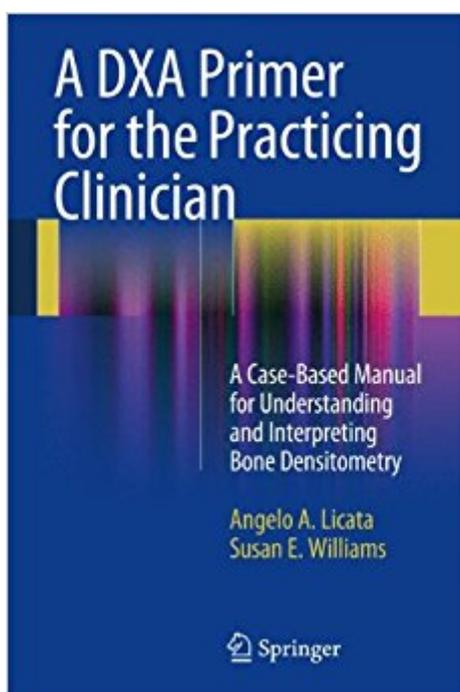


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# A DXA Primer For The Practicing Clinician: A Case-Based Manual For Understanding And Interpreting Bone Densitometry



## Synopsis

Despite public perception, osteoporosis remains a widespread, devastating disease, and a very serious and costly public health threat. Early detection and treatment must be a priority for primary health care providers. Dual-energy X-ray absorptiometry (DXA) is the principal x-ray technology used to diagnose osteoporosis in its early, asymptomatic stages, to assess treatment efficacy, and to guide treatment decisions. It remains the gold standard today. A DXA Primer for the Practicing Clinician: A Case-Based Manual for Understanding and Interpreting Bone Densitometry is developed around real cases of patients' DXA measurements. The content is derived from presentations given by the authors at a national society training course and exemplifies not only the complete body of education provided through these lectures but the full range of previously undiscussed nuances as well. This practical, easy-to-read title provides the day to day problems of DXA usage that new users may encounter and that training courses do not have time to provide in detail. The central focus of the book is the presentation of what is normal and what is problematic in the use of DXA, depicting various scenarios with real case histories of patients, their corresponding DXA images and the data that explain the problems. Unique in approach and presentation, this case-based manual will be of immense value to all practitioners -- and students -- interested in providing optimal diagnosis and treatment of osteoporosis.

## Book Information

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## Customer Reviews

From the reviews: "This book details the practical aspects of requesting and interpreting the

results of the bone densitometry test. | This is a valuable book for clinicians who order this test, patients who are being referred for the examination, and administrators who fund the studies, because it has a relatively high value clinically although misunderstood. This book should be in every training program library. (Vincent F. Carr, Doody's Book Reviews, March, 2014)

Dual-energy X-ray absorptiometry (DXA) is the principal x-ray technology used to diagnose osteoporosis in its early, asymptomatic stages, to assess treatment efficacy, and to guide treatment decisions. It remains the gold standard today. *A DXA Primer for the Practicing Clinician: A Case-Based Manual for Understanding and Interpreting Bone Densitometry* is based on actual clinical encounters and treatment dilemmas encountered by the authors. The content is derived from years of clinical practice and presentations given by the authors at regional and national conferences. It exemplifies not only the complete body of knowledge provided through these lectures but also the full range of previously undiscussed nuances of DXA interpretation. This practical, easy-to-read text captures many of the common challenges of DXA interpretation that clinicians often encounter. The central focus of the book is the presentation of what is normal and what is problematic when using DXA. It presents real-life case histories, their corresponding DXA images, the problems encountered and their solutions. Unique in approach and presentation, this one-of-a-kind case-based manual will be of immense value to all clinicians and students motivated to optimize their diagnostic skills and assessment of patients with abnormal bone densities

I passed my CCD test by reading this book, *ISCD DXA Resource Materials* (formally known as *CCD Study Guide*) by the Authors, ISCD Education Council with multiple references, and going over some of their lectures. This book is very user friendly and easy to understand. It's not dense at all (no pun intended), and is a very quick read. In depth enough for a general doctor or endocrinologist to read, but probably too simple for a radiologist.

This is a nice addition to the DXA literature. There is a scarcity of DXA textbooks, and most of the existing ones are either too simplistic or overly dry and academic. This book uses real cases to teach the basics of DXA interpretation. I've always wondered why no one has ever published a "how to" on DXA that incorporates the same kind of information that is taught at the ISCD courses (a textbook would be considerably less expensive). I'm subtracting one star due to an important error

on page 6 where the T-score range for low bone mass (osteopenia) is given as -2.5 to -1.5 when it should be -2.5 to -1.0. The book is also somewhat expensive given that it is about 150 pages long, but this is probably due to the numerous DXA scan images as well as photos.

Clear, concise, with complex concepts clearly explained. Contains many excellent case illustrations with images, from normal findings to 'zebras'. Appreciate the no-nonsense and not-bogged-down-in-technicalities approach.

Perfect bone density book. Straightforward and practical.

Good book, great information. Well written, way to follow.

Good but not detailed enough.

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