

Table of contents

Acknowledgements vii

About the companion website ix

1 Musculoskeletal physiotherapy 1

Introduction 1

Gait analysis 2

History taking 5

Physical examination 6

Exercise plans 7

Physiotherapy treatment techniques and modalities 8

Musculoskeletal presenting conditions 24

Pain management 75

Physiotherapy musculoskeletal assessment 79

Self-assessment questions 86

2 Neurology 89

Introduction 89

Surgical presenting conditions 91

Non-surgical presenting conditions 116

Medical neurological presenting conditions 125

Neurological assessment 136

Physiotherapy assessment for the neurology patient 142

Self-assessment questions 148

3 Respiratory physiotherapy 151

Introduction	151
Chest auscultation and interpretation	152
Percussion note technique and interpretation	153
Interpretation of blood gases	154
Respiratory failure	154
Cardiorespiratory monitoring	156
Electrocardiograms	158
Respiratory presenting conditions	160
Respiratory physiotherapy treatment techniques	164
Self-assessment questions	181
4 Hydrotherapy	185
Introduction	185
The aims of hydrotherapy	185
Pool chemistry	187
Properties of water	188
Hydrotherapy for specific conditions	189
Self-assessment questions	202
Appendices	205
Abbreviations	209
References	211
Self-assessment answers	213
Index	219