



# ANATOMY AND PHYSIOLOGY

*A listing of materials available at the Justice Institute Library*

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## GENERAL BOOKS

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**100 Case Studies in Pathophysiology** by Harold J. Bruyere, Jr. Philadelphia: Lippincott Williams & Wilkins. (RB 113 B79 2009)

**Anatomy: 750 Multiple Choice Questions with Referenced Explanatory Answers** by Sidney A. Cohn and Marvin I. Gottlieb. New Hyde Park, N.Y.: Medical Examination Pub. Co. (QM 32 A538 1984)

**Anatomy & Physiology** by Kevin T. Patton and Gary A. Thibodeau. St. Louis, Mo.: Mosby/Elsevier. (QP 34.5 T49 2009)

**The Anatomy and Physiology Learning System** by Edith Applegate. Philadelphia, Pa.: Saunders Elsevier. (QP 34.5 A67 2006)

**The Anatomy Coloring Book** by Wynn Kapit and Lawrence M. Elson. San Francisco: Benjamin Cummings. (QM 25 K36 2002)

**Anatomy of the Human Body** by Henry Gray. Philadelphia: Lea & Febiger. (QM 23.3 G73 1985)

**Atlas of Human Anatomy** by Frank H. Netter. Philadelphia, PA: Saunders/Elsevier. (QM 25 N46 2006)

**An Atlas to Human Anatomy** by Dennis Strete and Christopher H. Creek. Boston, Mass.: WCB/McGraw-Hill. (QM 25 S767 2000)

**Barr's The Human Nervous System: An Anatomical Viewpoint** by John A. Kiernan. Philadelphia, Pa.: Lippincott Williams & Wilkin. (QM 455 B37 2008)

**Basic Biomechanics of the Skeletal System** by Victor H. Frankel. Philadelphia: Lea & Febiger. (QP 303 F66 1980)

**Basic Pathology** by Stanley L. Robbins, Vinay Kumar, and Ramzi S. Kotran. Philadelphia, Pa.: Saunders. (RB 111 R6 1997)

**Berne & Levy Principles of Physiology** edited by Matthew N. Levy, Bruce M. Koeppen, and Bruce A. Stanton. Philadelphia, PA: Elsevier Mosby. (QP 34.5 P744 2006)

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## **ANATOMY AND PHYSIOLOGY**

**Cardiopulmonary Anatomy & Physiology: Essentials for Respiratory Care** by Terry Des Jardins.  
Clifton Park, NY: Thomson Delmar Learning. (QP 121 D47 2008)

**The Cardiovascular System at a Glance** by Philip I. Aaronson and Jeremy P.T. Ward. Malden, Mass.:  
Blackwell. (QP 101 C293 2007)

**Clinical Anatomy Made Ridiculously Simple** by Stephen Goldberg and Hugue Ouellette. Miami, FL:  
MedMaster. (QM 25 G64 2007)

**Clinical Applications of Pathophysiology: An Evidence-Based Approach** by Valentina L. Brashers.  
St. Louis, Mo.: Mosby Elsevier. (RB 113 B728 2006)

**Clinically Oriented Anatomy** by Keith L. Moore, Arthur F. Dalley, and Anne M. R. Agur. Philadelphia:  
Wolters Kluwer health/Lippincott Williams & Wilkins. (QM 23.2 M67 2009)

**Comparative Skeletal Anatomy: A Photographic Atlas for Medical Examiners, Coroners, Forensic  
Anthropologists, and Archaeologists** by Bradley J. Adams and Pamela J. Crabtree. Totowa,  
N.J.: Humana. (QM 25 A33 2008)

**Emergency Medical Assistant II: Anatomy and Physiology: Student Workbook** written by Jennifer  
Tanton. New Westminster, B.C.: Justice Institute of British Columbia, Paramedic Academy.  
(QM 23.2 T257 1997) (Shelved in Course manuals section. For Library use only.)

**Essentials of Anatomy & Physiology** by Frederic H. Martini and Edwin F. Bartholomew. San Francisco:  
Benjamin Cummings. (QP 36 M42 2010)

**Essentials of Anatomy and Physiology** by Valerie C. Scanlon and Tina Sanders. Philadelphia, Pa.:  
F.A. Davis. (QP 34.5 S288 2007)

**Exercise Physiology: Nutrition, Energy, and Human Performance** by William D. McArdle, Frank I.  
Katch, and Victor L. Katch. Baltimore, MD: Lippincott Williams & Wilkins. (QP 301 M375 2010)

**Functional Anatomy and Physiology for Emergency Care in the Streets** by Joshua S. Yamamoto and  
Stephen A. Brada. Boston, Mass.: Little, Brown. (QM 23.2 Y36 1996)

**Fundamentals of Anatomy & Physiology** by Frederick H. Martini and Judi L. Nath. San Francisco:  
Pearson/Benjamin Cummings. (QP 34.5 M278 2009)

**Fundamentals of Anatomy & Physiology** by Donald C. Rizzo. Clifton Park, NY: Delmar Cengage  
Learning. (QP 34.5 R55 2010)

**Grant's Atlas of Anatomy** by Anne M.R. Agur and Arthur F. Dalley II. Baltimore, Md.: Williams &  
Wilkins. (QM 25 A38 2008)

**Handbook of Pathophysiology** by Elizabeth J. Corwin. Philadelphia, PA.: Lippincott Williams & Wilkins.  
(RB 113 C785 2008)

**Human Body.** New York: Dorling Kindersley Publishing, Inc. (QM 25 H847 2001)

**The Human Body: A Three-Dimensional Study** by Jonathan Miller and David Pelham. London: Cape. (QP 38 M5 1983) (Shelved in Reference section. For Library use only.)

