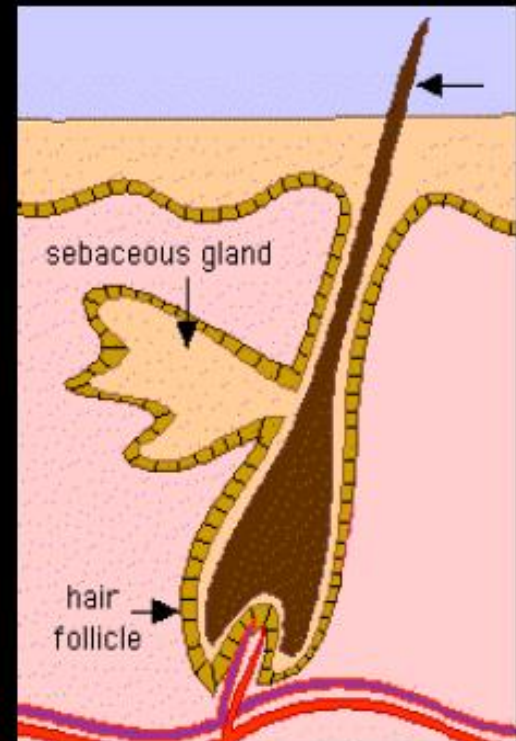
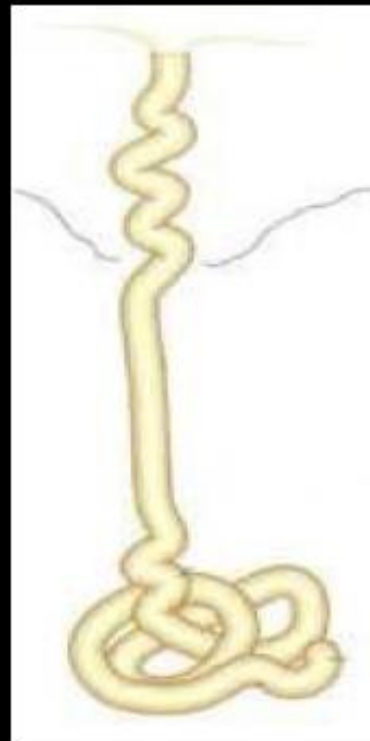
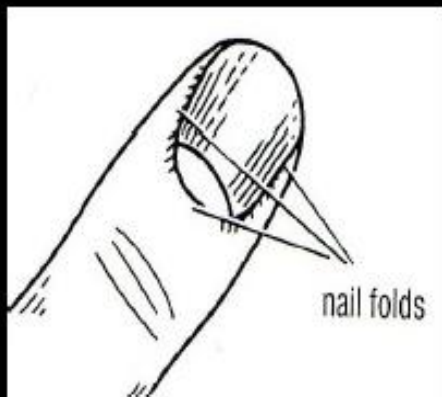


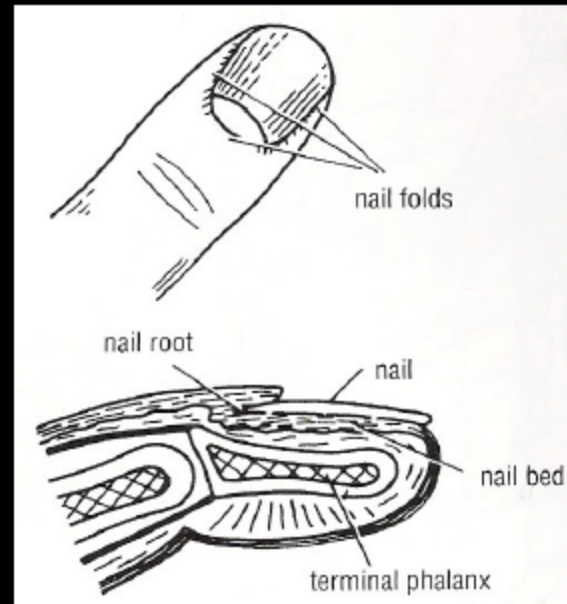
The appendages of the skin



- Nails
- Hairs
- Sebaceous glands
- Sweat glands

Nails

A **nail** is a flat horny plate on the dorsal surface of tips of the fingers and toes

