Pathologic Basis Of Veterinary Disease, 5e
**Synopsis**

With over 2,000 full-color illustrations, Pathologic Basis of Veterinary Disease, 5th Edition provides complete coverage of both general pathology and pathology of organ systems in one convenient resource. In-depth explanations cover the responses of cells, tissues, and organs to injury and infection. Expert researchers James F. Zachary and M. Donald McGavin keep you up to date with the latest advances in cellular and molecular pathology plus expanded coverage of genetics and disease, incorporating the newest insights into the study of disease mechanisms, genesis, and progression. Already the leading reference for pathology, this edition also includes an enhanced website with images of less common diseases and and guidelines for performing a complete, systematic necropsy. Each chapter is consistently organized, presenting information on structure, function, portals of entry, defense mechanisms, responses to injury, and diseases organized by species. Full-color illustrations, schematics, flow charts, and diagrammatic representations of disease processes make it easier to understand difficult concepts. Discussions of pathologic processes and individual disorders are integrated with the latest established information available. Clear, up-to-date explanations of disease mechanisms describe the cell, tissue, and organ response to injury and infection. Over 20 recognized experts deliver the most relevant information, whether you’re a practitioner, student, or preparing for the American College of Veterinary Pathology board examination. Updated content on cellular and organ system pathology provides the latest on the science of inflammation, cellular injury, molecular carcinogenesis, and pathogenesis. NEW topics include the genetic basis of disease, the monocyte-macrophage system, diseases of the ear, and disorders of ligaments and joints and of the peritoneum. NEW coverage of World Organization for Animal Health (OIE) reportable diseases (“foreign animal diseases”) adds information on microorganisms that have catastrophic impact on livestock health and production. NEW Mechanisms of Microbial Infections chapter adds in-depth coverage of the means by which microbes encounter, colonize, and cause disease in animals in a chronological sequence of events. NEW and updated flow charts, schematic illustrations, and diagrams of disease processes summarize important information and clarify complex concepts. An enhanced companion website includes all the images from the book, plus additional images and schematic illustrations of common diseases; guidelines for performing a complete, systematic necropsy and appropriate sample acquisition for selected organ systems; and a glossary of terms to accompany selected organ systems.

**Book Information**
The 5th edition is here and I'm excited to read it. Pluses: the text is smaller, making the book less heavy. There's an ear section. There are more images. The gen path section has more professional illustrations. The customer service for the online information was excellent. Minuses: there's an ear section ;) More memorization ahead. I was disappointed that the online access advertised in the book is not yet available. I was hoping to get started right away.

A necessary evil for some of us. There are a lot of errors in the book and some of the 'facts' are just plain wrong, so you may spend a lot of time fact-checking it. There is also a lot of conjecture and speculation in the infectious diseases chapter - they could cut it down by 75% if they stuck to what we know - and some important veterinary infectious diseases are missing.

I am a Jubb and Kennedy man myself, however, I find McGavin to be one of the best pathology books. Sometimes it will leave things to be desired since it doesn't go as deep as I would like but it does a great job setting up pathology by introducing the anatomy and physiology of the organ systems the chapter will cover.

I have found that most of the textbooks required in the first two years of veterinary school are quite useless, but this book is actually very helpful, especially for histopath. The images in this book are fantastic and its pretty easy to use. So far its been worth the money!
Kind of a must for veterinary students. The only thing is that when looking up some pathologic processes you have to look in various areas of the book, it’s not all in one place which would be more convenient. There are also some questions that the book doesn’t answer in a few cases did this book not go into enough detail as I would have liked. Does a good job explaining most areas of normal physiology and pathology and includes pictures and diagrams which help since I am a visual learner. Like I said kind of a must but definitely don’t have this be your only resource for pathology.

Great details of pathological process of diseases. I wish I had gotten this when my clinical year started. It makes writing SOAPs a breeze and gives plenty of details for many large and small animal diseases.

The book was very helpful for class. It fills in the spots that were missed during classes. Goes into depth with everything that is needed to be known in veterinary pathology. Great book for reference.

Amazing book with great photos! I am a current veterinary student in systemic pathology and this book is super helpful. Helps explain the small details that our professors don’t speak about in class. The only problem is how heavy it is, so I have to always just leave it at home.

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