
Preface

This textbook, our fourth on vascular disease and fifth medical textbook overall, is focused on critical limb ischemia. We have purposefully included both acute and chronic conditions in critical limb ischemia. These two disease processes share many common features, yet are unique enough in their presentation and treatment that they deserve separation in their diagnosis and treatment discussions. It is our intent that one volume that covers both entities will be a valuable resource to clinicians.

Although once the sole purview of vascular surgeons, the therapeutics of critical limb ischemia has been significantly advanced through the multidisciplinary approach to the patient and disease. Overall, limb and patient care are enhanced by the current group of specialists who provide care for these patients.

Our book systematically addresses the afflicted patient and the disease process leading to the very real concern—critical limb ischemia—that may torment the patient, the family, and the consulting physician. Loss of an extremity, or a portion thereof, is not necessarily a life-ending process, but it certainly is a debilitating experience whether involvement is of the upper or the lower extremity.

Depending on the etiology, the list of specialties requiring involvement is long, and the required multiple specialty disease/patient physician programs become apparent as the disease progresses. Diabetic, renal, and even oncological consultations are administered concomitantly with the vascular physician, with all working to salvage an extremity, to avoid a prosthesis and lifetime without an arm or leg.

We have included the most frequent as well as the more unusual etiological processes that may lead to the most dreaded concern of a patient and family—amputation. Atherosclerotic diseases of the smoker and the diabetic patient, malignancy-induced occlusive disease, and vasculitic as well as the iatrogenic disorders, while unexpected, are all part of the much larger etiological group endangering the patient and the extremity.

Physicians face these concerns with recognition of the life and lifestyle changes presenting to the family and the patient with extremity ischemia. Diagnosis, diagnostic approaches, and therapeutic options become a major and timely focus for all involved. The multiple disciplines and specialty recognition of the authors and chapter contributors define the majority of the disease complex and the goal for salvage whenever possible.

Maywood, IL, USA
Glen Ellyn, IL, USA
Knoxville, TN, USA
Charleston, WV, USA

Robert S. Dieter, MD, RVT
Raymond A. Dieter, Jr., MD, MS
Raymond A. Dieter, III, MD
Aravinda Nanjundappa, MD, RVT

Critical Limb Ischemia

Acute and Chronic

Dieter, R.; Dieter, III, R.A.; Dieter, III, R.A.; Nanjundappa,
A. (Eds.)

2017, XXII, 671 p. 555 illus., 430 illus. in color.,

Hardcover

ISBN: 978-3-319-31989-6