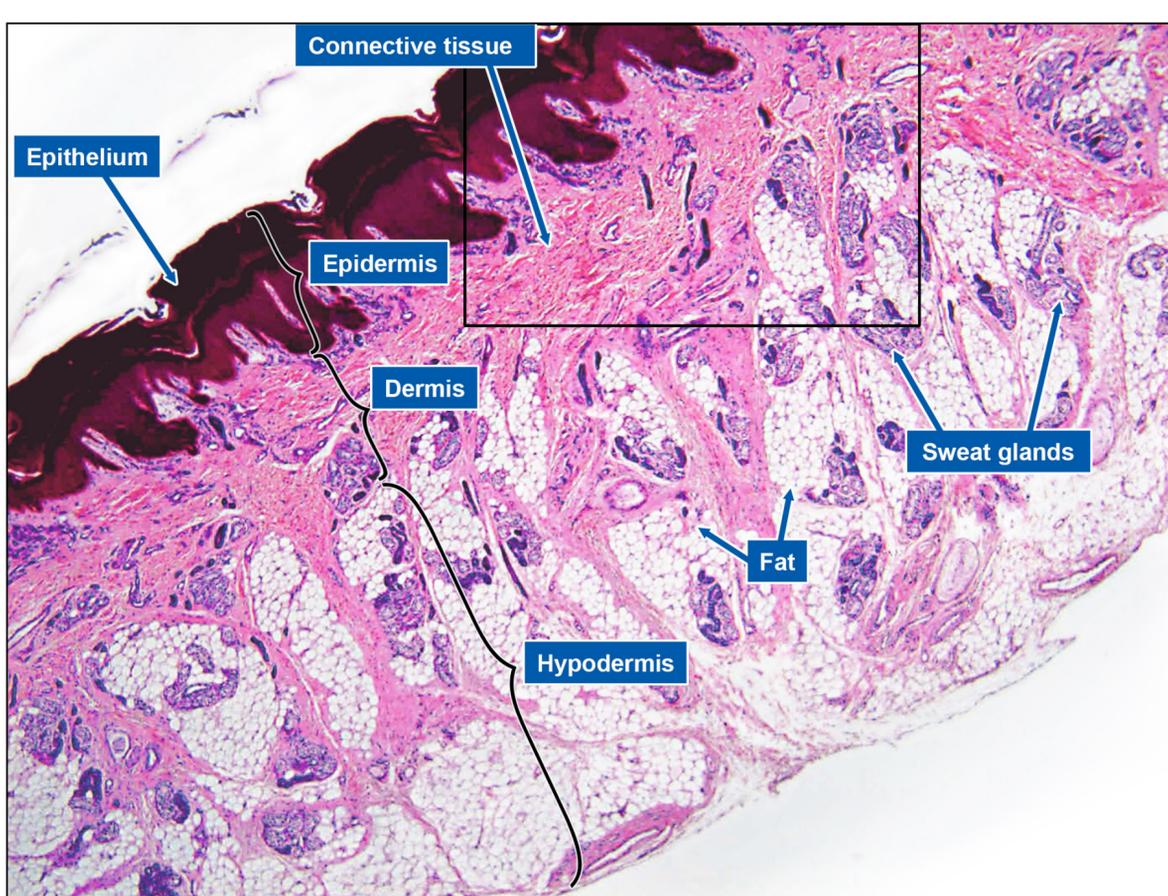


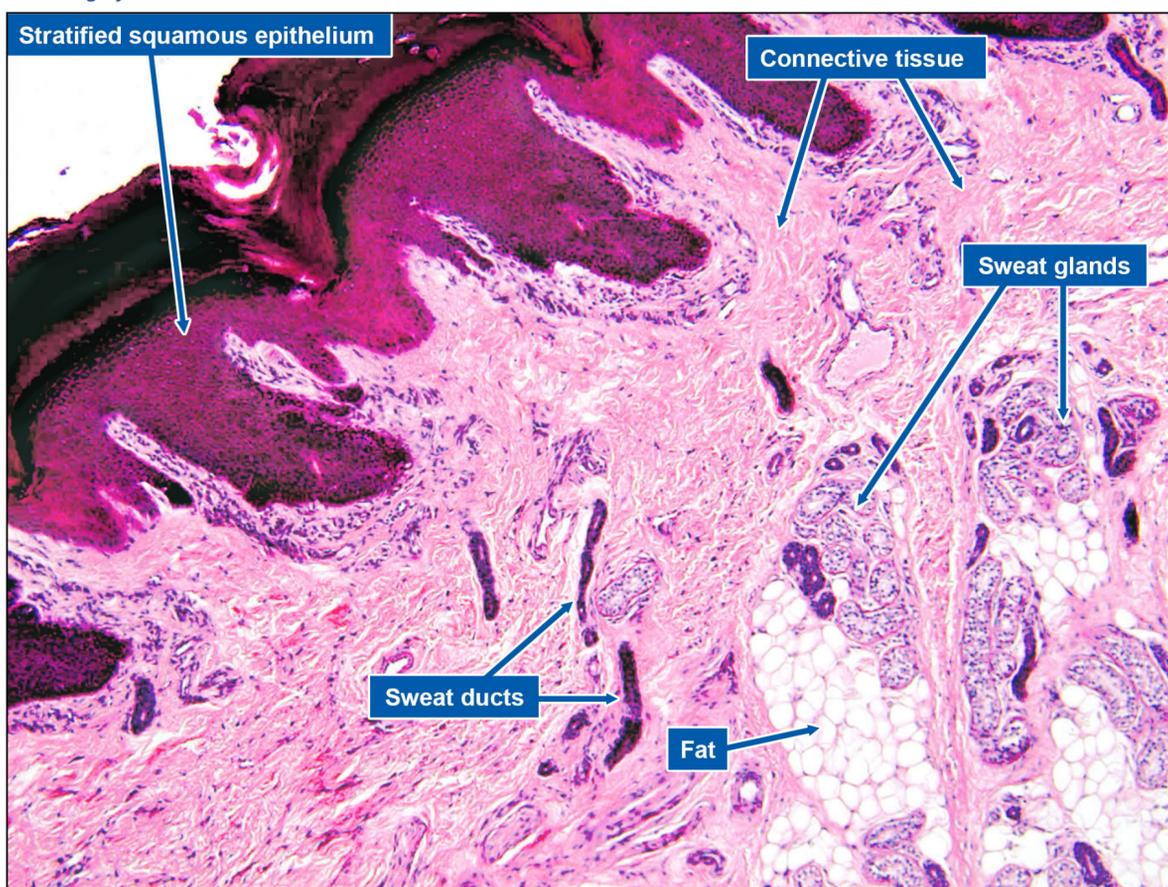
THICK SKIN

Cell & Tissues of the Body

Connective tissue are tissues composed of cells that deposit a non-polarized extracellular matrix which includes fibers and ground materials.



Low magnification



High magnification

1. Irregular connective tissues have a dense irregular network of collagen and elastic fibre bundles in its intercellular matrix.
2. There are 2 types of irregular connective tissue- Loose irregular connective tissue and Dense irregular connective tissue.
3. Loose irregular connective tissue consists of extracellular matrix and collagenous, elastic, and reticular fibres. It holds organs in place.
4. Dense irregular connective tissues are made of greater density of collagen fibres. Tendons and ligaments are made from them.
5. Many organs have adipocytes in their connective tissue. These cells are specialized for cytoplasmic lipid storage as neutral fats, and are usually found beneath the skin, between the muscles, in the intestines and membrane folds, and around the heart.