

Pathology 1 – Skin and Skin Disorders

Class Tasks and Skills

Complete the following activities and send your work to your eLearning instructor.

Course Content Curriculum

Class Tasks and Skills

Diagram Create Describe Write Identify List Draw

BodyRegion/Cavities Directional Terms

Draw the body areas and identify the head and neck, upper back, mid back lower back, buttocks, thighs and legs, feet, trunk, chest and abdomen, genital and upper arms, forearms and hands. Use the correct body region terms to identify these structures.

Describe the limbs of the body using directional terms such as proximal and distal.

Homeostatis

Write a one paragraph statement describing the homeostatis regulatory mechanisms of the skin.

System Basics

Draw a diagram of the skin including the epidermis, dermis and subcutaneous layers. Include the anatomical and physiological structures such as blood vessels, nerves and sensory organs that compose this tissue and list and describe the purpose of these structures.

Integumentary System

1. Create 'skin' using common household items such as wax paper or a sponge, use materials to make multiple layers of epidermis, fat, etc.
2. Identify skin disorders using yourself, friends, or family look for moles, warts, or other skin disorders.
3. Identify (Magnifying lens identification) – examine the skin and hair under a magnifying lens and describe what you observe.
4. Identify - Use a tongue depressor to scrape the surface of the skin (lightly). What happens when the skin is stimulated this way?

5. Use your camera or a cheap disposable one and take a close up photograph of your face. Take a highlighter pen and map the problems areas that you identify on your face. This may include areas of irritation, disease, aging, or just things that you do not like about your face. If you do not have a camera you may draw your face and diagram the problem areas that you identify.
6. Perform an overall body skin survey and list the areas of your skin and hair that you identify as problem areas.
7. Using the “pinch” method and a ruler estimate the thickness of your subcutaneous fat layers in the following regions:
 - Back of the hands
 - Over the Tricep muscle
 - On the abdomen
 - Over the hip
 - On the anterior of the thigh
8. Do you have a skin condition or disease? If you do write a few paragraphs describing it, if not write about any condition listed in your course reading materials.
9. Write and explain how other body systems such as the circulatory system, nervous system or lymphatic system can affect the health and appearance of the skin.

Tests*

***Note: The test for the pathology program constitutes the questions that are included in the READING MATERIALS. Once you have answered those questions you have completed the test.**