

1. Record Nr.	UNINA9910483501203321
Autore	Lima Emerson
Titolo	Percutaneous collagen induction with microneedling : a step-by-step clinical guide // Emerson Lima, Mariana Lima
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] Â©2021
ISBN	3-030-57541-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIX, 347 p. 331 illus., 327 illus. in color.)
Disciplina	617.477
Soggetti	Skin - Surgery Surgery, Plastic Collagen
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Percutaneous Collagen Induction with Microneedling is a minimally invasive technique widely used to treat numerous dermatologic conditions such as facial and body scars, melasma, wrinkles, skin laxity, stretch marks, alopecies, vitiligo and scleroderma. Microneedling can also be used to optimize transdermal drug delivery for many substances. This technique uses modern microneedling devices containing multiple fine needles, typically 0.5 to 2.5 mm in length, which are mounted on a barrel and rolled onto the skin to create numerous perforations into the stratum corneum and the papillary dermis. These micro-wounds initiate the release of growth factors, triggering collagen and elastin formation, which results in dermal remodeling and skin resurfacing. This book provides a step-by-step approach to microneedling, based on the authors' more than ten years of experience with the technique, during which they have treated more than 3,000 patients in Brazil for numerous dermatologic conditions. Richly illustrated throughout, it includes over 400 illustrations.