**The Human Body in Health & Disease** by Gary A. Thibodeau and Kevin T. Patton. St. Louis, Mo.: Mosby/Elsevier. (QP 34.5 T495 2009)

**The Human Body in Health & Disease** by Frederic H. Martini, Edwin F. Bartholomew, and Kathleen Welch. Upper Saddle River, N.J.: Prentice Hall. (QP 36 M423 2000)

**The Human Body in Health and Illness** by Barbara Herlihy. St. Louis, Mo.: Elsevier W.B. Saunders Co. (QP 34.5 H46 2007)

**Human Physiology and Mechanisms of Disease** by Arthur C. Guyton and John E. Hall. Philadelphia, Pa.: W.B. Saunders. (QP 34.5 G87 1997)

**Human Structure** by C. Roland Leeson and Thomas S. Leeson. St. Louis, Mo.: Mosby. (QM 23.2 L439 1989)

**Introduction to Human Anatomy and Physiology** by Eldra Pearl Solomon. St. Louis, Mo.: Saunders/Elsevier. (QP 34.5 S682 2009)

**Ion Adventure in the Heartland: Exploring the Heart's Ionic-Molecular Microcosm** by Dale Dubin. Tampa, Fla.: Cover Pub. Co. (QP 112.5 E46 D83 2003)

**Laboratory Manual for Structure and Function in Man** by Stanley W. Jacob. Philadelphia: Saunders. (QP 34.5 J30 1982)

**Learning Human Anatomy: A Laboratory Text & Workbook** by Julia F. Guy. Upper Saddle River, N.J.: Pearson Prentice Hall. (QM 34 G88 2009)

**Martini's Atlas of the Human Body** by Frederic H. Martini. San Francisco: Pearson Benjamin Cummings. (QM 25 M286 2009)

**Medical Terminology: A Living Language** by Bonnie F. Fremgen and Suzanne S. Frucht. Upper Saddle River, N.J.: Pearson Prentice Hall. (R 123 F697 2009)

**Medical Terminology with Human Anatomy** by Jane Rice. Upper Saddle River, N.J.: Pearson/Prentice Hall. (R 123 R523 2005)

**Memmler's Structure and Function of the Human Body** by Barbara J. Cohen. Baltimore, MD: Wolters Kluwer Health/Lippincott William & Wilkins. (QP 36 M54 2009)

**Memmler's The Human Body in Health & Disease** by Barbara J. Cohen. Philadelphia, PA: Wolters Kluwer Health/Lippincott William & Wilkins. (QP 34.5 M48 2009)

## **ANATOMY AND PHYSIOLOGY**

- Paramedic: Anatomy & Physiology** by Bob Elling, Kirsten M. Elling, and Mikel A. Rothenberg. Sudbury, Mass.: Jones and Bartlett Publishers. (QM 23.2 E415 2004)
- Pathophysiology: A Self-Instructional Program** by Mary V. Burns. Stamford, Conn.: Appleton & Lange. (RB 113 B87 1998)
- Pathophysiology: An Incredibly Visual! Pocket Guide.** Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins. (RB 113 P38 2010)
- Pathophysiology: Concepts of Altered Health States** by Carol Mattson Porth. Philadelphia, Pa.: Lippincott. (RB 113 P67 2005)
- Pathophysiology for the Health Professions** by Barbara E. Gould. Philadelphia, Pa.: Saunders Elsevier. (RB 113 G64 2006)
- Pathophysiology: Foundations of Disease and Clinical Intervention** by Margie Hansen. Philadelphia, Pa.: W.B. Saunders. (RB 113 H26 1998)
- Pathophysiology of Heart Disease: A Collaborative Project of Medical Students and Faculty** edited by Leonard S. Lilly. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins. (RC 682.9 P255 2007)
- Pathophysiology: The Biologic Basis for Disease in Adults & Children** edited by Kathryn L. McCance and Sue E. Huether. Maryland Heights, Mo.: Mosby Elsevier. (RB 113 M35 2010)
- A Photographic Atlas for the Anatomy and Physiology Laboratory** by Kent M. Van de Graaff, David A. Morton, and John L. Crawley. Englewood, Colo.: Morton Publishing Company. (QP 34.6 G723 2007)
- Physiology and Pathophysiology of the Body Fluids** by Maureen Wimberly Groer. St. Louis: Mosby. (QP 90.5 G76 1981)
- Pocket Anatomica's Body Atlas.** Vancouver: Raincoast Books. (QM 26 P62 2008)
- Respiratory Anatomy and Physiology** by David E. Martin. St. Louis, Mo.: Mosby. (QP 121 M365 1988)
- Respiratory Physiology: The Essentials** by John B. West. Baltimore, Md.: Lippincott Williams & Wilkins. (QP 121 W43 2008)
- Strength Training Anatomy** by Frederic Delavier. Champaign, IL: Human Kinetics. (QM 151 D454 2006)
- Structure and Function in Man** by Stanley W. Jacob. Philadelphia: W.B. Saunders. (QP 34.5 J3 1982)
- Structure & Function of the Body** by Gary A. Thibodeau and Kevin T. Patton. St. Louis, Mo.: Mosby Elsevier. (QP 34.5 T45 2008)

