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Titolo	Muscle injuries in sports / [edited by] Hans-Wilhelm Mueller-Wohlfahrt, Peter Uebelacker, Lutz Haensel, William E. Garrett Jr. [editors] ; with contributions by Andreas Betthaeuser [and others] ; foreword by Jiri Dvorak
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Functional anatomy of skeletal muscle / D. Blottner -- Basic physiology and aspects of exercise / B. Brenner, N. Maassen -- Molecular and cell biology of muscle regeneration / M. Flueck -- Muscle healing : physiology and adverse factors / W. Bloch -- Epidemiology of muscle injuries in soccer / J. Ekstrand -- Terminology, classification, patient history, and clinical examination / H.-W. Muller-Wohlfahrt ... [and others] -- Ultrasonography / L. Haensel, P. Uebelacker, A. Betthaeuser -- Magnetic resonance imaging / J. Boeck, P. Mundinger, G. Luttke -- Differential diagnosis of muscle pain / B. Schoser -- Behavioral neurology and neuropsychology in sports / J.M. Hufnagl -- Conservative treatment of muscle injuries / H.-W. Muller-Wohlfahrt ...

[and others] -- Role of the spine in muscle injuries and muscle disorders / B. Schoser ... [and others] -- Operative treatment of muscle injuries / W.E. Garrett, Jr. -- Physical therapy and rehabilitation / K. Eder, H. Hoffmann -- Prevention of muscle injuries / A. Schlumberger -- Special case reports from high-performance athletics / P. Uebelacker, L. Haensel, H.-W. Müller-Wohlfahrt.

Sommario/riassunto

The first book to focus exclusively on muscle injuries in sports! Accounting for the majority of sports-related disorders, injuries of the skeletal muscles have been difficult to define, classify, and treat mainly due to a lack of scientific background and missing guidelines. Now, for the first time, readers will find full coverage of muscle anatomy, physiology, diagnosis, imaging, treatment, rehabilitation, and prevention in one comprehensive volume. It includes a standardized terminology and new classification system, both based on a consensus conference that took place in 2011 in Munich. Special Features: * Written by top international sports medicine physicians who have more than 35 years of experience treating competitive athletes, including the German national soccer team * Emphasizes practice-oriented content with a scientific foundation * Shares dozens of case studies that highlight injury assessment, pitfalls, and complications * Provides more than 500 vivid, full-color illustrations and photographs, including detailed anatomic diagrams and tables At a time when athletic muscle injuries have increasingly become the focus of research and clinical studies, especially due to their frequency and impact on player absence, this book makes an enormous contribution to the field. It is essential reading for all sports medicine physicians, residents and fellows, physical therapists, coaches, and other practitioners involved in caring for athletes.