

Surgical Disorders of the Peripheral Nerves

Sir Herbert Seddon



Churchill Livingstone

Contents

CHAPTER	PAGE
Preface	vii
1 The Structure of a Peripheral Nerve	1
2 Degeneration and Regeneration	9
3 Clinical Phenomena: Methods of Examination	32
4 Electrical Phenomena: Methods of Examination	57
5 Common Causes of Nerve Injury: Open Wounds, Traction, Skeletal Damage	68
6 Neurovascular Injuries	89
7 Compression Lesions of Nerves	112
8 Miscellaneous Nerve Injuries	130
9 Nerve Injuries causing Pain	139
10 Nerve Tumours	153
11 Lesions of Individual Nerves: Upper Limb	171
12 Lesions of Individual Nerves: Lower Limb	213
13 Forms of Treatment Required Apart from Repair of the Nerve	229
14 Factors influencing Indications for Operation	240
15 Operative Treatment: Exploration, Suture, Neurolysis	248
16 Repair of Large Gaps in Nerves	285
17 Results of Repair of Nerves	299
References	311
Author Index	323
Subject Index	327