ANATOMY AND PHYSIOLOGY

A listing of materials available at the Justice Institute Library

GENERAL BOOKS


Anatomy & Physiology by Kevin T. Patton and Gary A. Thibodeau. St. Louis, MO: Elsevier/Mosby. (QP 34.5 T49 2016)


The Anatomy and Physiology Learning System by Edith Applegate. St. Louis, MO: Saunders/Elsevier. (QP 34.5 A67 2010)


Clinical Anatomy and Physiology: For the Angry Health Professional by Joseph V. Stewart. Miami, FL: MedMaster. (QP 34.5 S74 2008)


Clinical Physiology Made Ridiculously Simple by Stephen Goldberg. Miami, FL: MedMaster. (QP 34.5 G625 2014)


Gould’s Pathophysiology for the Health Professions by Robert J. Hubert and Karin C. VanMeter. St. Louis, MO: Elsevier. (RB 113 G64 2018)

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*The Human Body in Health & Disease* by Kevin T. Patton and Gary A. Thibodeau. St. Louis, MO: Elsevier. (QP 34.5 T495 2018)

*The Human Brain Book* by Rita Carter ... [et al.]. New York, NY: DK Publishing (RC 386.6 B7 C37 2019)

*Introduction to Human Anatomy and Physiology* by Eldra Pearl Solomon. Maryland Heights, MO: Saunders/Elsevier. (QP 34.5 S682 2016)


*Paramedics! Test Yourself in Pathophysiology* by Katherine M.A. Rogers ... [et al.]. Maidenhead, ENG: Open University Press. (R 847 R64 2011)


Pathophysiology of Heart Disease: A Collaborative Project of Medical Students and Faculty edited by Leonard S. Lilly. Baltimore, MD: Wolters Kluwer/Lippincott Williams & Wilkins. (RC 682.9 P255 2016)

Pathophysiology: The Biologic Basis for Disease in Adults and Children edited by Kathryn L. McCance and Sue E. Huether. St. Louis, MO: Elsevier. (RB 113 M35 2019)


Strength Training Anatomy by Frédéric Delavier. Champaign, IL: Human Kinetics. (QM 151 D454 2010)

Structure & Function of the Body by Kevin T. Patton and Gary A. Thibodeau. St. Louis, MO: Elsevier. (QP 34.5 T45 2016)


CD-ROMs


Cadaver photos blended with a layering technique reveal more than 5,000 anatomical structures. Program includes dissection, animation of anatomical structures and physiological processes, histology, imaging, and quizzes and simulated practical exams. Includes all body systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, respiratory, lymphatic, digestive, urinary, and reproductive.
**Anatomy and Physiology**

**DVDs**

**D2013**  
*Anatomy for Beginners: A Live Autopsy*  
(DVD, 200 minutes)  
Dr. Gunther von Hagens and Prof. John A. Lee take a journey through the human body in front of a live audience. To show the mechanics of the human body, Dr. von Hagens performs the autopsy while Prof. Lee analyzes the complex design. Each of four programs focuses on a different function: movement, circulation, digestion, and reproduction.  
(Firefly Entertainment)  
(QM 33.5 A533 2005)

**D2014**  
*Autopsy, Life & Death: A Series of Lessons on Bodily Dysfunction and Disease*  
(DVD, 200 minutes)  
The four lessons of this program investigate blood, tumours, poison, and time. Blood investigates the flow of blood and the possibly disastrous consequences when suffering from arterial sclerosis. Other demonstrations include the bursting of arteries and blocking of blood flow to the heart. Tumours is concerned with nature of tumours and why they can be fatal. Poison demonstrates kidney, bowel, and liver malfunctions and their possibly lethal consequences. Time shows the dissection of the body of a 94-year old woman and examines how the interior of our bodies ages, and why our organs eventually stop working.  
(Firefly Entertainment)  
(RB 57 A98 2007)

**D395**  
*Lessons from Beyond: Cadaver Lab*  
(DVD, 54 minutes)  
Goes inside the cadaver lab for an anatomy and physiology lesson that goes far beyond pictures in a textbook. Areas of special focus include the extremities, abdomen, chest, head and neck.  
(Primedia Workplace Learning)  
(QM 33.5 L473 2005)

**D979**  
*Massive Blood Loss: Circulatory System Emergencies*  
(DVD, 48 minutes)  
As Dr. Gunther von Hagens makes clear in this program, a shortage of blood can mean insufficient oxygen reaches the major organs, usually resulting in shock and organ failure. Von Hagens examines the consequences of blood loss in the body's vital organs by creating knife-wounds in the torso of a frozen body and reveal the shocking extent of the damage. The program also explores blood loss from fractured bones.  
(McIntyre Media Inc.)  
(RB 144 M273 2008)

**D978**  
*Minutes from Death: Oxygen Deprivation*  
(DVD, 48 minutes)  
The human brain suffers irreversible damage if deprived of oxygen for even a few minutes—a fact Dr. Gunther von Hagens demonstrates in this program, utilizing human cadavers. Simulating an artery injury to illustrate oxygen depletion through blood loss, von Hagens then focuses on problems affecting the trachea, the top priority for ER doctors. Von Hagens inserts an endoscope into his own throat and saws a frozen body in half to reveal the major structures of the airway—showing how easily they can be blocked by foreign objects. Red Cross first aid expert Emma Rand explains simple techniques for clearing the airway, while emergency medicine consultant Dr. John Heyworth shows how paramedics treat complex trachea damage.  
(McIntyre Media Inc.)  
(RB 150 A67 M563 2008)
Violent Impact: Bone Fractures and Brain Trauma (DVD, 48 minutes)

Dr. Gunther von Hagens examines the kinds of injuries that can lead to permanent disability if not quickly addressed. Dissecting a female body donor who died after falling from a window, von Hagens locates fractures throughout her skeleton, explains how bones break, and bends a human spine to discover how much force it can withstand before snapping. The program then investigates the causes and consequences of brain damage. (McIntyre Media Inc.) (RD 93 V565 2008)

MULTIMEDIA

Anatomy.TV. (Website, Internet) London, UK: Primal Pictures. (QM 1 A53)

Available electronically via Ovid. Remote users contact JIBC Library for User ID and Password.

Database contains rotatable 3D models of the human body and anatomical layers which may be stripped away. Includes interactive head & neck, shoulder, hand, thorax & abdomen, spine, pelvis & perineum, hip, knee, and foot. Also included are common pathologies, radiological content, and interactive quizzes.


A compilation of over 260 medical illustration images, each presented in four (4) High Resolution formats. Images of the body are organized into six major region folders (100, 200, 300 series, etc.) plus a .pdf table of contents catalog.

Last updated: March 26, 2019

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