

Alessio Redaelli

BOTULINUM TOXIN A IN AESTHETIC MEDICINE

FACIAL AND BODY INDICATIONS

Basic Principles and Clinical Practice

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Officina Editoriale Oltrarno

BOTULINUM TOXIN A IN AESTHETIC MEDICINE FACIAL AND BODY INDICATIONS

BASIC PRINCIPLES AND CLINICAL PRACTICE

Third Edition revised and updated

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*Again, to my wife, SUSANNA, with affection and gratitude
for enduring my harassment and sleepless nights!*

Alessio Redaelli

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Facial and body indications

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THIRD EDITION REVISED AND UPDATED

Contributors:

Braccini F, Foster K, Galadari H, Kreiden O,
Landau M, Lerro F, Payne C R,
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PRESENTATION



MICHEL DELUNE MD
LAGUNA NIGUEL,
CALIFORNIA, USA

I have known Dr. Alessio Redaelli for fifteen years. I admire his energy and devotion in writing books on Botulinum Toxin and Medical Rhinoplasty

This third edition of “Botulinum Toxin A in Aesthetic medicine” shows Dr. Redaelli’s depth of expertise in Aesthetic Medicine, making him a real master in the art of facial rejuvenation. He truly is a “guru” in Botulinum Toxin.

Dr. Redaelli is a senior advisor in injectables for the American Academy of Aesthetic Medicine (AAAM). His teaching methods make him one of our five star teachers who contributed to our certification program gaining worldwide recognition, and also made him popular with his students. Personally, I have always admired his honesty with his colleagues and his patients. One day, he shared with me his philosophy. He wants to be practical with his students. He always says “Don’t show me how good a doctor you are, but show me how you do it without reticence or secrets”. He has always understood that the best way to teach is to share with students your good days and bad days. This is so true and full of wisdom.

I have read many professional books in my life but very few are as didactic and unbiased than this one. “Botulinum Toxin A in Aesthetic medicine” is very easy to read and full of tips that only Dr Redaelli is able to share thanks to his wide experience in this field. This third edition is testament to his devotion to ongoing learning, and includes knowledge gained through his own continuous experience, and from that of his colleagues. Since he is teaching all over the world, among the five continents, he is an expert in customizing Botulinum Toxin treatment to different ethnic groups. His experience uniquely qualifies him to write a book that addresses any doctor in the world. This book cannot be overlooked for any physician practicing Aesthetic Medicine, from the beginner to the most experienced.

Thank you so much dear Alessio in sharing your unique knowledge and experience in Botulinum Toxin with all of us.

Michel Delune MD
President, American Academy of Aesthetic Medicine

PRESENTATION

NATALIA MANTUROVA MD
MOSCOW, RUSSIA



It was a great news for me to know about publishing of the third edition of Botulinum Toxin A in aesthetic Medicine: basic principles and clinical practice written by Dr. Alessio Redaelli. I was privileged to know Alessio for a long time.

He is well known in Russia for his deep expertise and unique approach in cosmetology. He regularly visits the institute of plastic surgery and cosmetology in Moscow to share his experience at personal master-classes. In this edition Alessio gives his recommendations for cosmetologists' day-to-day practice.

I am convinced that all aestheticians will benefit from applications of his new methods, which stand out for their innovativeness.

This edition will be especially helpful for practicing doctors thanks to detailed drawings and informative illustrations.

Congratulations to Dr. Alessio for this outstanding work! It was a great news for me to know about publishing of the third edition of Botulinum Toxin A in aesthetic Medicine: basic principles and clinical practice written by Dr. Alessio Redaelli. I was privileged to know Alessio for a long time.

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Congratulations to Dr. Alessio for this outstanding work!

Natalia Manturova, MD

Ph.D., Professor, Chief External Plastic Surgeon of the Ministry of Health of the Russian Federation, Chief of the Department of Plastic & Reconstructive Surgery, Cosmetology and Cell Technologies of Pirogov Russian National Research Medical University

PRESENTATION



UWE WOLLINA MD
DRESDEN, GERMANY

Botulinum toxin type A (BoNTA) has become a working horse in aesthetic dermatology with a focus on facial rejuvenation and sculpturing. The substance is safe and effective, and the number of applications is increasing continuously every year.

