

Third Skin Analysis and Consultation Mechanical Exfoliation - Rotary Brush Machine Vocabulary List & Facts

Burns & Sun Facts

1. First degree burn - Causes redness to the top layers of the skin, feels warm or painful to the touch; Red, non-blistered skin. Benefit: A first degree burn is one of the mildest forms of skin injury. Fact: Peeling will be noticed.
2. Second Degree Burn - Results in blistering. The deeper layers of the skin are affected; some thickening of the skin. Benefit: Oral pain pills and topical drugs will help with pain and healing. Fact: Second degree burns are more serious because the damage extends beyond the top layer of the skin. The burned area is noted to be shiny.
3. Third Degree Burn - Goes all the way through the skin. Benefit: Applying lidocaine and aloe vera gel helps with the pain and healing. Fact: Nerve endings have been destroyed; widespread white leathery thickness. Third degree burns go through the dermis and affect deeper tissues. The skin becomes black and numb.
4. Fourth Degree Burn - Causes damage to all the skin, muscles, tendons, and ligaments. A burn that extends deeply into the subcutaneous tissue, completely destroying the skin, subcutaneous fat, and tendons. Benefit: Call 911. Skin grafts can be used. Fact: These are treated with pain medications. The muscles, tendons, and bones are affected at this stage.
5. Physical Sunscreen Products – An example is zinc oxide; inorganic sunscreen, and sunblock. Benefit: Physical sunscreens do not penetrate into your bloodstream like chemical sunscreens do. Fact: They can be removed from the skin easily.
6. Chemical Sunscreen Products - Broad-spectrum absorbers; organic sunscreen. Benefit: Some chemical sunscreen ingredients actually absorb the sun's UV rays before they penetrate into your skin. Fact: They spread easily onto the skin.

Skin Growths

1. Verruca – A wart, hypertrophy of the papillae and epidermis caused by a virus. It is infectious and contagious. It is also called plantar warts. This is a type of wart that affects the bottom of the feet. Benefit: They are not cancerous. Fact: It is caused by HPV.
2. Mole – A brownish spot ranging in color from tan to bluish black. Some are flat, resembling freckles; others may be raised; evenly colored spot on the skin. Moles are a common type of growth on the skin. Benefit: Moles can be checked by a doctor to see if they need to be removed. Fact: Moles can get bigger as the person grows.
3. Actinic Keratosis – (AK) – It is also known as solar keratosis. It's a scaly precancerous lesion that may look like a wart. It's caused by damage from the ultraviolet rays. They can be caused by damage from UV rays. Benefit: Drugs can be used topically to treat these lesions. Fact: This indicates that you have sustained sun damage and could develop any kind of skin cancer. It is

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known to be ruff and dry.	
4.	Keratoma - An acquired thickened patch of epidermis. A callus caused by pressure or friction is a keratoma which is a tumor of the epidermal cells of the inner cell wall. An area of hardened skin, usually called a callas which is usually a response to frictional trauma to the skin. Benefit: Treatments include removal and also liquid nitrogen Fact: They can be located on the bottom of feet and on the palms of the hands.
5.	Keloid – A thick scar resulting from excessive growth of fibrous tissue and collagen; an overgrowth of scar tissue. Benefit: Botox and other medications can be injected to ease the pain and burning. Fact: It is the formation of a type of scar
6.	Scars – Light colored, slightly raised mark on the skin formed after an injury or lesion of the skin has healed up; a mark left on the skin from a burn or a wound which did not properly heal and fibrous connective tissue grew in its place. Benefits: Plastic surgeons can get rid of scaring as well as use of electrical equipment. Fact: Scars are areas of fibrous tissue that replace normal skin after injury. Scars appear after an injury.
7.	Ulcers – An open lesion on the skin or mucous membrane of the body; accompanied by pus and loss of skin depth. A depression in the skin; caused by a break in the skin or mucous membrane healing incorrectly. An open sore or wound that develops on the skin. Benefit: Medications help ulcers heal. Fact: They can be caused by poor blood flow.
8.	Atrophy - Degeneration of the body known as wasting away of some part or organ of the body. When a body part is affected by paralysis, the muscles may atrophy through lack of use. Benefit: Some treatments that can help are exercise, physical therapy, and ultrasound therapy. Fact: It is shortening of the muscles over a period of time.
9.	Hypertrophy – An abnormal growth; many are benign, or harmless; muscle growth with an increase of the muscle cells. Muscle hypertrophy involves an increase in size of skeletal muscle through a growth in size of its component cells. Benefit: Exercise, diet and supplements can be used to treat these. Fact: The increase size of a muscle over a period of time.
10.	Cyst – A closed abnormally developed sac containing fluid, infection, or other matter above or below the skin; a hollow cavity. Benefit: Many cysts can be removed surgically. Fact: They can happen anywhere on the body and be different sizes.
11.	Fibroma – A benign tumor or nonmalignant tumor involving the fibrous connective tissue. An example is cartilage. Benefit: They are benign tumors that are composed of fibrous or connective tissues. Fact: They can be located on organs in the body.
12.	Tumor – Swelling; an abnormal cell mass resulting from excessive cell multiplication, varying in size, shape and color. A swelling of a part of the body, generally without inflammation caused by an abnormal growth of tissue. Benefit: Tumors can be surgically removed. They can be examined by MRI's and then a diagnoses can be made. Fact: They can be cancerous or not cancerous.

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Week 5B - #343 Third Skin Analysis and Consultation-Growth and Burn- Rotary Brush Machine