

**#209 Structure and Function
of the Human Hair Follicle Human
Hair Follicle Assessment- Hard & Soft Waxing
Vocabulary List & Facts**

1. Anagen - First hair growth stage where new hair is produced.
2. Arrector Pili Muscle - Located in the base of the hair follicle; when it contracts, the hair stands straight up, causing goosebumps.
3. Barbae Folliculitis - Ingrown hairs from shaving.
4. Catagen - Second regression (falling out) stage; in the catagen stage, the hair shaft grows upward and detaches itself from the bulb.
5. Cyclical - Cyclical patches of hair tend to be better seen on the scalp. The pattern in which hair grows
6. Depilatory – Substance usually a caustic alkali preparation, used for the temporary removal of hair by dissolving at the skin level
7. Dermal Core - Another term for resting phase.
8. Dermal Papilla - Cone-shaped elevation at the base of the follicle that fits into the bulb. The papilla is filled with tissue that contains the blood vessels and cells necessary for hair growth and nourishment of the follicle.
9. Dermal root sheath - Some scientists believe that dermal root sheath cells can become fibroblasts cells that aid in healing fibroblast cells that aid in healing. Divided into three concentric layers, each layer corresponding to a layer of the dermis
10. Electrolysis – Removal of hair by means of an electric current that destroys the root of the hair
11. Epidermal root sheath - The epidermal root sheath coincides with stratum spinosum layer of the epidermis. Has external and internal component
12. Epilation – Hair removal treatments such as waxing, electrolysis, or laser hair removal
13. External sheath - The external sheath of the hair follicle is made up of cuboidal cells, which are also located in the sweat glands of the dermis. Sweat glands of the dermis. Outer part of the hair follicle derived from the dermis
14. Fattah - Egyptian word for threading
15. Khite - Arabic word for threading
16. Galvanic electrolysis - a modality of electrolysis using direct current
17. Gender reassignment - the process of physically changing to the opposite gender
18. Glassy membrane - The glassy membrane separates the hair follicle from the connective tissue of the dermis. Innermost layer of the sheath and relates to the basal lamina beneath the epidermis
19. Hair Bulb - The swelling at the base of the follicle that provides the hair with nourishment; it is a thick, club-shaped structure that forms the lower part of the hair root.
20. Hair Follicle - The tubular shield that surrounds the lower part of the hair shaft; the “pore” where hairs grow.
21. Hair Root - Part of the hair that lies within the follicle.
22. Hair Shaft - Portion of the hair that extends or projects beyond the skin, consisting of the outer layer (cuticle), inner layer (medulla), and the middle layer (cortex). Color changes happen in the cortex.
23. Henley’s layer - Outermost layer of the internal root sheath, contains hyaline. The Henley’s layer grips the Huxley’s Layer to stabilize the hair

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24. Hirsutism - Growth of an unusual amount of hair on parts of the body normally bearing only downy hair, such as the face, arms, and legs of women or the backs of men.
25. Human papillomavirus (HPV) - a cutaneous viral infection commonly caused by sexual transmission and exhibited by genital warts
26. Huxley's layer - The middle layer of IRS (internal root sheath)
27. Hypertrichosis - Excessive hair growth where hair does not normally grow.
28. Internal sheath - The internal sheath of the hair follicle is made up of the same keratinocytes found in the skin. Inner part of the hair follicle derived from the epidermis
29. Internal epidermal root sheath - The internal epidermal root sheath protects the hair as it grows. It is composed of keratinized cells and surround and grows with the hair root
30. Labia majora - the outer folds of the vulva on either side of the vagina
31. Labia minora - the inner folds of the vulva on the edge of the vaginal opening
32. Lanugo - The hair on a fetus; is extremely soft.
33. Pedicle - part of a skin graft that is temporarily attached to its original site for the purpose of maintaining a good blood supply
34. Perineum - the area between the vulva and anus or scrotum and anus
35. Telogen - Final hair-growth stage, the resting stage. During the telogen stage, the hair is at its full size and is erect in the follicle.
36. Trichology - The scientific study of hair and its diseases.
37. Vaginoplasty - genital surgery in which the testicles are removed and the skin from the penis (with the hair permanently removed) is inverted to form a vaginal opening
38. Vellus Hair - Very fine, soft hair.
39. Folliculitis - Inflammation of hair follicle, cause by non-infection agents.