

1. Record Nr.	UNINA9910794377103321
Autore	Andres Martin Juan Ramon de
Titolo	La guerra del general Cruz contra la independencia de Mexico : el brigadier realista Jose de la Cruz como comandante general de los Ejercitos de la Derecha y Operaciones de Reserva de la Nueva Espana (1810-1811) // Juan Ramon de Andres Martin
Pubbl/distr/stampa	Madrid : , : Editorial Dykinson, , [2020]
ISBN	84-1324-757-8
Descrizione fisica	1 online resource : maps
Disciplina	972.03092
Soggetti	Mexico History Wars of Independence, 1810-1821 Mexico History, Military 19th century
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910865279803321
Autore	Veves Aristidis
Titolo	The Diabetic Foot : Medical and Surgical Management / / edited by Aristidis Veves, John M. Giurini, Marc L. Schermerhorn
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Humana, , 2024
ISBN	3-031-55715-8
Edizione	[5th ed. 2024.]
Descrizione fisica	1 online resource (589 pages)
Collana	Contemporary Diabetes, , 2197-7844
Altri autori (Persone)	GiuriniJohn M SchermerhornMarc L
Disciplina	617.5/85
Soggetti	Endocrinology Orthopedics Cardiology Surgery Neurology Orthopaedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Clinical Features and Diagnosis.-Burden of Diabetic Foot -- Incidence, prevalence of foot ulceration -- Cost of foot ulceration -- The clinical examination of the diabetic foot and the identification of the at risk patient -- Clinical examination -- Screening techniques -- Classification of ulcers (Wagner and Texas classification and others in brief) -- (omit vascular examination) -- Diabetic neuropathy -- Epidemiology -- Classification -- Clinical features, main emphasis on sensorimotor neuropathy or other neuropathies of lower extremity -- Differential diagnosis -- Treatment -- Clinical features and diagnosis of peripheral arterial disease -- Pathogenesis -- Clinical features -- Diagnostic criteria -- Non-invasive methods, TcPO2, ABI -- Invasive methods -- Proposed algorithm, Reference to the ADA Consensus statement and PAD statement -- Radiographic changes of the diabetic foot -- Plain x-rays -- MRI -- Osteomyelitis diagnosis -- Differential diagnosis of osteomyelitis and Charcot -- MRI spectroscopy -- Principles of care in the diabetic surgical patient -- Control of DM in

the surgical patient -- Role of intensive treatment -- Pathophysiology -- Pathophysiology of wound healing in chronic wounds -- Physiology of wound healing -- Pathophysiology of wound healing in DM -- Role of inflammation -- Role of angiogenesis under normal conditions -- Angiogenesis and Diabetes -- Pathophysiology of angiogenesis in the healing of the diabetic foot ulcer -- Factors that Affect Diabetic Wound Healing -- Neuropeptides and wound healing -- Mast cells -- PTP1B in wound healing -- Animal data vs human data: Similarities and differences -- Mechanisms of Vascular Disease in Diabetes -- Micro vs macrocirculation -- PAD in diabetes -- Role of microcirculation -- Omics, their role in understanding the diabetic lower extremity pathophysiology -- Skin Changes in the Diabetic Foot -- Dermatologic conditions Inflammation -- Biomechanics of the diabetic foot -- Foot anatomy related to biomechanics -- Gait Cycle -- Changes in diabetes (LJM, high foot pressures) -- Balance in diabetes -- Development of foot ulceration -- Methods to measure foot pressures -- Out of shoe methods -- In shoe methods -- Foot pressure measurements in diabetes -- Cell Therapies: New Frontier for the Management of Diabetic Foot Ulceration -- Limitations of currently available treatments -- Emerging new concepts -- Role of extracellular vesicles, modified mRNA, miRNA and siRNA in diabetic lower extremity complications -- New Biomaterials for the Management of the Diabetic Lower Extremity -- Microbiota of diabetic lower extremity -- Wound infection in diabetes -- Biomarkers of DFU and its healing progress -- Animal models of DFU -- Management of the Diabetic Foot -- Microbiology and Treatment of Diabetic Foot Infection -- Microbiology -- Algorithm of treatment -- Topical vs systemic treatment DFU assessment and wound preparation -- Topical Wound Care Treatment and indications for their use -- Role of dressings -- Selection of dressings, evidence-based evaluation -- Principles for using growth factors -- Review of tested all growth factors so far -- Review of VEGF and PDGF gene therapy clinical trials -- Emphasis on Regranex, the only commercially available growth factor: review of data, indications for using it in clinical practice -- Treatment according to ulcer stages -- Description of different LSE currently in clinical trials or available in clinical practice -- Review of data regarding diabetic foot studies -- Description of other topical, biologically active products -- Surgical Treatment of the Ulcerated Foot -- Lower Extremity Arterial Reconstruction in Patients with Diabetes Mellitus: Principles of Treatment -- Principles of treatment -- Brief description of surgical methods -- Outcomes of surgery -- Indications for angioplasty -- Brief description of angioplasty methods -- Outcomes of angioplasty -- Recommendations by recent guidelines -- We need numerous figures and pictures -- Reconstruction of the diabetic foot -- Reconstruction of diabetic foot -- Reconstruction of soft tissues of the Charcot foot -- Role of dermatomes -- Charcot Arthropathy in the Diabetic Foot -- Epidemiology -- Pathophysiology, stages of disease -- Microcirculation and development of Charcot -- Radiology -- Treatment -- Amputations and rehabilitation -- Major amputations, indications and description of basic principles -- Principles of rehabilitation -- Prostheses -- Organization and Preventive Care -- Organization of the Diabetic Foot Care team -- Description of the DF care team -- Role of each specialty -- Flow diagram (gate keeper, communication between teams etc) -- Quality of Care -- Briefly describe current concepts of quality of care -- Quality of care of DF -- Comparative effectiveness -- Education and behavior modification at the at risk patient -- Psychological profile of the patient with DFU -- Impact of DFU on quality of life -- Techniques to modify behavior -- The role of foot