The use of bonta, however, demands a detailed knowledge of facial anatomy, pharmacology, and ageing. The beginner in the field needs a master to be introduced in the art of bonta for facial aesthetics. What looks quite easy, is indeed highly sophisticated.

Alessio Redaelli is an internationally appraised master of the topic. This is the 3rd edition of his masterpiece "botulinum toxin a in aesthetic medicine".

The book includes a detailed description of the anatomy to avoid unwanted side effects and to better understand the background of unsightly facial appearance. The author pinpoints to the absolute necessity of an individually tailored approach. He provides a masterplan of injection point techniques and dosages

The book offers a magnanimous illustration with colored pictures. Every aesthetic unit gains an undivided attention. All chapters include also long-term follow-ups, what is a clear advantage. The book is completed by core points for beginners and discussion of frequent mistakes in order to avoid them from the very beginning. References suggest further readings.

I wish this book a wide distribution. May it encourage those who are newcomers in the aesthetic field and make their steps in to the topic successful. It is a great book from professional practice for practice!

Uwe Wollina MD
Director of the Department of Dermatology and Allergology,
Städtisches Klinikum of Dresden

INTRODUCTION TO THE 3RD EDITION

Dear colleagues and friends,

A few years have passed since the publication of my second edition and the book has sold out, so my editor asked me to publish a revised and corrected third edition.

What to say! An unexpected success that makes me very pleased, of course, and very happy because in the recent few years, the use of botulinum toxin has radically changed!

The anatomical knowledge has improved in an exponential manner and the small details, not completely clear until a little time ago, have been clarified, thanks to the numerous anatomical master classes of cadaver dissection, extremely important to understanding where and at what level the injections need to be performed!

The knowledge of clinical anatomy has very much improved as has the way to study the patients in order to understand the different muscles that are involved with their mutual synergies that will determine the different pattern of movement, all treatable with different final units.

I changed many details of the utmost importance on the injection technique, which determined a great improvement of the results, of mine and the patients' satisfaction, that I want to translate into the satisfaction of fellow aesthetic physicians and users of this wonderful medicine in the field of the aesthetic medicine.

I have therefore improved (in my opinion) some fundamental chapters like the anatomical one or the ones on clinical anatomy and practical treatment of the patients.

We have added many videos in the practical section and many anatomic studies that can be useful and preparatory to deeply understand the details in order to treat the patients with a better awareness and knowledge.

I have kept unchanged my usual philosophy of practicality following the said: "Don't show me how good a doctor you are but let me see how you get your results!"

And this is what I still ask to my co-authors, all very good, expert and very skilled in obtaining very good results with innovative techniques and explained in detail.

I hope, therefore, this time also to have guessed the right layout, practical but with clear, exhaustive explanations, and with anatomical but especially clinical thorough references, which will make you say, I hope: "Yes! How haven't I thought of it before!"

What to say then: enjoy reading this book, even to those who had purchased the previous editions, because many are the changes and I hope that all readers will appreciate the updated work that makes, in my opinion, this edition interesting and worthy to be read, to find help for every day, for those who work in the field and sometimes have doubts that I hope this book will solve.

As always, I'm open to any criticism and I hope to find you all for a fourth edition of future!

Alessio Redaelli

THE AUTHOR

Redaelli Alessio

Graduated in Medicine and Surgery at the University of Milan in 1979 and specialized in Vascular Surgery at the same University in 1984 with highest honours. Dr. Redaelli is senior faculty Member of the American Academy of Aesthetic Medicine. He was Professor a.c. at the University of Padua for the course Master of "Aesthetics of oral and perioral tissues".

He is scientific Director of Vallex-Russia.

Leader Trainer for Florga and Ipsen all over the world and lecturer and Chairman in main international world congresses.

Chairman and scientific director of IPAM Congress.

Published more than 28 scientific articles.

He is the author of many books:

- *La Medicina Estetica" published by the SEE-Editrice Florence, 2009*
- *Medical Rhinoplasty: basic principles and clinical practice published by OEO Florence, 2015 2nd edition*
- *Facial Aging Medical, surgical and odontostomatological solutions OEO Florence 2017 2nd edition*
- *Aesthetic Medicine for the Perioral area, OEO Florence 2016*
- *Mesotherapy. Basic principles and clinical practice. OEO Florence 2017*



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PART IV - SIDE EFFECTS

CHAPTER 12

SIDE EFFECTS ENCOUNTERED IN RECENT YEARS

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