Emergency vascular and endovascular practice comprises almost half the workload undertaken by the majority of vascular surgeons. Most vascular emergencies are characterised by the sudden occlusion, rupture or injury of a blood vessel placing organ, limb and life at risk. An attitude of urgency and of good judgement, both in diagnostic assessment and the application of evidence-based vascular and endovascular techniques, is crucial to the achievement of optimal outcomes.

This book is structured with the emphasis on clinical presentation, the objective being to provide accessible and highly practical advice to the vascular surgeon faced with a particular emergency. Distinguished vascular surgeons, vascular radiologists and other specialists around the world have enriched this book with authoritative contributions reflecting their experience and expertise. For ease of reference the text is divided into nine sections, leading with introductory chapters on general considerations such as pathophysiology, preoperative diagnosis, risk assessment and medico-legal aspects of vascular emergencies. That is followed by a series of clinical sections covering acute cerebrovascular syndromes, acute limb ischaemic states, the acutely swollen limb, thoraco-abdominal catastrophes, acute complications of endovascular aortic repair, regional vascular trauma and iatrogenic injuries. It concludes with a section on miscellaneous, but important, acute vascular challenges. Throughout the book, wherever appropriate, modern endovascular techniques are given full coverage.