wear in the prevention of diabetic foot problems -- Why we need proper footwear -- Review of studies regarding footwear -- General clinical recommendations.

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## Sommario/riassunto

The fifth addition of this classic text that focuses on the diabetic foot continues the tradition of the previous four editions. More specifically, it includes contributions from a distinguished panel of clinicians and researchers, who have either participated in previous editions or are new, who provide up-to-date information on the pathophysiology and management of diabetic foot ulceration. As with the previous editions, it is divided into three sections: the first part focuses on clinical features and diagnosis; the second on pathophysiology; and the third on the management of diabetic foot problems. The main emphasis of the clinical part is on the multidisciplinary approach that has been mainly developed by the world-renowned Joslin-Beth Israel Deaconess Foot Center, which pioneered the management of diabetic lower extremity problems. Also like previous editions, the author panel includes diabetologists, podiatrists, vascular surgeons, infectious disease specialists, orthotists, plastic and orthopedic surgeons, the majority of whom work at the Joslin-Beth Israel Deaconess Foot Center. In addition, the fifth edition not only describes the state-of-the-art current methods in clinical practice but also includes a thorough update of all research progress during the last five years. This updated edition of this timely text will be of significant value to all physicians and researchers with interest in a comprehensive understanding of the diabetic foot.

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3. Record Nr.	UNINA9910299296403321
Titolo	Emerging Wireless Communication and Network Technologies : Principle, Paradigm and Performance / / edited by Karm Veer Arya, Robin Singh Bhadoria, Narendra S. Chaudhari
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	978-981-13-0396-8 981-13-0396-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (IX, 360 p. 124 illus., 79 illus. in color.)
Disciplina	004.6
Soggetti	Computer networks Electrical engineering Mobile computing Signal processing Image processing Speech processing systems Computer Communication Networks Communications Engineering, Networks Mobile Computing Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to Emergence for Wireless Technology and Communications -- Explorations and Trends -- Advancement in Wireless Technologies and Networks -- Cognitive Radio Networks (CRN) Technologies and Applications -- 5G Mobile Communication Systems -- Design and Application for Reliable Cooperative Networks -- Advancement and Future Scope -- Infrastructure in Mobile Opportunistic Networks -- Generic Design and Advances in Wearable Sensor Technology -- Realizing the Wireless Technology in Internet of Things (IoT).
Sommario/riassunto	The book covers a wide range of wireless communication and network technologies, and will help readers understand the role of wireless

technologies in applications touching on various spheres of human life, e.g. healthcare, agriculture, building smart cities, forecasting and the manufacturing industry. The book begins by discussing advances in wireless communication, including emerging trends and research directions for network technologies. It also highlights the importance of and need to actively develop these technologies. In turn, the book addresses different algorithms and methodologies which could be beneficial in implementing 5G Mobile Communication, Vehicular Ad-hoc Networks (VANET), Reliable Cooperative Networks, Delay Tolerant Networks (DTN) and many more contexts related to advanced communications. It then addresses the prominence of wireless communication in connection with the Internet of Things (IoT), Mobile Opportunistic Networks and Cognitive Radio Networks (CRN). Lastly, it presents the new horizons in architecture and building protocols for Li-Fi (Light-Fidelity) and Wearable Sensor Technology.

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