

Contents

Preface by <i>Rick Hansen</i>	ix
List of Contributors.....	xi
1 Introduction	
<i>E.M.R. Critchley and A.A. Eisen</i>	1
2 Anatomical Basis of Spinal Cord Function	
<i>T.J. Zwimpfer and J.D. Steeves</i>	11
3 Prospects for Spinal Cord Repair after Injury	
<i>J.D. Steeves and T.J. Zwimpfer</i>	21
4 Spinal Modulation of Noxious Stimuli	
<i>E.M.R. Critchley and M.T. Isaac</i>	33
5 Spasticity	
<i>G.R. Critchley</i>	47
6 Hazards of Spinal/Lumbar Puncture	
<i>J.P.R. Dick</i>	53
7 Neuropathology	
<i>D.I. Graham</i>	61
8 Embryology and Paediatric Aspects of Spinal Disorders	
<i>A. Hill</i>	97
9 Imaging of the Spine and Spinal Cord	
<i>J.S. Lapointe</i>	117
10 Clinical Features of Spinal Compression	
<i>N.T. Gurusinghe</i>	145
11 Electrophysiological Investigation of Disorders of the Spinal Cord	
<i>A.A. Eisen</i>	175
12 Radiculopathy due to Diseases other than Disc Disease	
<i>A.A. Eisen</i>	203
13 Autonomic Dysfunction in Spinal Cord Disease	
<i>R.D. Fealey</i>	219

14 Trauma to the Cervical Spine	
<i>J.R. Johnson</i>	229
15 Disc and Degenerative Disease: Stenosis, Spondylosis and Subluxation	
<i>C.H.G. Davis</i>	251
16 Craniocervical Anomalies and Non-traumatic Syringomyelia	
<i>R.A. Metcalfe and R.A. Johnston</i>	275
17 Rheumatoid Arthritis of the Cervical Spine	
<i>M. Dvorak and R.W. McGraw</i>	297
18 Meningitic Disorders and Myelopathies	
<i>E.M.R. Critchley</i>	317
19 Myelopathies in HIV Infection	
<i>R. Guiloff</i>	339
20 Disorders of the Anterior Horn Cell	
<i>J.D. Mitchell</i>	347
21 Tropical Diseases of the Spinal Cord	
<i>K. Rajamani and C. Savant</i>	367
22 The Conus Medullaris and Sphincter Control	
<i>M. Swash</i>	403
23 Psychosexual and Psychosocial Aspects of Spinal Cord Disease	
<i>M.T. Isaac</i>	415
24 Spinal Vascular Disease	
<i>M.J. Aminoff</i>	423
25 Decompression Illnesses and the Spinal Cord	
<i>R.R. Pearson</i>	443
26 Inherited Diseases of the Spinal Cord	
<i>L.A. Bindoff and R.A. Shakir</i>	461
27. Deficiency Diseases of the Spinal Cord	
<i>R.A. Shakir and L.A. Bindoff</i>	477
28. Vertebral Body Collapse	
<i>J.P.R. Dick</i>	485
29 Spinal Epidural Abscess	
<i>J.P.R. Dick</i>	495
30 Spinal Tumours	
<i>N.T. Gurusinghe</i>	501

Contents	vii
31 Trauma and Paraplegia	
<i>T.T. Lee and B.A. Green</i>	545
32 SCI Rehabilitation: Concepts, Mobility, Functional Electrical Stimulation, Spasticity	
<i>R.J. Weber and R.C. Davis</i>	585
Index	601