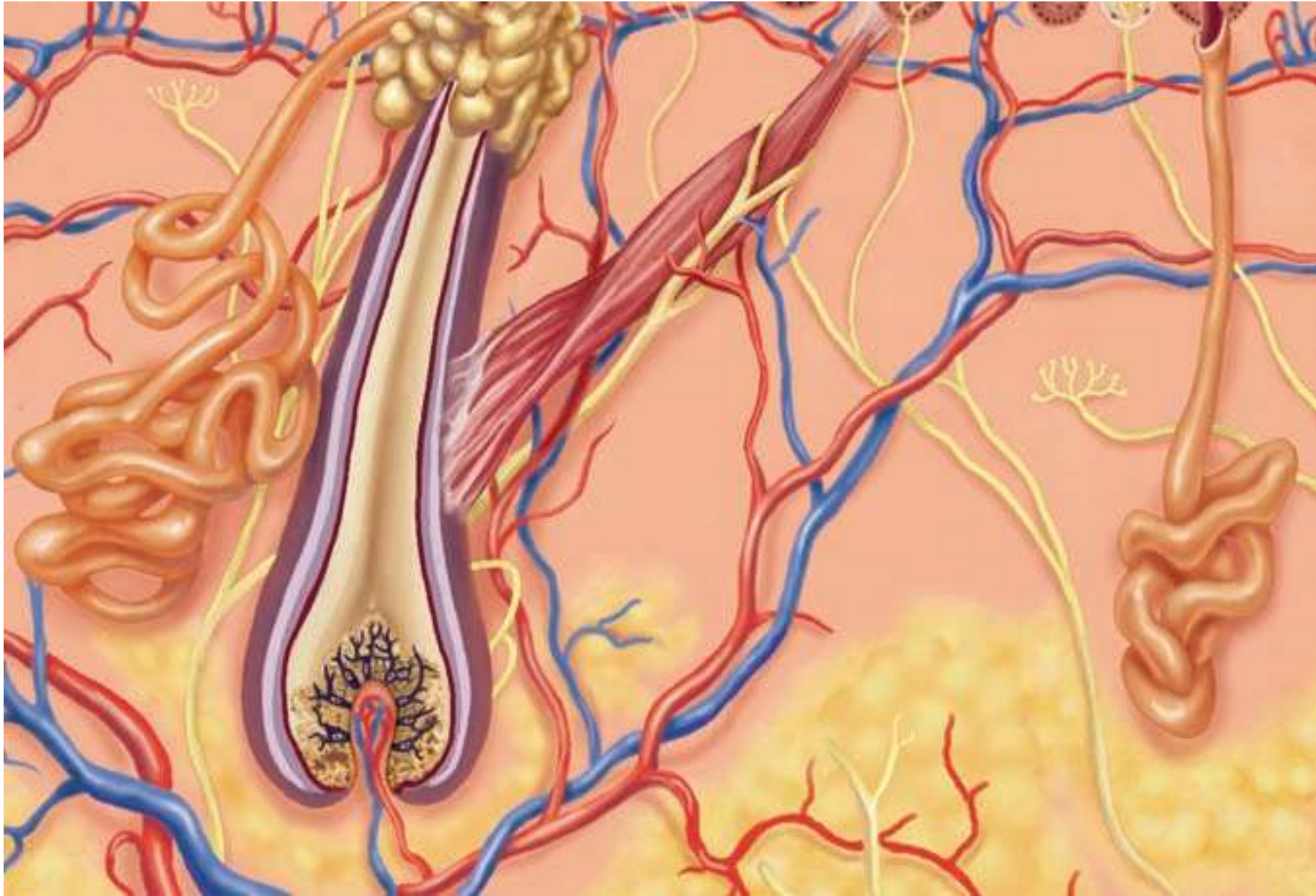


Integumentary System

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Anatomy and Physiology Key Terms

