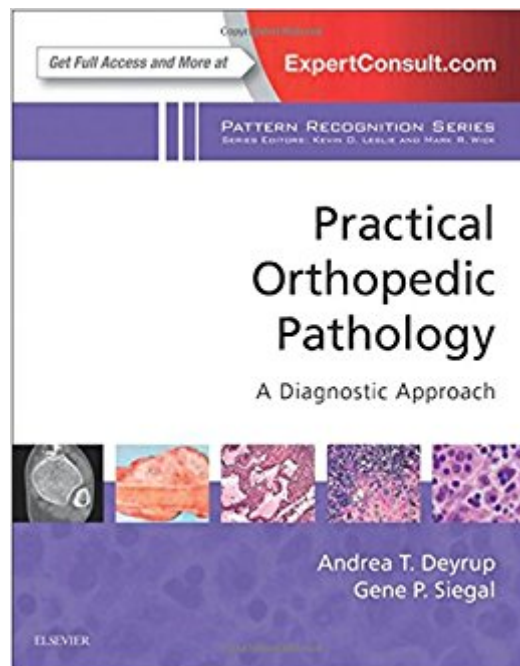




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# Practical Orthopedic Pathology: A Diagnostic Approach: A Volume In The Pattern Recognition Series, 1e



## Synopsis

Apply a systematic pattern recognition approach to achieve more accurate diagnoses of both neoplastic and non-neoplastic diseases of the musculoskeletal system. Andrea Deyrup, MD, PhD and Gene P. Siegal, MD, PhD use a practical, pattern-based organization that helps you efficiently and confidently evaluate even the most challenging histologic specimens. Compare specimens to commonly seen patterns, categorize them accordingly, and turn directly to in-depth diagnostic guidance using the unique, pattern-based Visual Index at the beginning of the book. Includes guidance on both pathologic and radiologic diagnostic patterns. Assess key pathologic and clinical aspects of neoplastic and non-neoplastic conditions with 800 high-quality, full-color images that help you evaluate and interpret both common and rare diseases. Find complete coverage of the musculoskeletal system from Normal Bone Anatomy through discussions of all major classifications of disease, both neoplastic and non-neoplastic. Progress logically from the histologic pattern, through the appropriate workup, around the pitfalls, and to the best diagnosis. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices.

## Book Information

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## Customer Reviews

"Practical Orthopedic Pathology uses a practical, pattern-based organization that helps clinicians confidently evaluate even the most challenging histologic specimens. The extraordinary illustrations

represent the entire panoply of pathologic conditions, many of them only rarely seen." Reviewed by SirReadaLot.org, July 2015, Issue #195 "This is an excellent book and will probably be the first resource that many pathologists and residents reach for when encountering a bone biopsy while at the microscope...this book is highly recommended for all practicing pathologists, residents, and general hospital libraries." Reviewed by Kyle D. Perry, MD (University of Manitoba College of Medicine) Doody Score: 99 "5 Stars!" "This is an authoritative, amply illustrated book on orthopedic pathology, using the pattern recognition approach, which looks at the radiology and histopathology of the condition or disease in question, as well as the various diagnostic considerations." Reviewed by Nano Khilnani, BizIndia.net

I still find bone pathology challenging, usually much more challenging than soft tissue pathology for a variety of reasons. The biopsies are often very small and fragmented, many of the tumors look alike, correlation with radiographs is essential, and there are so many non-neoplastic processes that are relatively subtle histologically. Even as a bone and soft tissue pathologist, I still find myself pulling out my textbooks several times per week when working up bone biopsies in my practice. Thus I need practical bone pathology textbooks with lots of high quality figures, a pattern based approach to diagnosis, and pragmatic advice on how to sort out difficult differential diagnoses. Practical Orthopedic Pathology is just such a book. Co-authors Andrea Deyrup (a former Sharon Weiss trainee like myself) and Gene Siegal (a distinguished bone pathologist at University of Alabama Birmingham) have created a fantastic comprehensive guide to the world of bone pathology. This book provides solid in depth coverage of the basics of normal bone anatomy, physiology, and radiology. I learned a plethora of fascinating factoids about how bone forms and why it looks as it does microscopically just from reading a few pages of the Normal Bone Anatomy chapter. I was also impressed by the very useful tips on proper histologic techniques for processing and cutting bone biopsy specimens. Radiology basics are also thoroughly reviewed in a practical manner accessible to the general pathologist. Discussion of imaging is tied back to the underlying pathology and there are tips for avoiding pitfalls. The heart of the book is a comprehensive text that covers the breadth of bone pathology. Rather than dividing the main text of the book into chapters based on specific entity names (e.g. osteosarcoma, giant cell tumor, fibrous dysplasia), this book is organized into sections based on the major histologic pattern coupled with the radiographic pattern. Examples include: "Lesions characterized by osteoid deposition and non-aggressive radiology", "Lesions characterized by cartilage deposition and aggressive radiology", "Lesions

characterized by large numbers of giant cells replacing trabecular bone, etc. Specific entities are then discussed within those pattern-based sections. Useful tables discussing each of these patterns, the entities included in each pattern group, and pertinent histologic and radiographic mimics, are laid out at the very beginning of the book. It is a brilliant, practical approach to organizing a bone pathology textbook. One may not know the name of the entity just by looking at the slide, but if there are numerous giant cells replacing the trabecular bone, then it is clear which chapter is appropriate. Finally, and perhaps most importantly, the entire book is richly illustrated with beautiful high-quality color images of gross and microscopic pathology, as well as numerous black and white radiographic images. Online access to the entire textbook and all images via ExpertConsult.com is provided for free with purchase of the book.

**Summary:** Practical Orthopedic Pathology is an outstanding addition to the Pattern Recognition series of pathology textbooks. I am very happy to own this book. The outstanding features discussed above have earned it a coveted place in the small stack of books I use most often in practice and keep within arm's reach of my microscope.

**Jerad M. Gardner, MD**  
Assistant Professor of Pathology and Dermatology  
Dermatopathology, Bone & Soft Tissue Pathology Program Director, Dermatopathology Fellowship  
University of Arkansas for Medical Sciences  
Reviewed on 11 May 2015

Great bone pathology book for the practicing pathologist! This is an outstanding text organized around basic patterns in bone pathology and radiology. There is abundant radiographic correlation and the text is generously illustrated with high quality images. Mostly focused on neoplastic bone pathology and mimics, but there are chapters on degenerative joint disease and crystal arthropathies also.

This is a well organized, beautifully illustrated and thoughtfully written book for pathologists of all experience levels. This primarily pattern based book correlates the histopathologic findings with the radiology in a concise and relevant manner. A MUST HAVE for anyone learning or exposed to orthopedic pathology.

Another great addition to the "Pattern Recognition Series" - a helpful way for trainees and practicing pathologists alike to gather differential diagnoses of challenging lesions. One benefit of this book is it's inclusion of both benign and malignant lesions as well as non-neoplastic diseases; Also emphasizes the importance or correlation with radiology. A good resource.

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