



02

CHAPTER

SKIN AND FASCIA

الجلد واللغافة

TOPICS

Skin and fascia



Scientific content prepared by

Booknerd Team

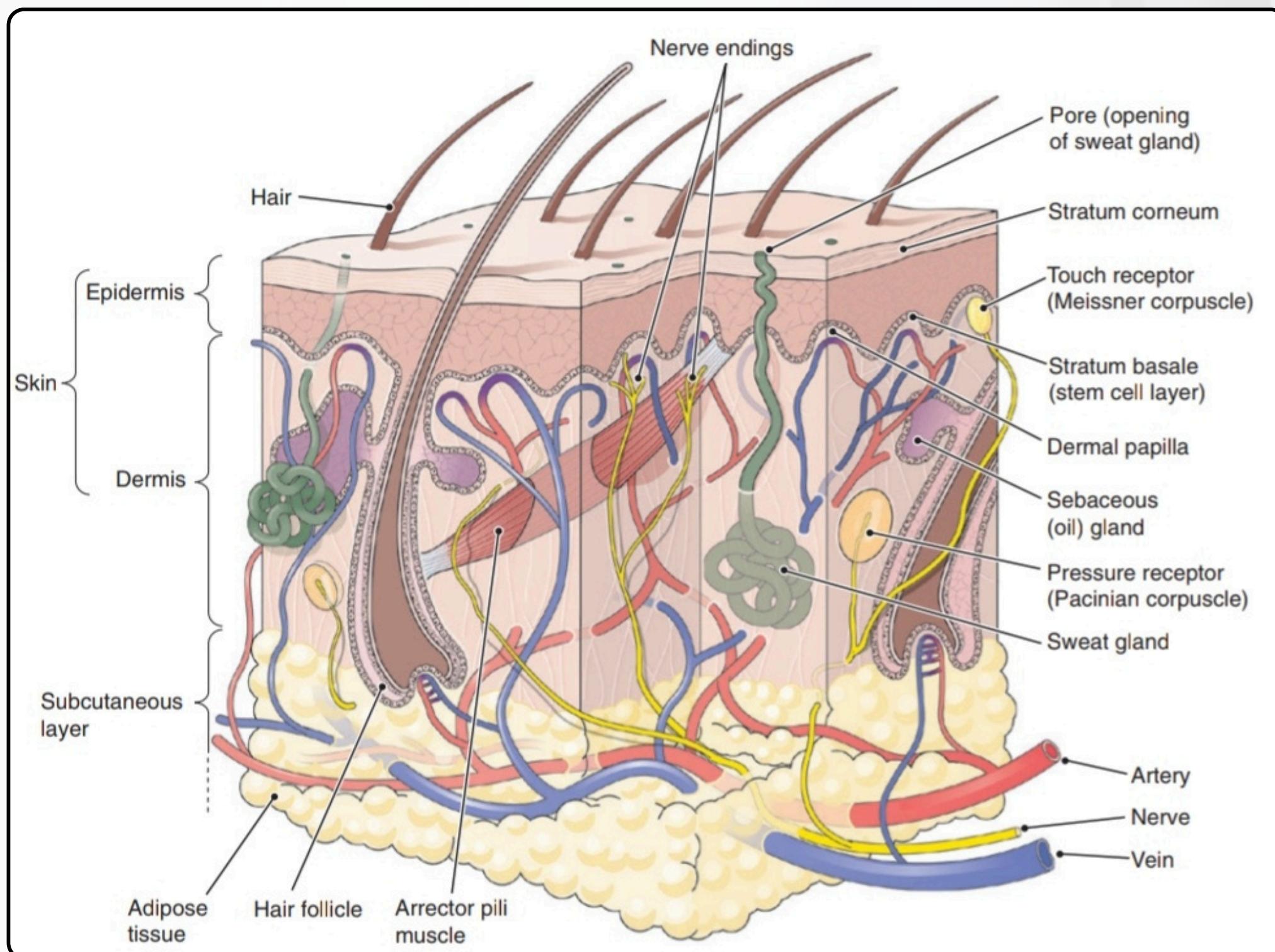


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SKIN & FASCIA



SKIN

Layers: it is formed of 2 layers:

- **Epidermis:** outer tough layer.
- **Dermis:** inner layer containing hair follicles, sweat glands, nerves, blood vessels & lymphatics.

Functions

- Protection from external environment.
- Sensations.
- Regulation of body temperature.

SUPERFICIAL FASCIA

Formed of **loose connective tissue & fat**.