Terms	Defintion
androgen AN-drĕ-jĕn	Generic term for an agent (usually a hormone, such as testosterone and androsterone) that stimulates development of male characteristics
ductule DUK-tĭ-ul <i>duct</i> : to lead; carry <i>-ule</i> : small, minute	Very small duct
homeostasis hĕ-mĕ-o-STA-sĭs <i>homeo-</i> : same, alike <i>-stasis</i> : standing still	State in which the regulatory mechanisms of the body maintain an internal environment within tolerable levels, despite changes in the external environment

scrotum SKRO-t ũum	Pouch of skin in the male that contains the testicles
synthesis SIN-th ũes- ũ ũ is	Formation of a complex substance by the union of simpler compounds or elements
synthesize S ũIN-th ũe-s ũiz	To produce by synthesis

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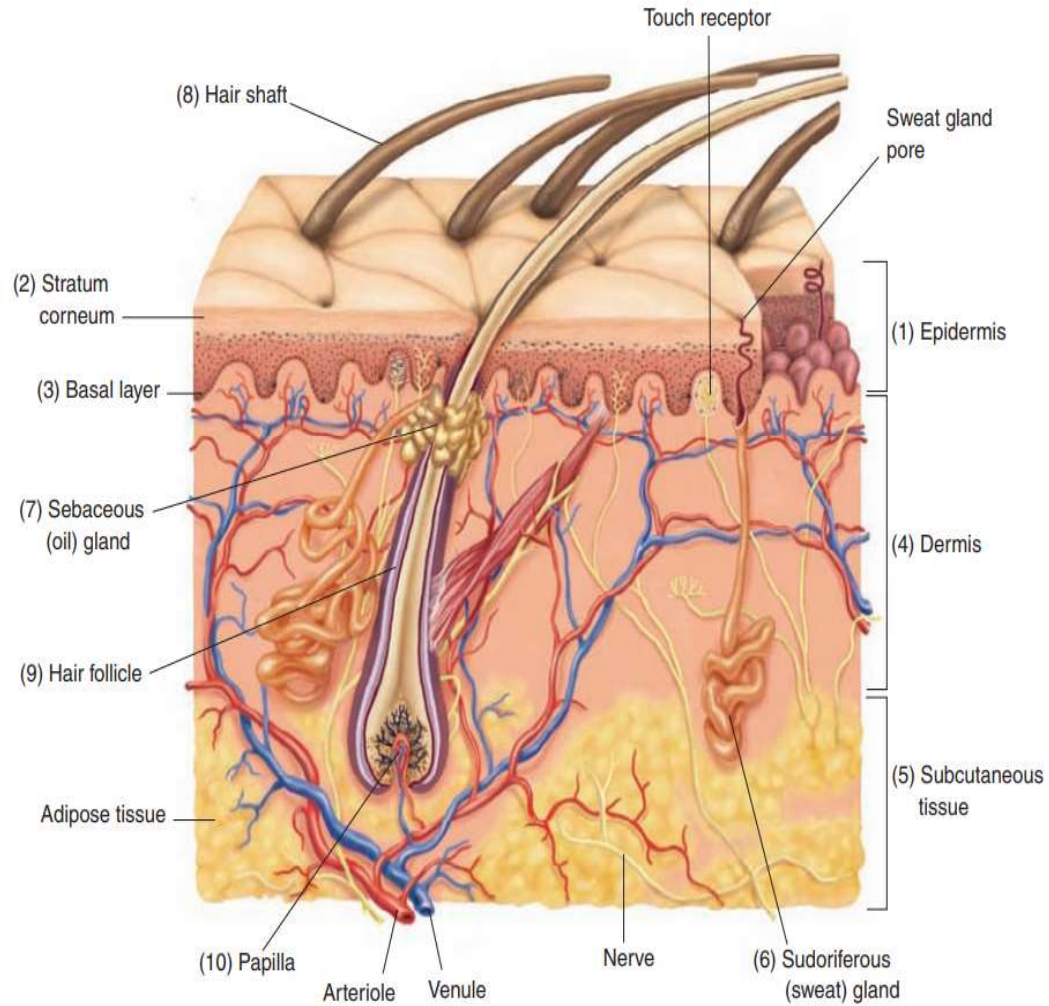


Figure 5-1. Structure of the skin and subcutaneous tissue.

