Hand and Wrist Anatomy and Biomechanics: A Comprehensive Guide

Presents the specialty of applied anatomy and is intended for medical professionals involved with the hand and its functionality: hand surgeons, trauma specialists, orthopaedists, plastic surgeons, occupational therapists, and physiotherapists.

There is a saying that “hand surgery without a tourniquet is like repairing a clock in a barrel full of dark ink.” Operating without a sound fundamental knowledge of anatomy can be compared to “stirring around in the soup.” Classic anatomy instruction covers only a fraction of the area of hand surgery: bones, muscles/ligaments, vessels, and nerves. The many different connective-tissue structures are often only briefly highlighted. The complex interaction of the various structures remains a mystery to most.

Key features of this innovative volume:
- Almost 150 illustrations, anatomical drawings, and photos of anatomy in vivo.
- Part 1 deals with the anatomy and functional anatomy of the hand
- Part 2 is dedicated to the surface anatomy of the structures of the forearm, wrist, and hand