

# Contents



<i>Foreword by Angela and John Hicks</i>	<i>vii</i>
<i>Foreword by Zang-Hee Cho</i>	<i>viii</i>
<i>Preface</i>	<i>ix</i>
<i>Endorsements</i>	<i>x</i>
<i>Contributors</i>	<i>xv</i>
<i>Acknowledgements</i>	<i>xvii</i>
<i>List of abbreviations and icons</i>	<i>xix</i>
PART 1. INITIAL ORIENTATION	1
INTRODUCTION TO PART 1	1
CHAPTER 1 <b>Introduction</b>	<b>3</b>
CHAPTER 2 <b>Electroacupuncture East and West: the historical context</b>	<b>7</b>
PART 2. SCIENTIFIC AND CLINICAL FOUNDATIONS	21
INTRODUCTION TO PART 2	22
CHAPTER 3 <b>Electromagnetism and vibration: concepts and terminology</b>	<b>27</b>
CHAPTER 4 <b>Electroacupuncture in context: the effects of electrotherapy</b>	<b>39</b>
CHAPTER 5 <b>Neurophysiology, acupoints and meridians: Western and Eastern perspectives</b>	<b>47</b>
CHAPTER 6 <b>How electroacupuncture works I. Observations from experimental and animal studies</b>	<b>59</b>
CHAPTER 7 <b>How electroacupuncture works II. Gathering the threads – from observations to mechanisms and models</b>	<b>77</b>
CHAPTER 8 <b>Does electroacupuncture work? Evaluating the controlled trials</b> <i>Adrian White</i>	<b>81</b>
CHAPTER 9 <b>Acupuncture in clinical practice: an overview</b>	<b>93</b>
9.1 <b>Psychological and nervous conditions</b>	<b>93</b>
9.2 <b>Stroke and cerebrovascular disease</b> <i>John L Stump, with David F Mayor and a contribution by Pekka J Pöntinen</i>	<b>102</b>

9.3	Peripheral motor disorders, the immune system and the endocrine system with contributions by <i>Steven KH Aung, J Gordon Gadsby</i> and <i>Lynnae Schwartz</i>	114
9.4	Disorders of the skin and hair, eye and ear, nose, throat and mouth with contributions by <i>Goto Kamiya</i> and <i>Ron Sharp</i>	129
9.5	Obstetrics, gynaecology and the breast with a contribution by <i>Sarah Budd</i>	145
9.6	The cardiovascular system	156
9.7	The respiratory system <i>Josephine Cerqua</i> and <i>David F Mayor</i>	168
9.8	The gastrointestinal system, liver, gall bladder and pancreas <i>David F Mayor</i> and <i>Lyndsey A Taylor</i>	173
9.9	The genitourinary tract <i>Josephine Cerqua</i> and <i>David F Mayor</i>	182
9.10	Pain and its treatment with a contribution by <i>Mike Cummings</i>	191
9.11	Neurogenic pain – head and facial pain – neck pain with contributions by <i>Jennifer Chu, Stuart Ferraris,</i> <i>Maureen Lovesey, Juliette Lowe</i> and <i>Ron Sharp</i>	205
9.12	Musculoskeletal conditions: an integrated approach <i>Pekka J Pöntinen</i> , with a contribution by <i>Steven KH Aung</i>	235
9.13	Acupuncture anaesthesia <i>Mark Bovey</i> , with a contribution by <i>Lynnae Schwartz</i>	246
9.14	Postoperative pain <i>David F Mayor</i> and <i>Michael W Flowerdew</i>	255
9.15	Addiction <i>Ann Brownbill</i> , with additions by <i>David F Mayor</i> and a contribution by <i>Rodney S Robinson</i>	263
9.16	Appetite regulation and weight control	275
PART 3. TECHNOLOGY AND PRACTICE		279
INTRODUCTION TO PART 3		279
CHAPTER 10	The technology of acupuncture With contributions by <i>Ken Andrews, J Gordon Gadsby</i> and <i>Jacqueline Young</i>	281
CHAPTER 11	Tools of the trade	311
CHAPTER 12	Practicalities and precautions: the basic do's and don'ts	323
CHAPTER 13	Developing an integrated approach	339
CHAPTER 14	Conclusion, and the view ahead	345
APPENDIX 1	Resources: information, organisations and suppliers	347
APPENDIX 2	Technology in practice: assessment, legislation and insurance	353
GLOSSARY		359
INDEX		371