Get Ready for a Whole New Human Anatomy Experience

Celebrated author Judi Nath (*Fundamentals of Anatomy & Physiology* and *Visual Anatomy & Physiology*) brings a fresh voice and a clear, engaging writing style to the *Ninth Edition* of *Human Anatomy*. The Ninth Edition continues the Martini legacy of a visually stunning presentation with exceptionally clear photographs, detailed illustrations, and captivating clinical content.

**NEW!** Ready-to-Go Teaching Modules help instructors find the best assets to use before, during, and after class to teach the toughest topics in Human Anatomy. Created by teachers for teachers, these curated sets of teaching tools save you time by highlighting the most effective and engaging animations, videos, quizzing, coaching and active learning activities from MasteringA&P.
Prepare for the Classroom

New Study Tools
Throughout each chapter help students understand and navigate the content.

NEW! Summary Boxes
At the beginning of each section outline the key points from that reading.

KEY POINT
Dermal ridges form friction ridges, ensuring a secure grip on objects. Dermal ridges also form fingerprints, a unique genetic identifier of an individual.

KEY POINT
The position of the wrist affects the functioning of the hand. Many muscles of the forearm, therefore, affect the actions of the wrist because (1) all of the muscles that flex or extend the wrist originate on the humerus, radius, and/or ulna and (2) many muscles that flex or extend the fingers originate on the radius and/or ulna.

TIPS & TOOLS
Remembering the names of the epidermal layers of thick skin
A mnemonic to help you remember the names of the epidermal layers of thick skin, from deep to superficial, is “Brent Spiner gained Lieutenant Commander” (basale, spinosum, granulosum, lucidum, corneum).

NEW! Tips & Tools
Offer advice on how to approach some of the toughest topics.

TIPS & TOOLS
Here is a simple trick to remember the four anterior superficial forearm muscles originating from the medial epicondyle of the humerus. Hold both arms out, palms touching. Then slide your right hand proximally until your palm reaches your elbow with your fingers pointing toward your wrist. With each finger representing one of the four muscles, think PFPP: Pronator teres (index finger), Flexor carpi radialis (middle finger), Palmaris longus (ring finger), and Flexor carpi ulnaris (little finger).
NEW! Clinical Cases help motivate students for their future careers. Each chapter opens with a story-based Clinical Case related to the chapter content and ends with a Clinical Case Wrap-Up.

Clinical Notes appear within every chapter, expand upon topics just discussed, and present diseases and pathologies along with their relationship to normal function.

Clinical Terms end every chapter with a list of relevant clinical terms and definitions.
Continuous Learning
Before, During, and After Class

**Dynamic Study Modules** enable students to study more effectively on their own. With the Dynamic Study Modules mobile app, students can quickly access and learn the concepts they need to be more successful on quizzes and exams.

**NEW!** Instructors can now select which questions to assign to students.

**Bone and Dissection Videos** help students identify bones and learn how to do organ dissections.
Practice Anatomy Lab (PAL™ 3.0) is a virtual anatomy study and practice tool that gives students 24/7 access to the most widely used lab specimens, including the human cadaver, anatomical models, histology, cat, and fetal pig. PAL 3.0 is easy to use and includes built-in audio pronunciations, rotatable bones, and simulated fill-in-the-blank lab practical exams.

Additional assignable MasteringA&P activities include:
- Bone & Dissection Coaching Activities
- A&P Flix Activities for Anatomy Topics
- Spotlight Figure Coaching Activities
- Clinical Case Activities
- PAL Assessments
- Art-Labeling Questions
- And More!
Learning Catalytics is a “bring your own device” (laptop, smartphone, or tablet) engagement, assessment, and classroom intelligence system. Students use their device to respond to open-ended questions and then discuss answers in groups based on their responses.

“My students are so busy and engaged answering Learning Catalytics questions during lecture that they don’t have time for Facebook.”
—Declan De Paor, Old Dominion University
New! The Ninth Edition is available in Pearson's fully-accessible eText 2.0 platform.*

NEW! The eText 2.0 mobile app offers offline access and can be downloaded for most iOS and Android phones and tablets from the iTunes or Google Play stores.

Powerful interactive and customization functions include instructor and student note-taking, highlighting, bookmarking, search, and links to glossary terms.

*The eText 2.0 edition will be live for Fall 2017 classes.
Instructor and Student Support

A complete package of instructor resources includes:

- Customizable PowerPoint slides
- All figures from the book in JPEG format
- A&P Flix 3D movie-quality animations on tough topics
- Test Bank
- And more!

Martini’s Atlas of the Human Body by Frederic H. Martini
The Atlas offers an abundant collection of anatomy photographs, radiology scans, and embryology summaries, helping students visualize structures and become familiar with the types of images seen in a clinical setting. Free when packaged with the textbook.

A&P Applications Manual by Frederic H. Martini and Kathleen Welch
978-0-321-94973-8 / 0-321-94973-0
This manual contains extensive discussions on clinical topics and disorders to help students apply the concepts of anatomy and physiology to daily life and their future health professions. Free when packaged with the textbook.

Get Ready for A&P by Lori K. Garrett
978-0-321-81336-7 / 0-321-81336-7
This book and online component were created to help students be better prepared for their A&P course. Features include pre-tests, guided explanations followed by interactive quizzes and exercises, and end-of-chapter cumulative tests. Also available in the Study Area of MasteringA&P. Free when packaged with the textbook.

Study Card for Martini: Body Systems Overview
A six-panel laminated card showing all body systems and their organs and functions. Free when packaged with the textbook.