Written by an international group of master interventionists, this volume is a comprehensive, step-by-step guide to coronary and non-coronary endovascular techniques. After a review of vascular pathoanatomy, vascular pathophysiology, and peri-interventional diagnostics, the book details the principles and techniques of endovascular interventions in all vascular territories. Chapters cover intracranial vessels, internal carotid artery, coronary arteries, thoracic aorta, abdominal aortic aneurysm, renal arteries, iliac and lower extremity arteries, hemodialysis shunts, venous diseases, and foreign bodies. The authors offer guidelines on the choice of instrumentation and the decision-making process at each step of the intervention. More than 1,000 illustrations demonstrate the techniques.