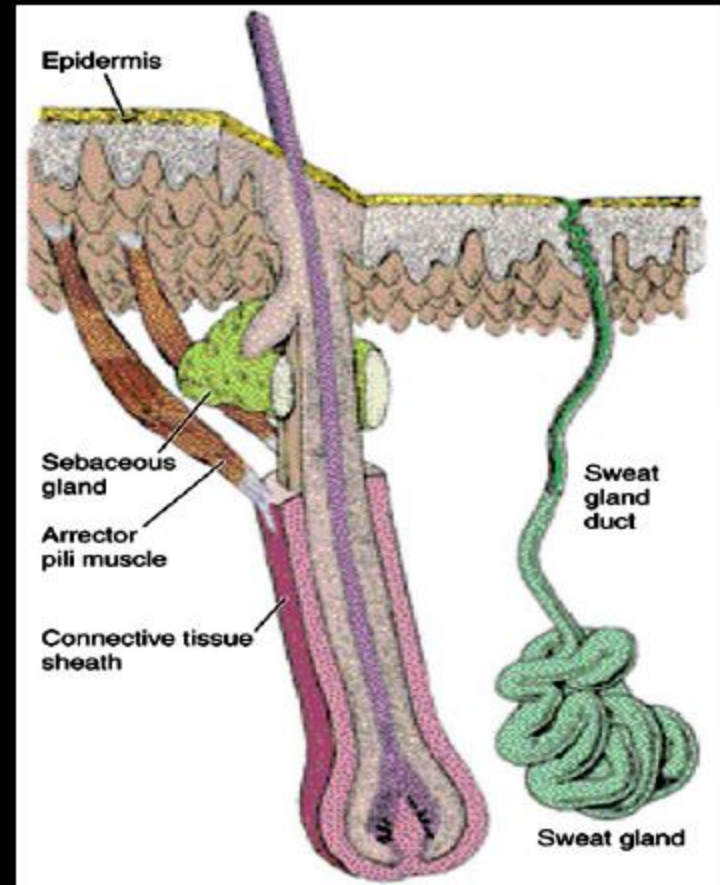


- **Nail bed is very vascular causing pink color of the nail**
- **The germinative zone lies beneath the root & is responsible for growth of nail**

Hairs

Cover whole surface of the body except some areas as **lips, palms, soles, reproductive organs.**

Consist of 2 parts:
Shaft: free end
Root: embedded part



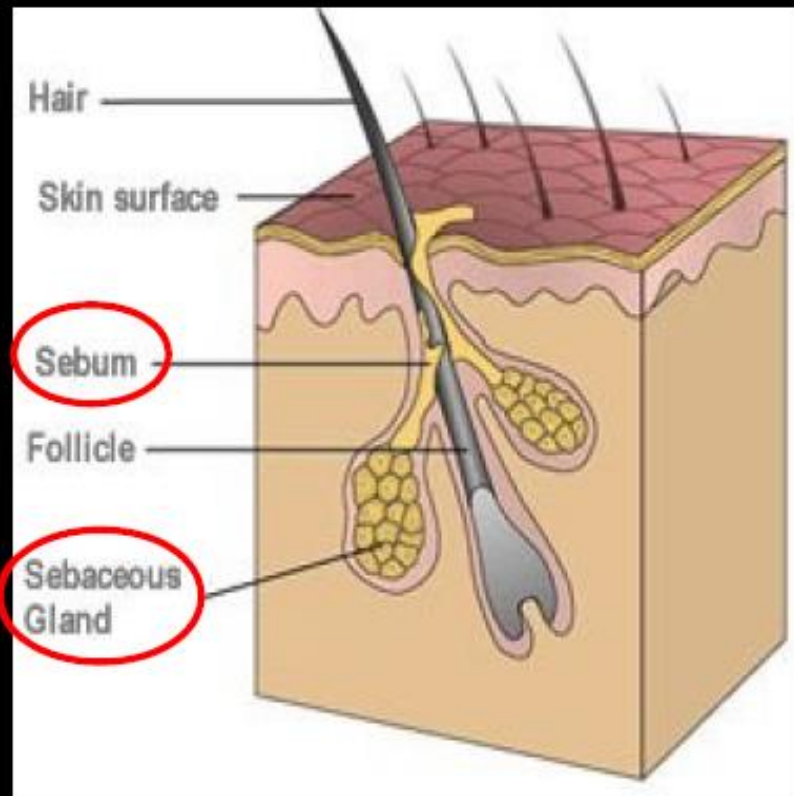
Sebaceous glands

Function

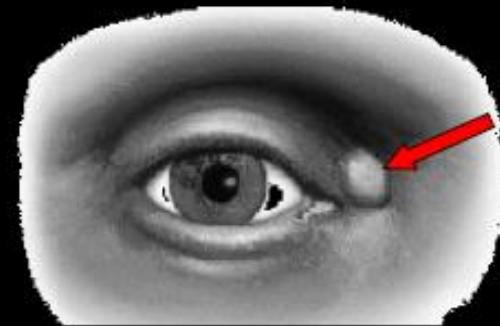
It secretes sebum to oil (lubricate) hair and skin.

