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Nota di contenuto	Tendinopathy: a major medical problem in sport / Per A.F.H. Renstrom and Savio L-Y. Woo -- Etiology of tendinopathy / Jill L. Cook and Karim M. Khan -- The molecular biology of tendinopathy: signaling and response pathways in tenocytes / Albert J. Banes ... [et al.] -- The response of tendon cells to changing loads: implications in the etiopathogenesis of tendinopathy / Steven P. Arnoczky, Michael Lavagnino, and Monika Egerbacher -- How alive are tendons? metabolic and circulatory activity associated with exercise in humans / Michael Kjær ... [et al.] -- Human tendon overuse pathology: histopathological and biochemical findings / Alexander Scott ... [et al.] -- Mechanobiologic studies of cellular and molecular mechanisms of tendinopathy / James H-C. Wang ... [et al.] -- In vivo function of human Achilles and patella tendons during normal locomotion / Paavo V. Komi and Masaki Ishikawa -- Tendon innervation: understanding of pathology and potential implications for treatment / Paul W.

Ackermann ... [et al.] -- A neuropathic model to the etiology and management of Achilles tendinopathy / Nick Webborn -- An integrative therapeutic approach to tendinopathy: biomechanical and biological considerations / Louis C. Almekinders and Albert J. Banes -- The chronic painful Achilles tendon: basic biology and treatment- results of the new methods of eccentric training and sclerosing therapy / Hakan Alfredson -- Hindfoot tendinopathies in athletes / Francesco Benazzo ... [et al.] -- Alternative approaches in the management of tendinopathies- traditional Chinese medicine: from basic science to clinical perspective / Kai-Ming Chan -- Surgery for chronic overuse tendon problems in athletes / Deiary Kader and Nicola Maffulli.

Sommario/riassunto

This concise volume in the Encyclopaedia of Sports Medicine series, published under the auspices of the International Olympic Committee, provides a dependable source of current knowledge available on tendinopathy and covers both the basic science and clinical aspects of the subject. Despite its high incidence, the precise etiopathogenesis and effective treatment of tendinopathy remain elusive. Tendinopathy in Athletes draws on the expertise of an international and prolific collection of contributors, both clinicians and scientists, who provide new insights into this specific condition.
