



Memmler's Structure and Function of the Human Body, SC

By Barbara Janson Cohen BA MSED, Kerry L. Hull BSc PhD



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Filled with compelling case studies that connect key content to real-world health care scenarios, **Memmler's Structure and Function of the Human Body, 11th Edition**, provides easy-to-understand, beautifully illustrated coverage of the essentials of normal anatomy and physiology. The first text designed specifically to meet the needs of allied health students, this acclaimed resource has evolved over the years to address changing course requirements and student needs. This edition continues the tradition with a new, more accessible design, a wide range of new study tools, and a robust multimedia electronic ancillary package for both instructors and students.

Throughout the book, anatomic art illustrates concepts with accuracy and simplicity; case studies highlighting anatomy and physiology demonstrate the relevance of the content to a career in the health professions; and hallmark pedagogy blends remediation, reinforcement, and real-world focus to ensure student success.

- **Personalized chapter-by-chapter quizzes powered by prepU** help students learn more and improve their pass rates on exams, while giving instructors a window into their students' progress by pinpointing misconceptions, strengths, and weaknesses.
- **A&P in Action boxes** open each chapter with a scenario that integrates chapter content into a medical setting, bringing the information to life for students.
- **A&P in Action Revisited boxes**, which appear later in the chapter, expand on the opening scenario and encourage students to apply the chapter's concepts to the outcome of each case.
- **A full-body *The Body Visible* transparency insert** assists students in performing a virtual dissection of the human body from skin down to bone and allows them to test themselves on their understanding of skin, muscles, bones, veins/arteries, etc. New associated chapter questions deepen student understanding.
- **New Process Diagrams** ensure student mastery by calling out and illustrating the steps of a complex process, such as negative feedback control for maintaining homeostasis.
- **New Cadaver Photograph-related Questions** help students apply anatomic

knowledge to novel situations.

- **New Casepoints** (in-chapter review questions) link content to the opening case study.
- **New Critical Thinking Questions** that challenge students to apply concepts to the *A&P in Action* case study help them to understand how basic concepts of anatomy and physiology relate to clinical situations.
- **New Misconception Alerts**, marked by an icon, point out common student misconceptions (identified by the prepU adaptive quizzing program) to improve understanding of important ideas.
- **New One Step at a Time features** expand on basic science concepts introduced in the case study or the text by walking students step-by-step through higher level critical thinking activities, such as developing scientific learning and problem-solving skills.
- **Checkpoint questions** throughout each chapter help students review key points.
- **Hot Topics boxes** focus on cutting-edge topics and research, reinforcing the link between anatomy and physiology and everyday life.
- **Clinical Perspectives boxes** focus on diseases and disorders related to the chapter, helping students understand what happens when the normal structure-function relationship breaks down.
- **Health Maintenance boxes** offer useful information on how to keep the body healthy.
- **A Closer Look boxes** provide in-depth scientific detail on selected topics.
- **Zooming In questions** in the figure captions allow students to test their understanding of important visual aspects of the illustration.
- **A Look Back feature** provides a short paragraph highlighting content from prior chapters that will help students understand the current chapter.
- **Learning Objectives** identify the important content to learn in each chapter.
- **A strong conceptual focus** is reflected in more illustrations of basic biologic concepts and more learning diagrams that take students step-by-step through complex processes, such as sensory pathways, cardiac function, and nerve impulse transmission.
- **Ancillary callouts** identify additional resources available online, such as animations, supplementary figures, a quiz bank, and health career information to enhance learning.
- **End-of-chapter study aids** include a summary overview (visual outline), key terms (end-of-chapter list), a word anatomy (medical terminology) activity, and questions for study and review that test recall, comprehension, and critical thinking with a variety of question styles, including fill-in-the-blank, multiple-choice, short-answer, and short essay, as well as questions that require students to apply body process and system knowledge to the chapter-opening case study.

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Steven Campbell:

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John Armstead:

A lot of people always spent their very own free time to vacation or go to the outside with them family or their friend. Did you know? Many a lot of people spent many people free time just watching TV, or playing video games all day long. If you want to try to find a new activity this is look different you can read a book. It is really fun to suit your needs. If you enjoy the book that you simply read you can spent all day long to reading a book. The book Memmler's Structure and Function of the Human Body, SC it is quite good to read. There are a lot of those who recommended this book. We were holding enjoying reading this book. When you did not have enough space to create this book you can buy the actual e-book. You can m0ore effortlessly to read this book from the smart phone. The price is not to fund but this book provides high quality.

Lyla Jackson:

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