**Student Survival Guide for Anatomy and Physiology: Tips, Techniques and Shortcuts for Learning about the Structure and Function of the Human Body with Style, Ease, and Good Humor** by Kevin T. Patton. St. Louis: Mosby. (QP 34.5 T495 1999)

**Understanding Human Structure and Function** by Valerie C. Scanlon and Tina Sanders. Philadelphia, Pa.: F.A. Davis. (QP 34.5 S29 1997)

**Vander's Human Physiology: The Mechanisms of Body Function** by Eric P. Widmaier, Hershel Raff, and Kevin T. Strang. Boston: McGraw-Hill Higher Education. (QP 34.5 W47 2008)

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**MULTIMEDIA**

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**A.D.A.M. Essentials.** (CD-ROM) Atlanta, Ga.: A.D.A.M. Software, Inc. (QM 25 A324 1994)

A.D.A.M. (Animated Dissection of Anatomy for Medicine) assists users to learn anatomical information, dissection, and other medical information related to the human body.

**A.D.A.M. Interactive Anatomy.** (CD-ROM) Atlanta, Ga.: A.D.A.M. Software, Inc. (QM 25 A325 1997 RESERVES) (RESTRICTED TO IN-HOUSE)

Users have access to over 20,000 anatomical structures in 4 different views. The award-winning digital illustrations are augmented by 3D models, cadaver photographs, pinned anatomical illustrations, Slide Show, built-in curriculum integration and authoring tool.

**Cardiovascular System.** (CD-ROM) Menlo Park, Calif.: Benjamin & Cummings. (QP 102 M275 2000)

Animation, sound, narration and video are used to explain the cardiovascular system of the human body. Topics include: anatomy review of the heart, intrinsic conduction system, cardiac action potential, cardiac cycle, cardiac output, anatomy review of the blood vessel structure, measuring blood pressure, factors that affect blood pressure, blood pressure regulation, and autoregulation and capillary dynamics.

**MedWorks: Anatomy & Physiology.** (CD-ROM) Baltimore, Md.: Williams & Wilkins. (QP 34.5 M438 1996)

This college level course in anatomy and physiology includes 3D color illustrations, text, and over 1,100 exercises.

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**VIDEOS**

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V1873      **Breath of Life** (video, 25 minutes)

Examines the anatomy and physiology of the human respiratory system. Topics include: structures & function of mucous membranes, epiglottis, windpipe, lungs, alveoli (oxygen diffusion to blood), hemoglobin, waste (vapour, carbon dioxide) exhalation, breathing reflex, effect of atmospheric pressure on respiration and oxygen deprivation on brain function, sports kinesiology. (Visual Education Centre) (QP 121 B745 1994)

- V2142      **The Cardiac Patient** (video, 55 minutes)  
This program covers the anatomy and physiology of the heart; management of the acute myocardial infarction; how to use the “Chain of Survival” to reduce the number of deaths related to sudden cardiac death; and, electric shock treatment of the heart. The Hands-on-Training segment is on underwater confined space rescue. (Primedia Workplace Learning) (RC 685 C6 C276 1998)
- V1872      **Glands and Hormones** (video, 25 minutes)  
Examines the anatomy and physiology of the chemical control system of the human body. Topics include: biological clock, jet lag, hypothalamus; pancreas, pituitary, adrenal and thyroid glands; physiological effects of melatonin, cortisol, adrenalin, noradrenalin, testosterone, thyroxine, insulin and glucagon; cell growth and repair hormones. (Visual Education Centre) (QP 186 G524 1994)
- V1874      **The Human Pump** (video, 25 minutes)  
Examines the anatomy and physiology of the human heart and cardiovascular system. Topics include: heart muscle (myocardium), blood & oxygen supply, red cells (hemoglobin), blood vessels (arteries, veins, capillaries), pacemaker cells, valves, ventricles, aorta, role of lungs & kidneys. (Visual Education Centre) (QP 111.4 H846 1994)
- V2994      **Lessons from Beyond: Cadaver Lab** (video, 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)
- V1875      **Respiratory System** (video, 17 minutes)  
Examines the anatomy and physiology of the human respiratory system and the principles, equipment (respirometer) and procedures used to measure pulmonary function. (Simon Fraser University, Centre for Distance Education and the School of Kinesiology) (QP 121 R487 1995)

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