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Nota di contenuto	Epidemiology and Health Care Cost of Diabetic Foot Problems -- Clinical examination and risk classification of the diabetic foot -- Diabetic Neuropathy -- Diagnosis of Peripheral Artery Disease in the Diabetic Patient -- Imaging of Infection in the Diabetic Foot -- Principles of Care in the Diabetic Surgical Patient -- Physiology and Pathophysiology of Wound Healing in Diabetes -- Neuropeptides, Inflammation, and Diabetic Wound Healing – lessons from experimental models and human subjects -- Dermal regeneration and induction of wound closure in diabetic wounds -- Microvascular changes in the diabetic foot -- Structural and Functional Changes in Skin of the Diabetic Foot -- Biomechanics of the Diabetic Foot: The Road to Foot Ulceration -- Cell therapies:New frontier for the management of diabetic foot ulceration -- MicroRNAs: Novel therapeutic targets for diabetic wound healing -- Tissue Engineered Wound Dressings for Diabetic Foot Ulcers -- Preparation of the Wound Bed of the Diabetic Foot Ulcer -- Microbiology and Treatment of Diabetic Foot Infection --

Topical Wound Care Treatment and Indications for Their Use -- Surgical treatment of the ulcerated foot -- Lower Extremity Arterial Reconstruction in Patients with Diabetes Mellitus: Principles of Treatment -- Soft Tissue Reconstructive Options For The Ulcerated Or Gangrenous Diabetic Foot -- The diabetic charcot foot -- Amputations and Rehabilitation -- Organization of the Diabetic Foot Care Team -- Quality of Health Care -- Psychosocial and Educational Implications of Diabetic Foot Complications -- The Role of Footwear in the Prevention of Diabetic Foot Complications: the state of the art in 2016. .

Sommario/riassunto

In the fourth edition of this gold-standard title, a distinguished panel of experts provides a thorough update of the significant improvements in our understanding of diabetic foot physiology and its clinical management. 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. In addition to updating all previous chapters, several new contributions have been added, reflecting advances in our understanding of the causes of diabetic foot ulcers and efforts to develop new and more effective therapies. The authors, many practicing at the famous Joslin-Beth Israel Deaconess Foot Center, again illuminate the successful new multidisciplinary approach now clearly required for successful treatment of the diabetic foot. Drawing on the experiences of diabetologists, podiatrists, vascular surgeons, infectious disease specialists, orthotists, plastic and orthopedic surgeons, *The Diabetic Foot: Medical and Surgical Management, 4th Edition* expertly describes standard techniques and current methods derived from the most recent data. This updated edition will be of significant value to all physicians and researchers with interest in a state-of-the-art understanding of the diabetic foot.
