Contents

Preface		vii	11	Traumatic axonal injury	116
Contributors		viii		Daniel du Plessis	
1	Anatomy of the head and neck Peter Dangerfield	1	12	Brain swelling, raised intracranial pressure and hypoxia-related brain injury Daniel du Plessis	128
2	Clinical aspects of head injury Graham Flint	17	13	Sudden unexpected death in epilepsy Christopher Milroy and Daniel du Plessis	139
3	Imaging of head trauma Calvin Soh	25	14	Contact sport and blast-related neuropathology Daniel du Plessis and Christopher Milroy	145
4	Biomechanics of primary traumatic head injury Michael Jones	45	15	Head injury in the child Helen Whitwell and Christopher Milroy	151
5	Techniques Helen Whitwell	55	16	Spinal injuries Graham Flint and Helen Whitwell	167
6	Scalp, facial and gunshot injuries Christopher Milroy	66	17	Difficult areas in forensic neuropathology: Homicide, suicide or accident	178
7	Adult skull fractures	80		Christopher Milroy and Helen Whitwell	
	Helen Whitwell and Philip Lumb		18	Non-traumatic neurological conditions in medico-legal work	186
8	Intracranial haematomas – Extradural and subdural	87		Colin Smith	100
	Helen Whitwell		19	Alcohol, drugs, toxins and post-mortem toxicology	195
9	Subarachnoid haemorrhage and cerebrovascular traumatic pathology	94		Colin Smith and Christopher Milroy	
	Daniel du Plessis and Paul Johnson		20	The role of the expert witness	203
10	Contusional brain injury and intracerebral haemorrhage – Traumatic and non-traumatic	107		Paul Watson and Christopher Milroy	
	Helen Whitwell		Inc	lex	208