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Nota di contenuto	Part I. Definitions, Physiopathology, Vascular and Imaging Investigations in Skin Necrosis -- 1. Introduction to Vascular and Imaging Investigations in Skin Necrosis -- 2. Dry Necrosis, Wet Necrosis: When to Debride, When Not to Debride and Practical Debridement -- 3. Ischemia/Reperfusion: A Potential Cause for Tissue Necrosis -- 4. Imaging, Vascular Assessment: Extension in Depth and Vascular Anomalies -- 5. Imaging of Hypodermal Fat Necrosis -- 6. Skin Necrosis and the Need for Vascular Assessments -- 7. Arterial and Mixed Leg Ulcer -- Part II. Different Clinical Context of Skin Necrosis Physical Injuries -- 8. Introduction to Physical Injuries in Skin Necrosis -- 9. Skin Mechanobiology: From basic science to clinical applications -- 10. Necrotic Burns -- 11. Electrical Burns -- 12. Gunshot Wounds -- 13. Frostbite -- 14. How to Manage Radiation Injuries -- 15. Excessive

internal pressure (dissecting haematoma, evisceration, etc.) -- 16. Telemedicine in Skin Necrosis -- Part III. Skin Necrosis of Toxic Origin -- 17. Introduction to skin necrosis of toxic origin -- 18. Resuscitation Foot Necrosis: A New Entity for a Complex Management -- 19. Skin Necrosis and Ulcers Induced by Medications -- 20. Toxic Syndromes -- 21. Skin Necrosis due to Snakebites -- 22. Skin Necrosis in Jelly fish, Stone fish -- 23. Skin Necrosis from Coma Blister (physiopath. approach) -- Part IV. Skin Necrosis of Medical Origin -- 24. Introduction to Skin Necrosis of Medical Origin -- 25. Rheumatoid and Systemic Collagenosis Vasculitis -- 26. Giant Cell Arteritis -- 27. Hidradenitis Suppurativa -- 28. Martorell Hypertensive Ischemic Ulcer -- 29. Vasculitis -- 30. Necrobiosis Lipoidica -- 31. Purpura Fulminans -- 32. Protein C and Protein S Deficiencies -- 33. Renal Insufficiency and Necrosis -- 34. Calciphylaxis -- 35. Livedo(id) Vasculitis -- 36. Pyoderma Gangrenosum -- 37. Cryoglobulinemia -- 38. Necrosis of the Upper Extremities -- 39. Factitious Disorders (Pathomimia) and Necrosis -- Part V. Skin Necrosis of Infectious Origin -- 40. Introduction to Necrosis and Infection -- 41. *Fusarium solani* -- 42. Fournier Gangrene -- 43. Necrotizing Fasciitis -- Part VI. Surgical Context of Skin Necrosis -- 44. Introduction to Skin Necrosis in a surgical context -- 45. Skin Necrosis Over Osteosynthetic Material -- 46. Necrotic Complications After Skin Grafts -- 47. Arterial Leg Ulcers -- 48. Prevention of skin necrosis in cosmetic surgery -- 49. Flap necrosis prevention using leeches -- 50. Revascularisation techniques to prevent limb amputation presenting distal necrosis -- 51. Skin reconstruction using dermal substitute after skin necrosis -- 52. Skin Necrosis of Diabetic Foot and Its Management -- 53. Skin Necrosis of Diabetic Foot and Its Microsurgical Management -- 54. Exposed Necrotic Tendons -- 55. Dissecting Haematomas in Patients Submitted to Anticoagulation -- 56. Management of the Patient After Flap Failure -- Part VII. Techniques Applicable to Skin Necrosis -- 57. Introduction to Techniques Applicable to Skin Necrosis -- 58. Dressings for Necrosed Skin -- 59. Surgical Debridement -- 60. Stabilisation of Necrotic Tissue Using Cerium Nitrate Silver Sulfadiazine -- 61. Honey Debridement -- 62. Recent Technologies in Necrosis Surgical Debridement -- 63. Regulations for Conservative Sharp Debridement for Nurse in Europe -- 64. Regulations for Conservative Sharp Debridement for Nurses in the USA -- Part VIII. Skin Necrosis in Children -- 65. Introduction to Skin Necrosis Treatment in Young Age -- 66. Skin Necrosis in Children: Physical and Infectious Causes -- 67. Neonatal Pressure Ulcer -- 68. Skin Necrosis in Children: Genodermatosis -- 69. Skin Necrosis in Children: Vascular Causes and Angioma -- Part IX. Skin Necrosis in Elderly patients 70. Introduction to Skin Necrosis Treatment in Elderly Patients -- 71. Pressure Necrosis in Geriatric Patients -- 72. Deep Dissecting Hematoma : a frequent cause of necrosis in elderly patient -- Part X. Education on Debridement -- 73. Introduction to Education on Debridement -- 74. Non-specialised nurses and debridement -- 75. how to become an expert in debridement? Nurse perspective -- 76. how to become an expert in debridement? Physician perspective -- 77. Regulations for conservative sharp debridement for nurses in Europe -- 78. Regulations for Conservative Debridement for Nurses in North America -- 79. Distance Skin Necrosis Management.

Sommario/riassunto

This successful book, now Open Access in its second edition, was the first to discuss skin necrosis as a symptom related to a broad range of pathologies. In recent years, wound care has gained increasing recognition as a distinct medical specialty. An understanding of the complex mechanisms involved in wound healing facilitates efficient

assessment and treatment of patients with wounds, and skin necrosis can be considered the starting point in the entire healing process. Richly illustrated, this volume primarily provides therapeutic strategies and treatment algorithms for different clinical contexts. All chapters were written by renowned specialists in their respected fields and include detailed sample cases and essential take-home messages; the topics that require an in-depth approach are extensively covered, whereas clinical chapters are more essential, focusing on practicality. In light of the highly interdisciplinary nature of wound management, this new, updated edition of Skin Necrosis will be a much-valued tool for wound care practitioners and health care professionals across the fields of surgery, dermatology, internal medicine, and nursing. This is an open access book.
