

1. Record Nr.	UNINA9910369939303321
Titolo	Handbook of Burns Volume 1 : Acute Burn Care / / edited by Marc G. Jeschke, Lars-Peter Kamolz, Folke Sjöberg, Steven E. Wolf
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-18940-6
Edizione	[2nd ed. 2020.]
Descrizione fisica	1 online resource (578 pages)
Disciplina	617.110592
Soggetti	Surgery, Plastic Plastic Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A History of burn care -- Epidemiology and prevention of burns throughout the world -- Prevention of burn injuries -- Burns associated with wars and disasters -- Population based research and outcomes -- Education in burns -- Team building in burns -- QI/PI and Benchmarks -- Outcome measures -- Translational research to improve outcomes -- First responder -- Pre-hospital management -- Transport/Telemedicine/Pictures/smart-phone -- Admission of burn patients to the Burn Centre including Burn wound evaluation -- Burn size estimation, challenges and novel technology -- Early management of burn patients and fluid resuscitation -- Novel resuscitation strategies and technology -- Diagnosis and management of Inhalation injury, respiratory therapy -- Pathophysiology of burn injury -- Genomic and Proteomic responses to burn -- Organ responses and organ support -- Critical care of thermally injured patients -- Nutrition support for the burn patient -- Anabolic and anti-catabolic agents after burn -- Treatment of Infections in burns -- Anaesthesia for patients with acute burns, adult, peds, elderly -- Pain management after burn -- Psychological, Delirium, ASD management -- Nursing management of the burn-injured person -- Rehabilitation management during the acute phase -- Paediatric burn management -- Burns in older adults -- Burns in patients with special comorbidities -- Wound healing and wound care -- Non-surgical

management of burn patients -- Surgical management of burn patients -- Acute management of facial burns, acute vs. long term, surgical vs. non-surgical, face transplant -- Hand burns -- Treatment of burns novel technologies -- Scarring and scar management -- Electrical injury -- Chemical burns -- Necrotizing Soft Tissue Infections -- Frostbite -- TEN/SS -- Challenging burn cases examples.

Sommario/riassunto

The second edition of this volume provides updated information on acute burn treatment. It also discusses genomic responses to burns and novel techniques in this area. Divided into four topical parts, this book provides insights into the history, epidemiology, prevention of burns, as well as initial and pre-hospital management of burns, acute burn care and therapy, and non-thermal burns. All chapters have been edited by leading world authorities on burn care and offer readers a broad overview of the techniques and outcomes in this area. Please also have a look at "Handbook of Burns Volume 2 - Reconstruction and Rehabilitation 2nd edition".