

Contents

| | |
|--|------|
| Contributors | ix |
| Series preface | xiii |
| Introduction to Clinical Pain Management: Chronic Pain | xv |
| How to use this book | xvii |
| Abbreviations | xix |

| | |
|--------------------------------------|----------|
| PART I GENERAL CONSIDERATIONS | 1 |
|--------------------------------------|----------|

| | | |
|----|--|-----|
| 1 | Applied physiology: neuropathic pain <i>Victoria CJ Wallace and Andrew SC Rice</i> | 3 |
| 2 | Applied physiology: persistent musculoskeletal pain <i>Hans-Georg Schaible</i> | 24 |
| 3 | Applied physiology: persistent visceral pain <i>Timothy J Ness</i> | 37 |
| 4 | Genetics of chronic pain: crucial concepts in genetics and research tools to understand the molecular biology of pain and analgesia <i>Bradley E Aouizerat and Christine A Miaskowski</i> | 48 |
| 5 | Epidemiology of chronic pain: classical to molecular approaches to understanding the epidemiology of pain <i>Cielito Reyes-Gibby, Isabel Torres-Vigil, and Roy Croock</i> | 65 |
| 6 | The economics of chronic pain <i>Ceri J Phillips</i> | 75 |
| 7 | The challenges of pain and suffering <i>David B Morris and Peter R Wilson</i> | 86 |
| 8 | Pain in society: ethical and legal perspectives <i>Ben A Rich</i> | 99 |
| 9 | Chronic pain, impairment, and disability <i>Robert J Gatchel and Nancy D Kishino</i> | 115 |
| 10 | The psychological assessment of pain in patients with chronic pain <i>Allen H Lebovits</i> | 122 |
| 11 | Assessment of the patient with neuropathic pain <i>Hanne Gottrup and Troels S Jensen</i> | 132 |
| 12 | Diagnostic procedures in chronic pain <i>Nikolai Bogduk</i> | 145 |
| 13 | Psychological effects of chronic pain: an overview <i>Lance M McCracken</i> | 169 |
| 14 | Outcome measurement in chronic pain <i>Tim Johnson</i> | 178 |

| | |
|--|------------|
| PART II MANAGEMENT – THERAPIES | 191 |
| 15 The use of NSAIDs and paracetamol (acetaminophen) in chronic pain <i>John Hughes and K Riaz Khan</i> | 193 |
| 16 Opioids and chronic noncancer pain <i>C Roger Goucke and Eric J Visser</i> | 207 |
| 17 Topical analgesics for neuropathic pain <i>Charles E Argoff and K Riaz Khan</i> | 230 |
| 18 Chronic pain and depression <i>W Michael Hooten</i> | 241 |
| 19 Antiepileptic and antiarrhythmic agents <i>Turo J Nurmikko</i> | 254 |
| 20 Neurostimulation techniques <i>Marc A Huntoon</i> | 268 |
| 21 Spinal administration <i>Kate Grady and Jon Raphael</i> | 284 |
| 22 Cognitive-behavior therapy for chronic pain in adults <i>Stephen Morley and Christopher Eccleston</i> | 292 |
| 23 Evaluation of complementary and alternative therapies <i>Miles J Belgrade and Cassandra D Schamber</i> | 303 |
| | |
| PART III MANAGEMENT – CLINICAL SITUATIONS | 321 |
| 24 Pain in neurological disease <i>Paul R Nandi</i> | 323 |
| 25 Peripheral neuropathies <i>Ravikiran Shenoy, Katherine Roberts, and Praveen Anand</i> | 335 |
| 26 HIV and AIDS <i>Sarah Cox and Andrew SC Rice</i> | 352 |
| 27 Complex regional pain syndromes <i>Peter R Wilson</i> | 362 |
| 28 Central neuropathic pain: syndromes, pathophysiology, and treatments <i>James C Watson</i> | 374 |
| 29 Spinal cord injury <i>Philip J Siddall and Paul J Wrigley</i> | 388 |
| 30 Chronic pain after surgery <i>William Macrae and Julie Bruce</i> | 405 |
| 31 Postamputation pain <i>Lone Nikolajsen and Signe Koch</i> | 414 |
| 32 Herpes zoster pain including shingles and postherpetic neuralgia <i>Robert W Johnson</i> | 429 |
| 33 Management of painful spasticity <i>Barry Rawicki</i> | 440 |
| 34 Headache <i>Peer Tfelt-Hansen and Rigmor Jensen</i> | 450 |
| 35 Facial pain <i>Peter Svensson and Lene Baad-Hansen</i> | 467 |
| 36 Neck pain and whiplash <i>Nikolai Bogduk</i> | 484 |
| 37 Chronic back pain <i>Randy A Shelerud</i> | 501 |

| | | |
|----|--|------------|
| 38 | Chronic joint pain <i>Tanya Baqai, Ali Jawad, and Bruce Kidd</i> | 518 |
| 39 | Therapies for chronic chest pain <i>Ivan N Ramos-Galvez and Glyn R Towleron</i> | 537 |
| 40 | Chronic abdominal, groin, and perineal pain of visceral origin <i>Timothy J Ness</i> | 549 |
| 41 | Chronic pelvic pain <i>Andrea J Rapkin and Monica Lee</i> | 570 |
| 42 | Fibromyalgia and myofascial pain: mechanisms to management <i>Serena F Carville and Ernest H Choy</i> | 599 |
| 43 | Psychiatric diagnosis and chronic pain <i>Stephen P Tyrer</i> | 614 |
| 44 | Chronic pain in children <i>Navil F Sethna, Alyssa Lebel, and Lisa Scharff</i> | 623 |
| 45 | Principles of chronic pain therapy in elderly patients <i>John Hughes and Chris Dodds</i> | 641 |
| 46 | Pain management and substance misuse <i>Cathy Stannard</i> | 652 |
| | Index | 661 |

Please note: The table of contents and a combined index for all four volumes in the series can be found on the Clinical Pain Management website at: www.clinicalpainmanagement.co.uk.

