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Autore	APPLEBAUM, David
Titolo	Lévy processes and stochastic calculus / David Applebaum
Pubbl/distr/stampa	Cambridge : Cambridge university press, copyr. 2004
ISBN	0-521-83263-2
Descrizione fisica	XXIV, 384 p. ; 24 cm
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Titolo	Microneedling : global perspectives in aesthetic medicine // edited by Elizabeth Bahar Houshmand
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , [2021] ©2021
ISBN	1-119-43194-8 1-119-43181-6 1-119-43183-2
Descrizione fisica	1 online resource (130 pages)
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Soggetti	Skin - Diseases - Treatment Electronic books.
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Cover -- Title Page -- Copyright Page -- Contents -- List of Editors and Contributors -- Cosmetic and Aesthetic Procedures in Dermatology Series -- Preface -- Chapter 1 Introduction to Microneedling -- Introduction -- History -- Mechanism of action -- The devices -- Pens -- Stamps -- Rollers -- DermaFrac -- Clinical considerations -- Conclusion -- References -- Chapter 2 A Short History of Skin Needling -- Introduction -- My classical technique of skin needling using a roller -- The best chemicals to be used -- Vitamin A -- Vitamin C -- Selected peptides -- The frequency of needling -- Conclusion -- References -- Chapter 3 The Value of Medical Needling in Burn Scars -- Introduction -- Science -- How it works -- Induction of the wound-healing cascade -- Tgf and the induction of collagen i -- Dermal remodeling -- Increase in skin elasticity -- Normalized perfusion -- Increase in skin moisture content -- Increase of epidermal thickness -- Role of vitamins in wound healing -- No dyspigmentation after medical needling -- Repigmentation of hypopigmented burn scars with medical needling and non-cultured autologous skin cell suspension (ncascs) -- Clinical results -- Medical needling -- Medical needling and ncascs -- Conclusion -- References -- Chapter 4 Skin Care Used with Microneedling -- Introduction -- Pre- and posttreatment skincare -- Role of peptides -- Role of growth factors -- Role of platelet-rich plasma -- Role of vitamin a and vitamin c -- General considerations: pretreatment, during treatment, and post-treatment -- References -- Chapter 5 Treatment of Hyperpigmentation with Microneedling -- Introduction -- Principle and mechanism of action of microneedling -- Hyperpigmentation -- Melasma -- Microneedling in melasma -- Periorbital melanosis -- Microneedling in periorbital melanosis. Microneedling with biological agents for hyperpigmentation disorder -- Microneedling with platelet-rich plasma (PRP) -- Microneedling with cell-based therapies and stem cell conditioned medium -- Microneedling technical and clinical considerations -- Devices -- Clinical considerations -- Preprocedure care -- Operative technique -- Postprocedure care -- Contraindications -- Side effects and their management -- Summary -- References -- Chapter 6 Treatment of Acne and Acne Scars with Microneedling -- Background -- Acne and its prevalence -- Etiology of acne and pathogenesis of acne scars -- Pathogenesis of acne scars -- Epidemiology and types of acne scars -- Description of various interventions -- Microneedling treatment -- Procedure -- Various types of microneedling devices -- Home-care dermaroller -- Fractional radiofrequency microneedling -- Light emitting microneedling device -- Microneedle delivery systems -- Discussion -- Conclusion -- References -- Chapter 7 Microneedling and Platelet-Rich Plasma (PRP) -- Introduction -- Platelet-rich plasma - what is it? -- Combination therapy -- History of Prp -- The prp microneedling procedure -- Indications -- Acne scars -- Alopecia -- Platelet-rich plasma - monotherapy and alopecia treatment -- Microneedling -- Combination of microneedling and Prp -- Combination therapy: alopecia areata treatment -- Conclusion -- References -- Index -- EULA.
