

Integumentary System

Name: _____

Drag and drop the name of the layer to its correct position.

Dermis
Epidermis
Subcutaneous layer



Identify each description as part of the Epidermis, Dermis, or Subcutaneous (you may use each term more than once).

- 1) Absorbs a small amount of impact. _____
- 2) Produces melanin. _____
- 3) Contains nerve endings. _____
- 4) Is made of 1-50 layers of dead skin. _____
- 5) Innermost layer. _____
- 6) Blood vessels pass through this layer. _____

Identify the following skin injuries as bruise, cut, or burn.

- 7) It can cause damage to all 3 layers of the skin. It involves charring of the skin and leaving behind a scar. _____
- 8) Blood vessels rupture due to impact/trauma. _____
- 9) Slicing of the skin. May or may not leave a scar. _____
- 10) Causes blisters to appear. _____
- 11) Blood oxidizes under the epidermis. _____

Anatomy Physiology Integumentary System Worksheet

Basic Skin Structure

U.S. NAVAL HOSPITAL CORPS SCHOOL



Anatomy Physiology Integumentary System Worksheet Basic Skin Structure:

Corpsman Student Handbooks I, II and III Combined: U.S. Navy Basic Hospital Corps School Training

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Anatomy and Physiology : The Skin and Its Tissues Rumi Michael Leigh, The Skin and Its Tissues Things You Should Know Questions and Answers explains the anatomy physiology and conditions of the skin in a question and answer format The book introduces the layers of the skin including the epidermis dermis and hypodermis and describes their protective and sensory functions It explains the roles of sebaceous glands sweat glands melanocytes keratinocytes collagen and elastin in maintaining healthy skin Topics include pigmentation disorders such as vitiligo skin cancers like melanoma and the impact of burns categorized into first second and third degrees The text also covers common conditions such as acne wrinkles seborrhea and cyanosis while highlighting the role of the skin in vitamin D synthesis temperature regulation and immunity Additional sections explore connective tissues wound healing skin appendages such as hair and nails and the factors that influence aging of the skin This book will interest students health science learners and general audiences who want to learn about the structure and functions of the skin along with related disorders **The**

Integumentary System The Open The Open Courses Library,2019-10-28 The Integumentary System Anatomy What do you think when you look at your skin in the mirror Do you think about covering it with makeup adding a tattoo or maybe a body piercing Or do you think about the fact that the skin belongs to one of the body s most essential and dynamic systems the integumentary system The integumentary system refers to the skin and its accessory structures and it is responsible for much more than simply lending to your outward appearance In the adult human body the skin makes up about 16 percent of body weight and covers an area of 1 5 to 2 m² In fact the skin and accessory structures are the largest organ system in the

human body As such the skin protects your inner organs and it is in need of daily care and protection to maintain its health This book will introduce the structure and functions of the integumentary system as well as some of the diseases disorders and injuries that can affect this system Chapter Outline Layers of the Skin Accessory Structures of the Skin Functions of the Integumentary System Diseases Disorders and Injuries of the Integumentary System The Open Courses Library introduces you to the best Open Source Courses **Anatomy and Physiology, the Skin and Its Tissues** Rumi Michael

Leigh,2020-11-04 This book will help you understand the integumentary system organs system layers the skin structure system facts and functions This book helps break down difficult topics and makes these topics easier to understand *The Structure and Function of Skin* William Montagna,2012-12-02 The Structure and Function of Skin Third Edition is devoted to all matters pertaining to the structure and function of the skin Drawing upon the accumulated data derived from embryology histology anatomy physiology biochemistry and pharmacology this book presents an overview of skin with emphasis on human skin Topics range from the biological functions of the dermis to the histochemical and microchemical properties of the epidermis the effects of protein deficiency on hair growth cutaneous innervation nail regeneration and growth sebaceous glands and eccrine sweat glands This book is organized into 12 chapters and begins with an overview of the structure and function of skin and then discusses the epidermis and its structural features Special consideration is given to the life cycle of epidermal cells the properties and function of stratum corneum and other cells in the epidermis including melanocytes the cells of Langerhans and Merkel cells The chapters that follow focus on age related changes in the dermis cutaneous blood flow changes in skin circulation and the dermal nerve network The book also considers hair growth and differentiation the effects of malnutrition on the morphology of hair roots and the structure and development of the nails A chapter describing the cytochemistry and pharmacology of eccrine sweat glands concludes the book This book is written primarily for dermatologists whether seasoned veterans or neophytes and will also be useful to all biologists who are interested in biomedical disciplines Study Guide for Human Anatomy and Physiology Evelyn Biluk,2012-06-23 This is a collection of multiple choice questions on cells tissues and the integumentary system Topics covered include parts of the cell plasma membrane transport processes cytoplasm nucleus cell division mitosis and meiosis cellular diversity control of cells epithelial tissue connective tissue muscle tissue nervous tissue membranes structure of the skin accessory structures of the skin skin types functions of skin and skin wound healing These questions are suitable for students enrolled in Human Anatomy and Physiology I or General Anatomy and Physiology

Anatomy and Physiology For Dummies Maggie A. Norris,Donna Rae Siegfried,2011-04-12 Learn about the human body from the inside out Every year more than 100 000 degrees are completed in biology or biomedical sciences Anatomy and physiology classes are required for these majors and others such as life sciences and chemistry and also for students on a pre med track These classes also serve as valuable electives because of the importance and relevance of this subject s content Anatomy and Physiology For Dummies 2nd Edition appeals to students

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Productions, 2006-01-01 This program provides a creative and engaging description of the integumentary system It discusses each layer of the skin describing its anatomy and physiology as well as accessory structures such as hair glands and nails

Skin Anatomy and Physiology Research Developments Leon F. Bukowski, 2010 Skin anatomy refers to the structure of the skin which consists of two principal parts the outer thinner portion which is called the epidermis and the inner thicker portion which is known as the dermis Alternatively skin physiology is the subdivision of physiology which concerns the functions of the skin including the regulation of body temperature protection sensation excretion immunity blood reservoir and the synthesis of Vitamin D There are more than a thousand conditions that may affect the skin but some of the most common skin diseases include rashes bacterial infections fungal infections parasitic infections pigmentation disorders tumours and cancers and skin diseases that result from trauma This book gathers the latest research from around the globe in this field **The Integumentary System** Scientific Publishing Ltd., 2015-03-01 The Integument System Thomas

Braem, 1994-11-01 The Integument system takes the reader through an in depth examination of the body's surface the skin

Structure and Function of the Body Gary A Thibodeau, PhD, Linda Swisher, 1996-11 This study guide helps students master basic anatomy and physiology It contains detailed information on how to achieve good grades how to read the textbook how to use visual memory as a learning tool and much more Includes learning objectives crossword puzzles optional application questions and diagrams Basic Anatomy and Physiology of Human Body Mr. Rohit Manglik, 2024-03-29

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