Fractures of the Calcaneus

Fractures of the calcaneus are a common entity encountered by treating orthopedicians and pose a variety of challenges at each step starting from the diagnosis, classification, understanding of the three-dimensional anatomy, soft-tissue problems, timing of surgery, whether to operate, and what surgery to offer. Literature is full of articles on the above issues, but very few comprehensive books on calcaneus fractures are available.

This book has contributions from various authors from across the globe having expertise in foot and ankle surgery, and they present their perspective in their respective chapters. Each chapter begins with one or two phrases, which aptly describe the contents of the chapter. The book is divided into various chapters, and the first few chapters take you through the historical aspects, clinical anatomy and injury mechanics, and the imaging techniques and interpretation of images, which has been simplified and made crystal-clear with the help of well-illustrated figures. The chapter on fracture classification is extensive and covers all aspects required in planning the treatment. Chapter 5 discusses the nonoperative management of calcaneus fractures in detail.

The chapter on surgical approaches discusses all the available approaches toward calcaneus in detail with good illustrations. There are chapters dedicated toward percutaneous fixation and extensile lateral approach supported by good clinical photographs and step-by-step radiographs. Evolution of implants for calcaneus fracture and role of bone graft substitute are also discussed in separate chapters elaborately. Open fracture of calcaneus that is commonly encountered is dealt with separately.

The next few chapters focus on various complications of calcaneus fractures, their identification, and their treatment. Malunion of calcaneus and its management is discussed separately in a detailed manner. The last few chapters discuss the outcome evaluation of calcaneal fractures and the various scoring systems used. The rehabilitation protocols following treatment have been written by the physiotherapist. The final chapter is an icing on the cake that discusses evidence-based orthopedics with respect to calcaneus fracture and addresses what is optimal for the present day based on available evidence.

The DVD available with the book has nine useful videos addressing clinical signs, surgical exposures, fracture reduction techniques, void fillers, implants, and closure of wounds.
In summary, this is a well-planned, well-structured, and well-illustrated book on calcaneus fracture covering all the aspects extensively in a simplified way. I recommend this book for all orthopedic surgeons who aspire to master in the understanding of heel fracture.

Sandeep Patel  
Assistant Professor  
Department of Orthopaedics  
Postgraduate Institute of Medical Education & Research  
Chandigarh, India

Udai Cheema  
Senior Resident  
Department of Orthopaedics  
Postgraduate Institute of Medical Education & Research  
Chandigarh, India