

1. Record Nr.	UNINA9910411942203321
Titolo	Handbook of Burns Volume 2 : Reconstruction and Rehabilitation // edited by Lars-Peter Kamolz, Marc G. Jeschke, Raymund E. Horch, Markus Küntscher, Pavel Brychta
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-34511-4
Edizione	[2nd ed. 2020.]
Descrizione fisica	1 online resource (IX, 343 p. 202 illus., 194 illus. in color.)
Disciplina	617.1106 617.11
Soggetti	Plastic surgery Rehabilitation Plastic Surgery Cremades Cirurgia plàstica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Acute stress disorder and post traumatic stress disorder in individuals suffering from burn injury -- Long term consequences of burn injuries -- Skin architecture and function -- Burn wound healing: Pathophysiology -- Scar assessment -- Burn Scar treatment -- The future of wound documentation: three-dimensional, evidence-based, intuitive and thorough -- Evaluation of mimic function in patients with facial burns by use of the three-dimensional video-analysis -- Rehabilitation and scar management -- Scar treatment and Scar modelling by use of laser -- Percutaneous collagen induction therapy (microneedling): am alternative treatment for burn scars -- Medical Tattooing -- Generation of adipose tissue based in tissue engineering: An overview -- Burn scar lipofilling -- Exercise -- Principles of burn reconstruction -- Tissue expanders in burn surgery -- Burn reconstruction: Skin substitutes and tissue engineering -- Twelve year follow-up: a clinical study on dermal regeneration -- Generation of

adipose tissue based in tissue engineering: An overview -- Burn reconstruction: Neck region -- Burn reconstruction: Eye region -- Reconstruction of the post burn ear -- Reconstruction of the perioral region after Burn reconstruction: Breast -- Reconstruction of burn deformities of the lower extremity -- Thermal injuries to the foot -- Burn reconstruction: Hand and upper extremity -- Facial transplantation -- Modern myoprostheses in electric burn injuries -- Simulation and Training. .

---

### Sommario/riassunto

The second edition of this volume has been updated with chapters on scar treatment using laser, microneedling, tissue engineering, adipose tissue and lipofilling. It compiles the perspectives of a multi-author team, examining the entire spectrum of burn reconstruction and long-term treatment. Individual updated chapters cover basic aspects of wound healing and scarring, and plastic surgery relating to tissue rearrangement and the use of flaps, as well as the long-term use of skin and skin substitutes. Furthermore, it addresses topics such as rehabilitation and scar management in detail. It provides comprehensive reconstruction guidelines organized by anatomic region (e.g. face, hands, ...) as well as future trends and prospects in burn reconstruction, such as allotransplantation and bionics. Please also have a look at the volume "Handbook of Burns Volume 1 - Acute Burn Care 2nd edition".

---