Contents

Section I: INTRODUCTION

1. Introduction to Low Backache 3

- *How is Backache Different from other Diseases? 3*
- *What is the Best Way to Deal with Back Pain 5*
- *Design of Your Back 6*
- *Functions of Your Spine 15*
- *Everything You Need to know about Human Posture 18*
- *Your Life Day in and Day Out 19*
- *Also Consider other Factors Burdening Your Kpine 20*
- *Welcome to the World of Backaches 20*
- *Low Backache 21*

Section II: UNCOMMON BACKACHE

2. Uncommon Causes for Low Backaches.....27

- *Low Backache due to Reasons Related to Your Spine 27*
- *Low Backache due to Reasons Unrelated to Your Spine 30*
- *Presentation in other Uncommon Causes of Low Backache 31*
- *Presentations in Uncommon Causes of Back Pain (A Quick Recap) 32*

3. Spina Bifida (Occulta and Manifesta) 34

- *Spina Bifida Occulta 34*
- *Spina Bifida Aperta of Manifesta 35*
- *Relevant History 37*
- *Relevant Clinical Findings 37*
- *Investigations 42*
- *Treatment in a Nutshell 44*

4. Ankylosing Spondylitis..... 45

- *Relevant History 46*
- *Clinical Findings 46*
- *Extra-articular Features 46*
- *Treatment in a Nutshell 48*

5. Scoliosis 50

- *Relevant History 52*
- *Relevant Clinical Findings 52*

- *Relevant Investigations 60*
- *Treatment in a Nutshell 3 0's 60*

6. Osteoporosis 61
- *Causes 61*
- *Clinical Features 62*
- *Investigations 63*
- *Management of Osteoporosis 64*
- *Anti-fall Measures in Osteoporosis 67*

7. Spondylolisthesis 69
- *Relevant History 71*
- *Relevant Clinical Findings 72*
- *Relevant Investigations 74*
- *Treatment in a Nutshell 74*
- *Differential Diagnosis 75*

8. Seronegative Spondyloarthropathies 76
- *Introduction 76*
- *Etiology 76*
- *Signs and Symptoms 77*
- *Diagnosis 77*
- *Treatment 79*

9. Lumbar Spondylosis and Lumbar Canal Stenosis ...80

Lumbar Spondylosis 80
- *Risk factors 80*
- *Diagnosis 81*
- *Treatment 81*
- *Relevant Investigations 82*

Lumbar Canal Stenosis 84
- *Definition 84*
- *Classification 84*
- *Relevant History 86*
- *Relevant Clinical Findings 86*
- *Relevant Investigations 87*
- *Differential Diagnosis 87*
- *Treatment in a Nutshell 87*

10. Old Thoracic and Thoracolumbar Injuries 88
- *Relevant History 90*
- *Relevant Clinical Findings 90*

Cauda Equina Syndrome 94
- *Relevant History 96*
- *Investigations 96*
- *Treatment in a Nutshell 96*

11. Tuberculosis Spine 97

Sites of Involvement within the Vertebra 97

Section III: COMMON BACKACHE

12. Intervertebral Disk Prolapse 109

- *Disk Physiology 109*
- *Natural History of Lumbar Disk Disease 111*
- *Etiology of Disk Herniation 111*
- *Definitive Causes 113*
- *Relevant History 113*
- *Relevant Findings 119*
- *Differential Diagnosis 123*
- *Relevant Investigations 123*
- *Treatment in a Nutshell 123*

13. Common Causes for Low Backache 124

- *Sudden Insults to your Back 124*
- *Gradual Insults to your Back 127*
- *Summary of the Reasons for Common Low Backache 135*
- *Features of Common LBA 138*
- *Differential Diagnosis of Common Low Back Pain 140*
- *Slipped Disk 141*
- *Various Investigations in Low Backache 142*
- *Treatment Options 144*
- *You as your Doctor 149*
- *Exercise your Backache Away 167*
- *Exercises Recommended for the Back 169*
- *Yoga 175*
- *Other Useful Measures to Counter Low Backache 177*
- *Do these and Backache will Visit you Less Often 177*
- *Treatment Measures you can Safely Practice 179*
- *Self-Treatment Methods you can Safely Practice 182*
- *When to see a Doctor? 182*
- *Backache in Special Situations 183*
- *School Bag Syndrome 188*
- *Repetitive Stress Injury (RSI) 190*

Index..... 191