It also **contains nerves, blood vessels & lymphatics, transmitting it to skin**.

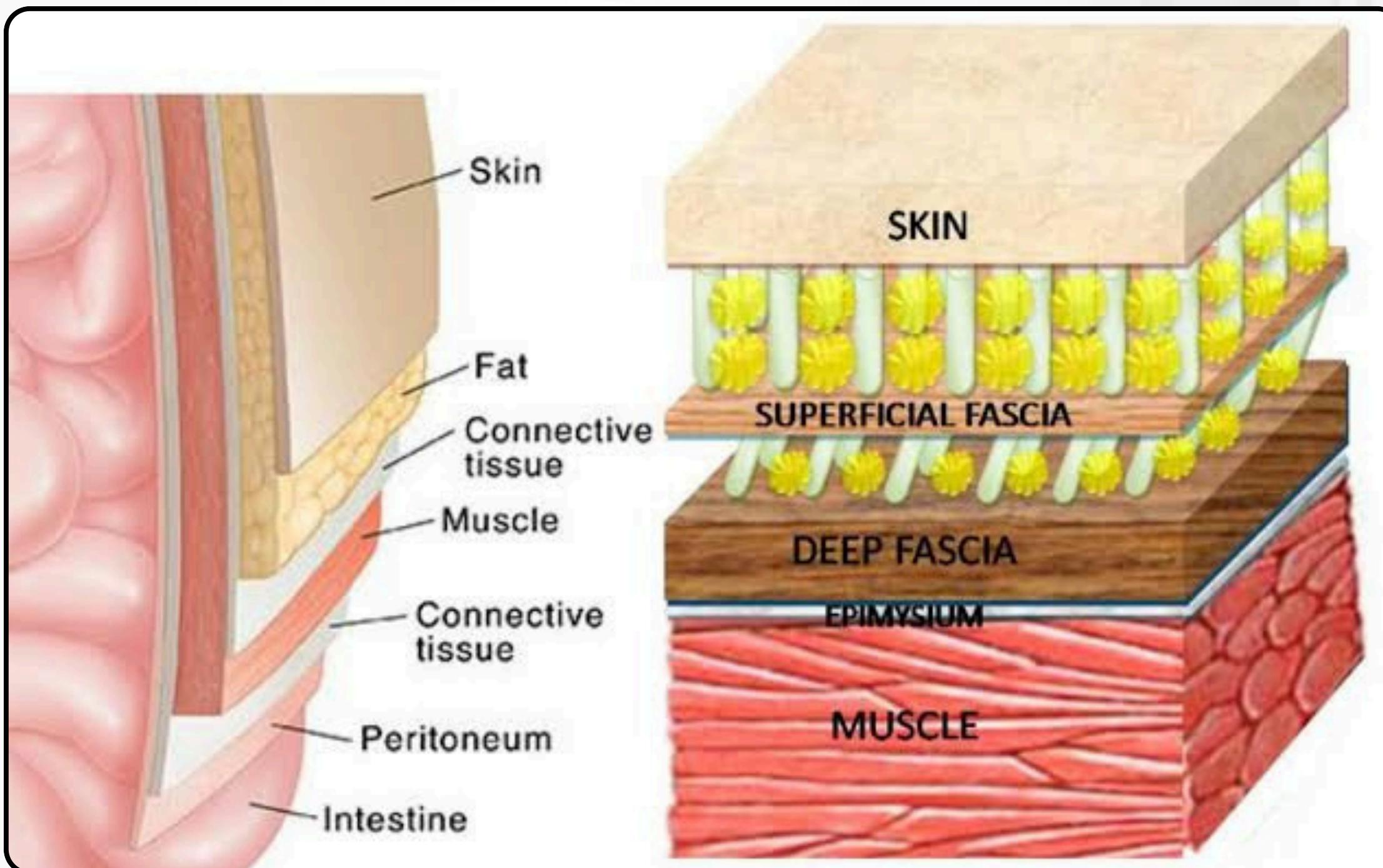
It is **absent in specific sites, e.g.: eye lids & scrotum**.

Functions

- Fat store.
- Regulation of body temperature (**fat prevent heat loss**).
- In females, it contains the **mammary gland forming the breast**.



SKIN & FASCIA



DEEP FASCIA

It is formed of **dense connective tissue**, to surround the deeper structures. It is well developed in **limbs**, especially around the joints (to grasp the different structures passing) & **in the palm of hand & sole of foot** (for protection).

It is poorly developed in sites which need expansion, e.g.: **face & thoracic & abdominal walls.**