Sebum

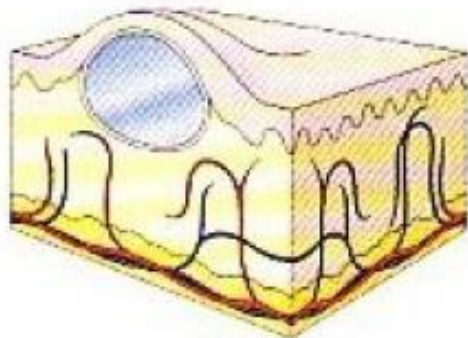
An oily material that keeps the flexibility of the hair and oils the epidermis around the mouth of the follicle.



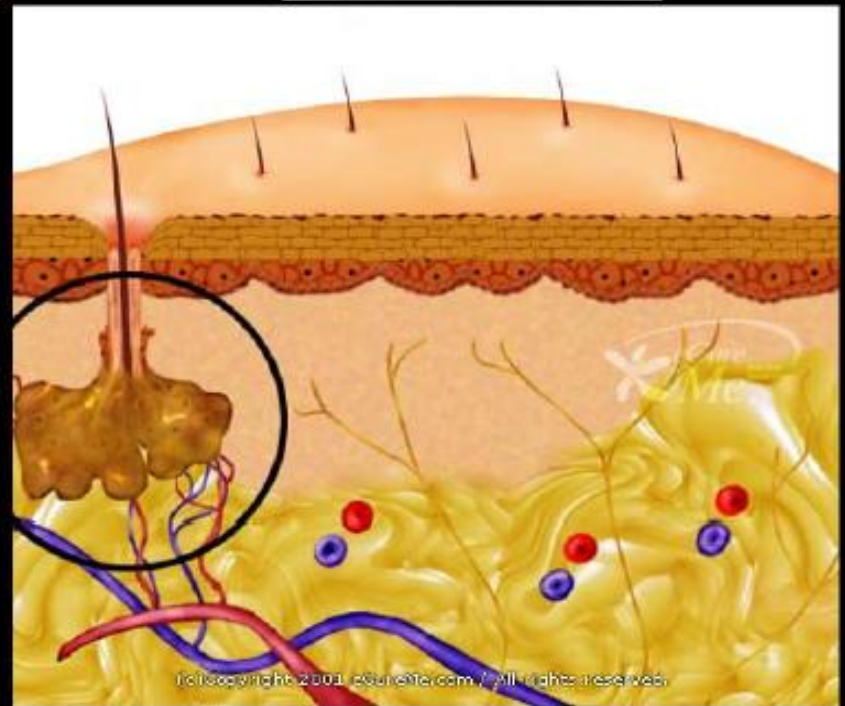
Sebaceous cyst



It occurs because of the obstruction (**blocking**) of the sebaceous **duct**.

