The Anatomical Basis Of Dentistry

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Synopsis

Now in full color, The Anatomical Basis of Dentistry helps you master the essentials of gross anatomy! Complete, accurate coverage highlights the regions of the head and neck that are of clinical relevance. Core information provides a foundation of knowledge essential to providing a successful chairside experience for both you and the patient. Using a clear, accessible style, with practical Clinical Notes boxes, this book closely relates the basic science of applied anatomy to the clinical practice of dentistry. A focus on core information specifically highlights the regions of the head and neck along with the abdomen and thorax, serving as a foundation for the other basic sciences and for subsequent clinical courses. Coverage of applied anatomy draws correlations between the basic science of anatomy and clinical practice of dentistry. General Concepts chapter includes anatomical terminology and provides a general description of each body system in preparation for the regional anatomy topics that follow. A regional approach reflects the order in which the regions are commonly taught, by showing structures representing several systems -- which parallels the manner in which structures are encountered in patients. Full-color cadaver dissection photos clearly depict the location of anatomic structures, showing anatomical details impossible to view in clinical examination. Chapters on limbs provide a more complete picture of the body, covering areas that may be possible sites for intravenous and intramuscular injections. Applied Anatomy chapter relates anatomy to the clinical practice of dentistry, covering topics such as the anatomy of local anesthesia, imaging (including intraoral, extraoral, and MRI), fractures of the face, and the spread of dental infection. Clinical Notes boxes relate basic science concepts to actual scenarios that may be encountered in clinical practice. Review questions in multiple-choice format help you assess your understanding and provide good preparation for the NBDE. Full-color photos and drawings clearly demonstrate core concepts and reinforce important principles. New information on the back enhances your understanding of body systems with coverage of the surface features of the back, movements of the spine, and a new Clinical Notes box on back strain. New information on the neck includes the movements of the head and neck, and a new table detailing the muscles responsible for those movements. Added coverage of applied anatomy includes a new section with illustrations of Cone Beam Computed Tomography (CBCT), a new section on Alveolar Ridge Tomography, and more images of the TMJ. An Evolve website includes a 300-question test bank and image collection for instructors and a self-assessment exam for students.

Book Information

Paperback: 528 pages
While this book is a great help to undergraduate dental students, it does fall short in the incredibly specific structural identifications dental gross anatomy classes call for. However, I have seen the next addition which should be coming out soon and it is greatly improved—especially when it comes to bones (and specific structures) of the head. So buy it now if you are taking a gross anatomy course....but if you can afford to wait, then buy it later when the next addition is available.

This book is good, not great, but good. It has lots of great information and very clear schematic diagrams with a focus on the head and neck. It’s a good reference for any dental student to have. This book is NOT an anatomy atlas and shouldn’t be used as one, it is primarily a text, and it’s a nice complement to your atlas. However, the book has a couple of flaws. The book is organized in such a way that makes it very difficult to find the info that you are looking for. There’s lots of great info in the book, it’s just tough to find sometimes. Also, I don’t feel that it gives the reader a good feeling of the 3D arrangement of structures. The book is also lacking some of the details you will need to know in dental school. There were also quite a few factual conflicts between this book and the information presented in my anatomy lectures. I don’t know which was actually correct - the book or the professor. Overall I’m glad I had this book as a reference in dental school.

This text is useful in the teaching of gross anatomy to dental students, since it was written by a dentist who teaches anatomy to dental students. It is not a "complete" text; i.e., it does not go into much depth in parts of the body not directly related to dentistry. Not to say that it isn’t good or accurate, just that if you want an in-depth text covering the entire body, there are better texts out
there. But if you want a good text geared toward the dental student, this one works fine

The text in the book is fantastic, but the pictures aren't as good. I really wish that the graphic artist who worked on this book would have spent more time trying to achieve a realistic representation of anatomical form. This book is great when you supplement its pictures with another atlas like McMinn's.

Our head and neck class required us to get this book and we never even read it...I figure I will keep it for my own reference as anatomy is my favorite subject.

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