

# Preface

## Why This Book?

Increasingly, peripheral vascular interventions are being performed by vascular surgeons, interventional cardiologists, and interventional radiologists. This handbook is meant to be a guide for the beginner and also for the more advanced interventionalist covering all aspects of percutaneous peripheral vascular interventions. Each chapter of this highly illustrated book provides brief background, etiology, clinical presentation, imaging, and percutaneous treatment of different vascular conditions. Importantly, “Tips of the trade” and “How I do it” sections in each chapter make this handbook very practical. These invaluable pearls are provided by the authors of each chapter who are experts in the field. This handbook is a collaborative effort between cardiologists, vascular surgeons, and radiologists as we strongly believe that each subspecialty brings unique expertise to the field of percutaneous peripheral vascular interventions.

This handbook was put together as many of our colleagues, fellows, residents, and medical students have expressed a need for an easily accessible book which will cover the essential principles and specific management issues with percutaneous peripheral vascular interventions.

## How to Use This Book

This book starts with general concepts of vascular imaging, access sites issues, principles of sheaths/guides, diagnostic angiography, anti-platelet and anti-coagulation therapies, and

ways to minimize contrast-induced nephropathy that all practitioners need to be familiar with. The second half of the book focuses on the different vascular territories and provides the reader an in-depth but concise review of the principles of percutaneous treatments of the specific peripheral vascular bed.

We envision trainees carrying this handbook in their white coat pockets so that before they scrub in for a case, they read the appropriate chapters and enhance their educational experience during the case. For the more experienced operator, this handbook provides more details about how the experts in the field do their cases by mentioning more specific use of different wires, guides, and techniques that they favor to overcome the challenges of percutaneous peripheral interventions. The selected references section located at the end of each chapter provides additional reading material that the author feels especially pertinent to the presented material.

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