



Contents

Foreword	vii
Preface.....	ix
Contributors.....	xi
Chapter 1 Introduction	1
<i>Ivan Birch and Wesley Vernon</i>	
Chapter 2 The history of the use of gait analysis as evidence	19
<i>Michael Nirenberg</i>	
Chapter 3 Fundamentals of human gait and gait analysis.....	39
<i>Ambreen Chohan, Jim Richards and David Levine</i>	
Chapter 4 The legal context of forensic gait analysis.....	59
Part 1: The legal context in North America..... 59	
<i>Emma Cunliffe</i>	
Part 2: The legal context in the United Kingdom..... 67	
<i>Graham Jackson</i>	
Chapter 5 The development of the forensic gait analysis quality assurance process in the UK.....	71
<i>Sarah Reel</i>	

Chapter 6	Initial contact, preliminary assessment of footage and defining the task.....	87
	<i>Ivan Birch</i>	
Chapter 7	Analysing the questioned and reference footage.....	107
	<i>Ivan Birch</i>	
Chapter 8	Comparison of gait and evaluation.....	117
	<i>Ivan Birch</i>	
Chapter 9	Writing expert witness reports.....	129
	Part 1: General principles, requirements and pitfalls.....	129
	<i>Roger Robson and Claire Gwinnett</i>	
	Part 2: Writing forensic gait analysis reports.....	144
	<i>Ivan Birch</i>	
Chapter 10	Presenting gait evidence in court.....	147
	<i>Ivan Birch</i>	
Chapter 11	Psychology of perceptual error in forensic practice.....	159
	<i>Liam Satchell</i>	
Chapter 12	Probative value of gait analysis.....	171
	<i>Graham Jackson and Ivan Birch</i>	
Chapter 13	Case studies.....	189
	Case study 1: Berry's One Stop Store robbery.....	189
	<i>Michael Nirenberg</i>	
	Case study 2: Arson of a business premises.....	198
	<i>Maria Birch</i>	
	Case study 3: Two armed bank robberies.....	201
	<i>Ivan Birch</i>	
Appendix 1: The Sheffield features of gait tool	205
Index	213