Contents

1. Cervical Spondylosis Introduction 1
2. Clinical Anatomy of Cervical Spine 3
3. Applied Anatomy of Cervical Spine 16
4. Cervical Spinal Cord Syndromes 21
5. Age Related Changes in the Cervical Spine 30
6. Clinical Biomechanics of Cervical Spondylosis 37
7. Genetic Susceptibility of Cervical Spondylosis 49
8. Pathology of Cervical Spondylosis 53
9. Cervical Spondylosis in the Elderly 82
10. Symptomatology of Cervical Spondylosis. 88
11. Radiology in Cervical Spondylosis. 102
12. Electrophysiology in Cervical Spondylosis. 117
13. Neurological Differential Diagnosis 120
14. Conservative Management of Cervical Spondylosis 130
15. Cervical Traction 142
16. Braces for Spondylotic Cervical Spine 147
17. Development of Cervical Spine Surgery 155
18. Anterior Surgical Approaches to Cervical Spondylosis 172
19. The Central Corpectomy (Median or Partial, Corpectomy) 196
20. Outcome in Patients with Cervical Radiculopathy Treated by Anterior Cervical Fusion 212
21. Laminectomy for Cervical Spondylosis 220
22. Cervical Laminoplasty 228
23. Posterior Cervical Stabilization with Lateral Mass Plate and Screws—A Technique 240
24. Cages, Implants and Plates for Anterior Cervical Fusion 246
25. To Fuse or not to Fuse 267

26. Management of Cervical Spondylotic Myelopathy: Surgical Options **273**

27. Management of Cervical Spondylotic Myelopathy: A Thought **294**

28. Prediction of Prognosis in Cervical Spondylotic Myelopathy **298**

29. Acute Central Spinal Cord Syndrome **303**

30. Whiplash Injury and Cervical Spondylosis **309**

31. Neurological Deterioration after Surgery in Cervical Spondylosis **313**

32. Complications of Cervical Spondylotic Surgery **319**

33. Modern Trends in Cervical Spondylotic Surgery (Functional Spinal Surgery) **339**

Epilogue *345*

Index *347*