

1. Record Nr.	UNINA9910254317703321
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Titolo	Mobility Management in LTE Heterogeneous Networks / / by Abhay Karandikar, Nadeem Akhtar, Mahima Mehta
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-4355-8
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIX, 96 p. 62 illus.)
Disciplina	621.382
Soggetti	Electrical engineering Computer networks Computers Communications Engineering, Networks Computer Communication Networks Information Systems and Communication Service
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Mobility Management in LTE Networks -- Chapter 3: Methodology for 3GPP Modeling -- Chapter 4: Mobility Challenges in LTE Heterogeneous Networks -- Chapter 5: Enhancements for Mobility State Estimation in LTE HetNet -- Chapter 6: Optimization of Mobility-related Parameters.
Sommario/riassunto	This book is the first of its kind, compiling information on the Long-Term Evolution (LTE) standards, which are enhanced to address new mobility-related challenges in Heterogeneous Networks (HetNets). It identifies the related challenges and discusses solutions and the simulation methodology for modeling HetNet mobility – cutting-edge information that was previously accessible only in the form of 3GPP specifications and documents, and research papers. The book reviews the current LTE mobility framework and discusses some of the changes for enhancing mobility management in HetNets. It describes the measurement procedures, handover (HO) mechanisms and HO success/failure scenarios. HetNets are intended to provide very high spectral efficiency while ensuring seamless coverage by deploying low-power nodes within the umbrella macrocell network. While mobility

management in homogeneous networks is well understood, LTE standards are being enhanced to address the HetNet-specific mobility management challenges emerging. The book addresses these aspects in a succinct and understandable form, offering a valuable resource for researchers and professionals working in the area of HetNet mobility and a ready reference guide for practicing engineers and researchers.

2. Record Nr.

Titolo

UNINA9910392736103321

Injury and Health Risk Management in Sports : A Guide to Decision Making // edited by Werner Krutsch, Hermann O. Mayr, Volker Musahl, Francesco Della Villa, Philippe M. Tscholl, Henrique Jones

Pubbl/distr/stampa

Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2020

ISBN

3-662-60752-2

Edizione

[1st ed. 2020.]

Descrizione fisica

1 online resource (XXII, 804 p. 196 illus., 162 illus. in color.)

Disciplina

617.1027

Soggetti

Sports medicine
Orthopedics
Rehabilitation
Physiotherapy
Traumatology
Sports Medicine
Traumatic Surgery
Lesions esportives
Medicina esportiva
Traumatología
Rehabilitació mèdica
Llibres electrònics

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Nota di contenuto

Principles and special considerations in athletes of different sports --

Principles and interdisciplinary considerations in athletes' care -- Specific medical care in typical sports injuries -- Special considerations in team sports & ball sports -- Special considerations in athletic sports -- Special considerations in winter sports -- Special consideration in martial arts and contact sports -- Special considerations in motor and cycling sports -- Special considerations in modern and extreme sports -- Special considerations in swimming and water sports -- Special considerations in other IOC sports -- Special sports -- Tips & tricks in player's care -- Future aspects in sports medicine.

Sommario/riassunto

This book is a comprehensive source of information and guidance on health risk management and medical care across the entire range of sports, in athletes of all ages and ability. General health aspects, injury prevention, first aid and emergency management, diagnosis, treatment, rehabilitation, and return to play are all addressed, with presentation of practical recommendations throughout. All medical disciplines with relevance for athletes - from psychological aspects to dermatological issues - are as well as main pathologies, overuse injuries and indications for surgical treatment of all certain parts of the musculoskeletal system, covered. Key features include a clear structure, short chapters in protocol format, and the inclusion of helpful checklists and tips and tricks for a quick and in-depth overview. Detailed attention is paid both to the medical care, specific to injuries of different parts of the body, and to special considerations relating to individual sports. Among the sport disciplines team sports, athletics, winter sports, track and field, martial arts, motor sports and cycling, extreme sports, swimming and water sports, racket sports, other IOC sports, and Paralympic sports are covered. Due to raising population of certain modern non-IOC sports, e.g. E-Sports, beach sports, flying sports and canyoning, and paltry medical information in this disciplines we put a focus on them. The book is a collaborative work from the newly created ESSKA section European Sports Medicine Associates (ESMA), which brings together the various disciplines of sports medicine. It will be an ideal resource and decision-making tool for doctors, athletes, coaches, and physiotherapists.
