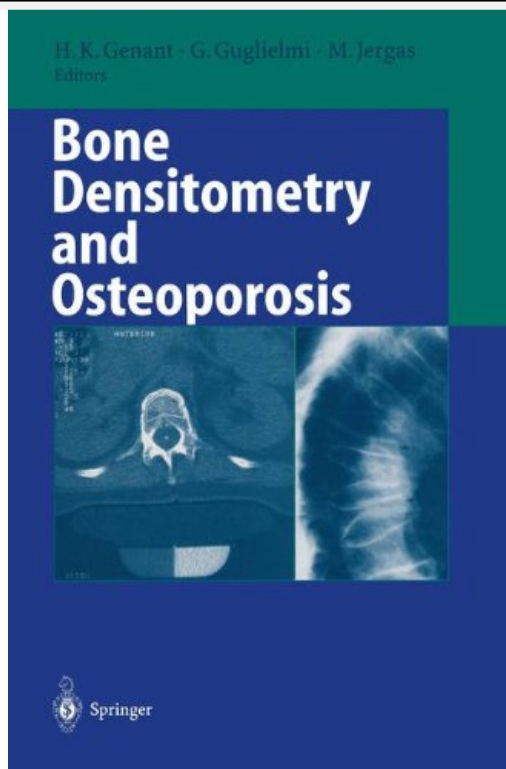

Best PDF Bone Densitometry and Osteoporosis - Online



Book detail

- Title : Best PDF Bone Densitometry and Osteoporosis - Online
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Book Synopsis

The diagnosis of osteoporosis and the determination of fracture risk has always been a challenge for radiologists, epidemiologists, and clinicians as well as other researchers and health care professionals working in the field. It is bone mineral density that is closely related to bone fragility, and the advent of techniques to quantitatively assess bone density has been welcomed. It has reduced the subjectivity inherent to conventional radiologic assessment of osteoporosis. The ongoing technical process has made various techniques to assess bone density widely available. However, these measurement techniques have also incurred some criticism because bone densitometry has sometimes been applied without specific indications and without appropriate clinical ramifications. The purpose of this text is to provide a perspective on the current status of bone densitometry and its relevance to osteoporosis diagnosis and management. Therefore, this book will give the reader an introduction to the nature of osteoporosis, its pathophysiology and epidemiology, and the clinical consequences of performing bone densitometry. Aside from standard bone densitometry, newer technologies such as quantitative ultrasound techniques, magnetic resonance imaging and bone structure analysis are discussed in the context of diagnosing osteoporosis.
