

Table of Contents

Contributors iv

1 Introduction 1
Catherine M. McGowan

2 Applied animal behaviour: assessment, pain and aggression 3
Daniel Mills and Fiona Williams

3 Applied animal nutrition 15
Rosalind Carslake and Teresa Hollands

4 Applied canine biomechanics 39
Caroline Adrian

5 Applied Equine Biomechanics 55
Lesley Goff

6 Comparative exercise physiology 73
Catherine M. McGowan and Brian Hampson

7 Equine lameness 92
Chris Whitton

8 Canine lameness 112
Lance Wilson and Bruce Smith

9 Small animal neurological and muscular conditions 127
Philip A. Moses and Rita Gonçalves

10 Equine neurological and muscular conditions 150
Harry Carslake

11 Physiotherapy assessment for animals 171
Lesley Goff

12 Manual therapy 198
Lesley Goff

13 Electrophysical agents in animal physiotherapy 212
Tim Watson and Katie Lawrence

14 Aquatic therapy 225
Michelle Monk

15 Acupuncture and trigger points 238
Brooke Marsh

16 Small animal treatment and rehabilitation for cardiorespiratory conditions 247
Helen Nicholson

17 Small animal treatment and rehabilitation for neurological conditions 260
Heli Hyytiäinen

18 Canine treatment and rehabilitation for orthopaedic conditions 272
Laurie Edge-Hughes

19 Assessment and treatment techniques of the equine head, neck and thoracic limb 302
Emma Dainty

20 Assessment and treatment techniques of the equine thoracolumbar spine, pelvis and pelvic limb 313
Emma Dainty

21 Equine sports medicine and performance management 329
Lesley Goff

22 Outcome measures in animal physiotherapy 347
Anna Bergh

Index 364