adip/o	fat	adip/osis : abnormal condition of fat - <i>osis</i> : abnormal condition; increase (used primarily with blood cells)
lip/o		lip/o/cele : hernia containing fat
steat/o	Skin	steat/itis : inflammation of fatty (adipose) tissue
cutane/o		sub/ cutane/ous : pertaining to beneath the skin
dermat/o		dermat/o/plasty : surgical repair of the skin
derm/o		hypo/ derm/ic : pertaining to under the skin

hidr/o	sweat	hidr /aden/itis: inflammation of the sweat glands
sudor/o		sudor /esis : profuse sweating
ichthy/o	dry, scaly	ichthy /osis: abnormal condition of dry or scaly skin
kerat/o	horny tissue; hard; cornea	kerat /osis: abnormal condition of horny tissue
melan/o	black	melan /oma : black tumor
myc/o	fungus (plural, <i>fungi</i>)	dermat/o/ myc /osis: fungal infection of the skin

onych/o	nail	onych/o /malacia: softening of the nails
ungu/o		ungu/al (UNG-gw ~ ~ al): pertaining to the nails
pil/o	hair	pil/o /nid/al: pertaining to hair in a nest
trich/o		trich/o /pathy: disease involving the hair
scler/o	hardening; sclera (white of eye)	scler/o /derma: hardening of the skin
seb/o	sebum, sebaceous	seb/o /rrhea: discharge of sebum An oily substance produce by skin
squam/ o	scale	squam /ous: pertaining to scales (or covered with scales)
xen/o	foreign, strange	xen/o /graft: skin transplantation from a foreign donor
xer/o	dry	xer/o /derma: dry skin

Suffixes

-cyte	cell	lip/o/ cyte : fat cell
-derma	Skin	py/o/ derma : pus in the skin
-logist	specialist in the study of	dermat/o/ logist : specialist in treatment of skin disorders
-logy	study of	dermat/o/ logy : study of the skin (and its diseases)
-therapy	treatment	cry/o/ therapy : use of cold in the treatment (of disease)

Prefix

an-	without, not	an /hidr/osis: abnormal condition of absence of sweat
Dia-	through, across	dia /phoresis: excessive or profuse sweating; also called <i>sudoresis</i> or <i>hyperhidrosis</i>
epi	above, upon	epi /derm/is: above the skin
homo	same	homo /graft: transplantation of tissue between individuals of the same species; also called <i>allograft</i>
hyper	excessive, above normal	hyper /hidr/osis: excessive or profuse sweating; also called <i>diaphoresis</i> or <i>sudoresis</i>
sub	under, below	sub /ungu/al: pertaining to beneath the nail of a finger or toe



Diagnostic, Symptomatic, and Related Terms

abscess	Localized collection of pus at the site of an infection .
acne	Inflammatory disease of the sebaceous glands and hair follicles of the skin
alopecia	Partial or complete loss of hair.
Bowen disease	Form of intraepidermal carcinoma.
cellulitis	acute infection of the skin and subcutaneous tissue



<p>chloasma kl̄ o-AZ-m̄̄ a</p>	<p>Pigmentary skin discoloration usually occurring in yellowish brown patches or spots</p>
<p>comedo</p>	<p>Typical small skin lesion of acne vulgaris caused by accumulation of keratin, bacteria, and dried sebum plugging an excretory duct of the skin</p>
<p>dermatomycosis</p>	<p>Infection of the skin caused by fungi</p>
<p>ecchymosis ek-̄̄ ī-MO- s̄̄ - īs</p>	<p>Skin discoloration consisting of a large, irregularly formed hemorrhagic area with colors changing from blue-black to greenish brown or yellow; commonly called a <i>bruise</i></p>

