1. Record Nr. UNINA9910727285703321

Titolo	Tendons : trauma, inflammation, degeneration, and treatment / / edited by Nahum Rosenberg
Pubbl/distr/stampa	London : , : IntechOpen, , 2023
ISBN	1-83768-186-4
Descrizione fisica	1 online resource (92 pages)
Disciplina	617.9
Soggetti	Orthopedic apparatus Self-help devices for people with disabilities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introductory Chapter: Tendons - Trauma, Inflammation, Degeneration, and Treatment -- 2. Tendon Injury Following Strenuous Activity: (Acute, Repetitive, and Chronic) -- 3. Tendon Adhesion and Novel Solutions -- 4. Medical Implications of the Relationships among Protein Denaturation, Necrosis and Inflammation: An Intriguing Story -- 5. Calcific Tendinitis: Limited Role of Surgery.
Sommario/riassunto	The biological and mechanical connection between muscles and bones is made by tendon tissue. The physiological function of tendons is to enable joint movements by transmitting the force of muscle contraction. Due to their connective tissue content, tendons have semi-elastic properties and are thus vulnerable to structural failure and inflammatory degeneration, both of which have extremely disabling effects, particularly pain and hampered joint function. This book examines the causes of mechanical and inflammatory structural pathologies of the tendons and related therapeutic approaches for managing these injuries and conditions.