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ISBN	3-030-54201-7
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVI, 317 p. 174 illus., 139 illus. in color.)
Disciplina	617.585
Soggetti	Foot - Abnormalities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Comparative Anatomy and Introduction to the Twisted Plate Mechanism -- Human Walking: The Gait Cycle -- Motion of the Foot: Joints, Muscles and Sensorimotor Control -- Disorders of the First Ray: Part 1: Hallux Abductovalgus Deformity -- Disorders of the First Ray: Part 2: Hypermobility, Functional Hallux Limitus and Hallux Rigidus -- Metatarsalgia and Digital Deformities -- The Adult Acquired Flatfoot -- Plantar Heel Pain.
Sommario/riassunto	This new book consolidates the current knowledge of lower extremity biomechanics and pathomechanics and makes this information relevant to the study of common foot and ankle pathologies. The content is presented in a language and format that allows the clinician to review current evidence explaining the etiology of these disorders in order to formulate effective treatment interventions. In order to understand pathomechanics, the clinician must also become versed in the normal, healthy biomechanics of the lower extremity. A review of gait, muscle function and forces acting on the lower extremities during physical activity will be the focus of the first part of this book. The second part of the book will study the common, challenging pathologies treated on a daily basis by foot and ankle clinicians: hallux abducto valgus, hallux rigidus, metatarsalgia, digital deformities, adult acquired flatfoot, and plantar heel pain. These chapters discuss all the relevant factors contributing to these conditions, evaluating and exposing myths and misconceptions about the pathomechanics and treatments of these

conditions. For each disorder, a comprehensive review of published research provides a foundation for an updated, valid description of etiology and risk factors. Providing a fresh approach to lower extremity pathomechanics and management strategies, *Pathomechanics of Common Foot Disorders* is a valuable resource for podiatrists and orthopedic foot and ankle surgeons at all levels. .

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