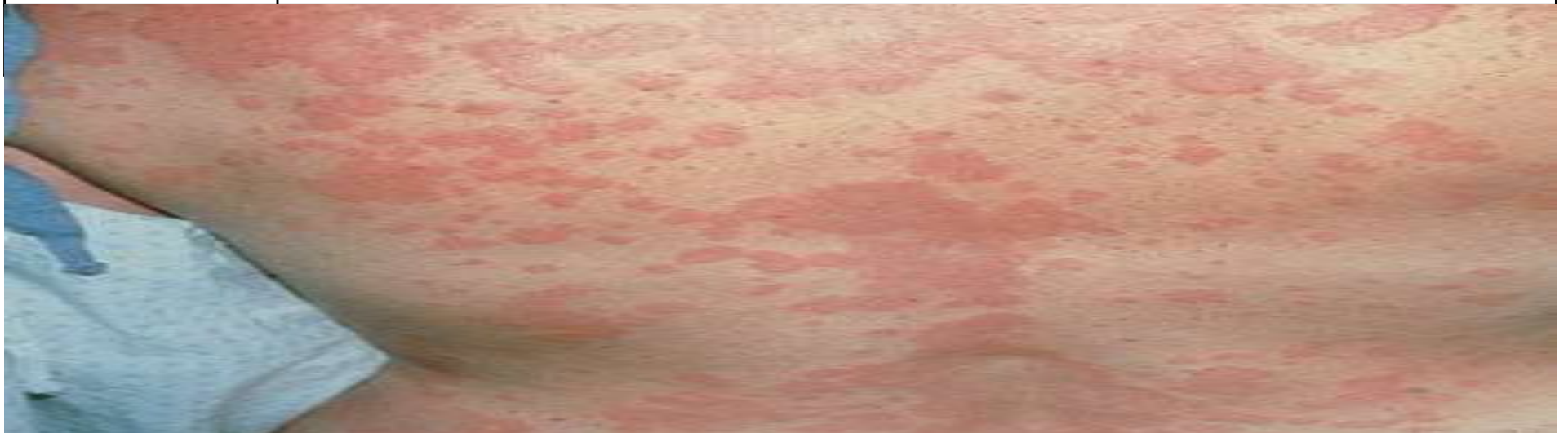


eczema	Chronic skin inflammation characterized by erythema, papules, vesicles, pustules, scales, crusts, scabs, and, possibly, itching
erythema	Redness of the skin caused by swelling of the capillaries
eschar	Damaged tissue following a severe burn
impetigo	Bacterial skin infection .
keratosis	Thickened area of the epidermis or any horny growth on the skin
lentigo	Unnatural paleness or absence of color in the skin

pediculosis	Infestation with lice,
petechia	Minute, pinpoint hemorrhage under the skin
pressure ulcer	Skin ulceration caused by prolonged pressure from lying in one position that prevents blood flow to the tissues.
pruritus	Intense itching
psoriasis	Chronic skin disease characterized by circumscribed red patches covered by thick, dry, silvery, adherent scales caused by excessive development of the basal layer of the epidermis



purpura	Any of several bleeding disorders characterized by hemorrhage into the tissues, particularly beneath the skin.
scabies	Contagious skin disease transmitted by the itch mite, commonly through sexual contact
tinea	Fungal skin infection whose name commonly indicates the body part affected; also called <i>ringworm</i>
urticaria	Allergic reaction of the skin characterized by the eruption of pale red, elevated patches called <i>wheals</i> or <i>hives</i> .



verruca	Epidermal growth caused by a virus; also known as warts. Types include plantar warts, juvenile warts, and venereal warts
vitiligo	Localized loss of skin pigmentation characterized by milk-white patches



Diagnostic and Therapeutic Procedure

skin test (ST)	Any test in which a suspected allergen or sensitizer.
patch	Skin test that identifies suspected allergens by topical application of the substance to be tested.
scratch	Skin test that identifies suspected allergens by placing a small quantity of the suspected allergen on a lightly scratched area of the skin
biopsy	Representative tissue sample removed from a body site for microscopic examination
debridement	Removal of necrotized tissue from a wound by surgical excision, enzymes, or chemical agents

fulguration	Tissue destruction by means of high-frequency electric current.
cryosurgery krī-ō-SER-jēr-ē	Use of subfreezing temperature to destroy or eliminate abnormal tissue, such as tumors, warts, and unwanted, cancerous, or infected tissue
xenograft	Transplantation (dermis only) from a foreign donor. also called <i>heterograf</i>
allograft AL-ō-graft	Transplantation of healthy tissue from one person to another person; also called <i>homograft</i>

Abbreviations

bx	biopsy	ID	intra dermal
BCC	basal cell carcinoma	I&D	incision and drainage
CA	cancer; chronological age; cardiac arrest	IMP	impression (synonymous with the diagnosis)
decub	decubitus (ulcer)	subcu, Sub-Q, subQ	subcutaneous (injection)
derm	dermatology	ung	ointment
FS	frozen section	XP, XDP	xeroderma pigmentosum

Thank you