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Tattooing breaches the skin and can, therefore, cause a variety of complications. This book covers the full spectrum of issues clinical practitioners may encounter when treating affected patients. Introductory chapters include educational information on methods for tattooing, types of tattoos, tattoo inks, and tattoo ink toxicology. The focus is on the diagnosis and classification of tattoo complications. In this regard, a comprehensive atlas of acute and chronic complications serves as a valuable tool. Further chapters summarize available therapies, their rationale, and indication. This includes various medical and surgical treatments with a review of dermatome shaving. Lastly, tattoo removal by gold standard YAG lasers and the more recent pico-second lasers is discussed with the optimal therapeutic outcome in mind.

Dermatologists, plastic surgeons, general practitioners, laser surgeons, and other specialists treating tattoo complications will find this book to be an indispensable resource. It also includes information relevant for a broad range of stakeholders in the tattoo business, including authorities and regulators.

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In the last decades, several in vitro and in vivo studies have revealed the existence of a very complex network between the neuroendocrine and immune system. Important molecular mechanisms underlying these interactions, in both physiological and pathological conditions, have also been described. Indeed, hormones play a pivotal role in the development and functional regulation of the immune system — both innate and acquired responses. Immune system cells present specific hormone receptors and themselves produce some hormones, thus influencing hormone secretion. More recently, the modulation of hormone secretion has been attempted for treating associated autoimmune disorders, further supporting the strong interplay between the endocrine and immune system.

Distinguished experts, who have published extensively in their fields, have contributed comprehensive chapters to this volume. The focus is on the various aspects of endocrine-neuro-immune connections, providing an updated panorama — from basics to clinical applications — of current knowledge and still debated issues.

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'An interdisciplinary update'


Tattooed Skin and Health

Editors
Jørgen Serup
Nicolas Kluger
Wolfgang Bäumler

With about 10–20% of the adult population in Europe being tattooed, there is a strong demand for publications discussing the various issues related to tattooed skin and health. Until now, only a few scientific studies on tattooing have been published. This book discusses different aspects of the various medical risks associated with tattoos, such as allergic reactions from red tattoos, papulo-nodular reactions from black tattoos as well as technical and psycho-social complications, in addition to bacterial and viral infections. Further sections are dedicated to the composition of tattoo inks, and a case is made for the urgent introduction of national and international regulations.

Distinguished authors, all specialists in their particular fields, have contributed to this publication which provides a comprehensive view of the health implications associated with tattooing. The book covers a broad range of topics that will be of interest to clinicians and nursing staff, toxicologists and regulators as well as laser surgeons who often face the challenge of having to remove tattoos, professional tattooists and producers of tattoo ink.

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An interdisciplinary update

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