You can reduce the risk of your patients suffering an osteoporosis-related fracture.

Osteoporosis is a highly prevalent, treatable disease, but it is currently incurable. Successful early diagnosis can lead to effective treatment strategies that reduce the risk of a patient’s life being compromised by serious fracture injury.

In *Osteoporosis*, Dr Dale Stovall has assembled world-leading experts who guide you through modern best-practice approaches to:

- Diagnosis of osteoporosis
- Risk assessment for fractures
- Use of calcium and vitamin D
- Medical therapy and follow up
- Future approaches to treatment

*Osteoporosis* empowers you to identify and treat your patients with osteoporosis and low bone mass, preventing subsequent fractures and improving their quality of life.

**Table of Contents**

List of Contributors, vii

Preface, ix

1 Epidemiology and Genetics of Postmenopausal Osteoporosis, 1
*Mark Edwards, Rebecca Moon, Nick Harvey & Cyrus Cooper*

2 Osteoporosis in Men, 15
*Robert A. Adler*
3 Mechanisms of Bone Remodeling, 31
Maziar Shabestari & Erik Fink Eriksen

4 Fracture Risk Assessment, 46
Ronald C. Hamdy

5 Secondary Causes of Osteoporosis: Bone Diseases, 62
Peter R. Ebeling

6 Glucocorticoid-induced Osteoporosis, 79
Stuart Silverman & Swamy Venuturupalli

7 Secondary Causes of Osteoporosis: Other Medications, 93
Diane M. Biskobing

8 Hormone Therapy for Osteoporosis, 108
Pilar Valenzuela Mazo & James A. Simon

9 Bisphosphonates, 123
Paul D. Miller & Nelson B. Watts

10 Denosumab, 144
Michael A. Bolognese

11 Parathyroid Hormone: Anabolic Treatment of Osteoporosis, 158
Erik Fink Eriksen

12 Optimum Calcium and Vitamin D for the Prevention and Treatment of Osteoporosis, 178
Michael F. Holick

13 The Use of Combination Therapy in the Treatment of Postmenopausal Osteoporosis, 201
Juliet Compston

14 Emerging Therapies, 211
Michael R. McClung & Cristiano A. F. Zerbini

15 Monitoring Therapy for Osteoporosis, 227
E. Michael Lewiecki

16 Persistence and Compliance with Medications to Prevent Fractures: Epidemiology, Etiology, and Management Issues, 239
John T. Schousboe

Appendix: A Clinician’s Approach to the Patient, 263

Robert Lindsay