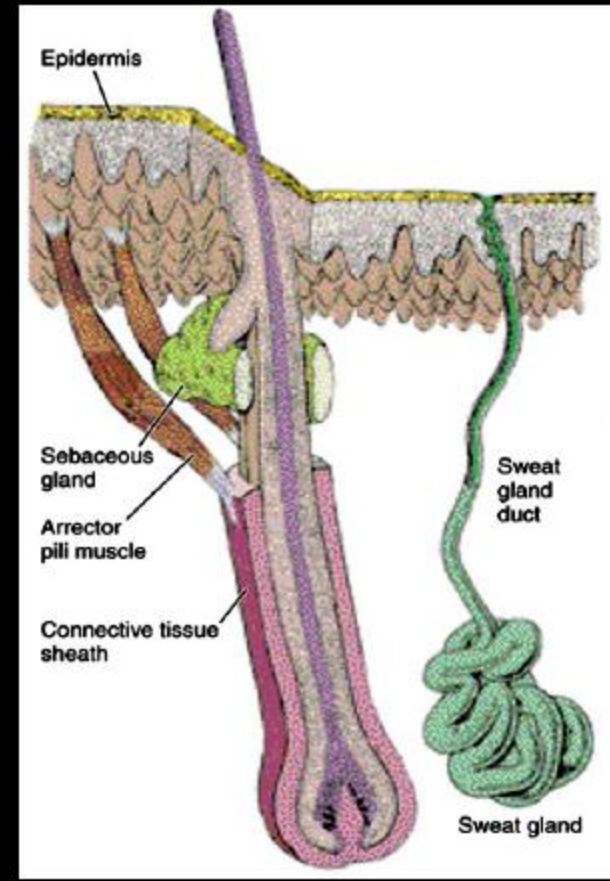


Cyst
(fluid or semisolid filled sac)



Sweat glands

- long **tubular** glands with deep coiled part.
- All over the body except red margins of **lips, nail beds, glans penis and clitoris.**
- The most **deeply** penetrated structure.



Skin infections

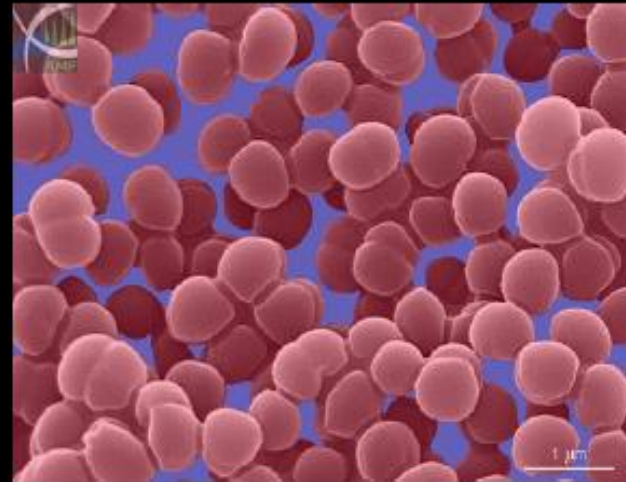
Pathogenic organisms can enter to the tissue through :

- **Nail Folds**
- **Hair Follicles**
- **Sebaceous Glands**



Staphylococcus:

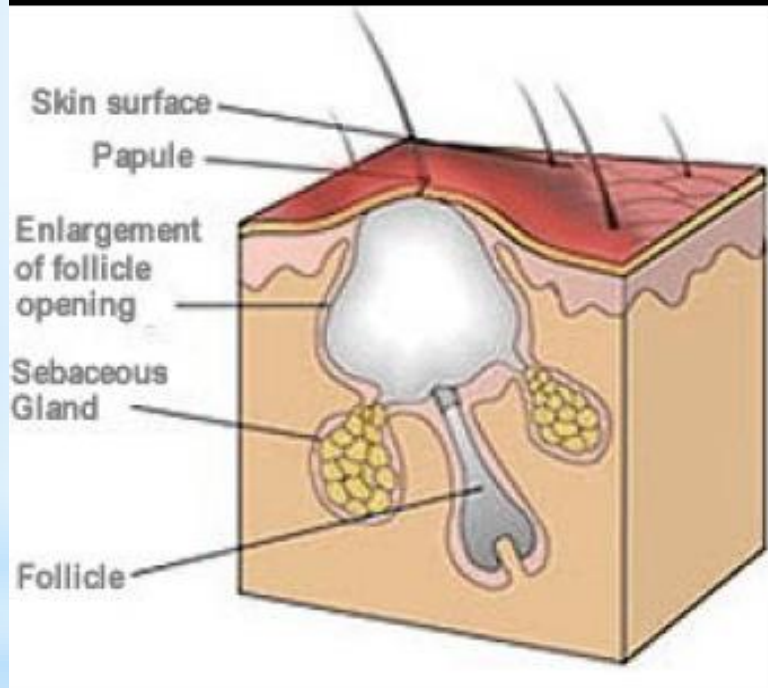
A type of bacteria that causes skin infections.



Skin infections

- **Paronychia**, infection between the **nail and nail fold**
- **Boil**, Infection of the **hair follicle and sebaceous glands**
- **Carbuncle**, infection in the superficial fascia affecting **single or group of hair follicles**

CARBUNCLE



Par/onych/ia :

par- : through

onych- : nail

**-ia : abnormal
condition**

