

Juarez M. Avelar
Editor

Breast Surgery



Aesthetic Approaches

Juarez M. Avelar
Editor

Breast Surgery

Aesthetic Approaches

Editor

Juarez M. Avelar
São Paulo, SP
Brazil

ISBN 978-3-319-54114-3 ISBN 978-3-319-54115-0 (eBook)
<https://doi.org/10.1007/978-3-319-54115-0>

Library of Congress Control Number: 2017961512

© Springer International Publishing AG 2018

This work is subject to copyright. All rights are reserved by the Publisher, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other physical way, and transmission or information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed.

The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

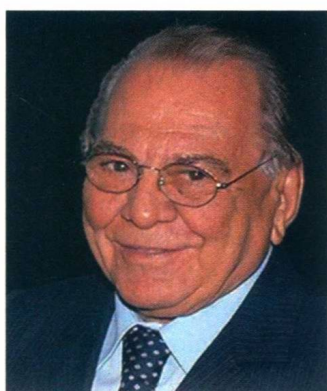
The publisher, the authors and the editors are safe to assume that the advice and information in this book are believed to be true and accurate at the date of publication. Neither the publisher nor the authors or the editors give a warranty, express or implied, with respect to the material contained herein or for any errors or omissions that may have been made. The publisher remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Printed on acid-free paper

This Springer imprint is published by Springer Nature
The registered company is Springer International Publishing AG
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

Breast Surgery

Tribute to Prof. Ivo Pitanguy



I dedicate this book to Prof. Ivo Pitanguy for his superb work over the course of 56 years devoted to the improvement of plastic surgery. Besides being an outstanding and talented surgeon, he promoted the specialization of more than 500 new plastic surgeons from all over the world, at a high level of qualification. His remarkable scientific contributions undoubtedly provide important support in every field of plastic surgery. In particular, Prof. Pitanguy developed a new technique for mastoplasty without cutaneous undermining,

through kill resection of the mammary gland without dead space, with a minimal rate of complications during and after surgery. Because of several advantages, his technique is well known by plastic surgeons all over the world. Following the surgical principles of Prof. Pitanguy's technique, several plastic surgeons have developed new approaches that represent important advances in mastoplasty. For all these reasons, I am immensely thankful to Prof. Pitanguy, recognizing his important presence in my life. I dedicate this book to him, with the participation of 39 Brazilian plastic surgeons.

It was an honor and privilege for me to have been trained by Prof. Pitanguy, who opened a wide horizon in my life, giving me wonderful opportunities and the possibility of realizing my dream of being a doctor. As well as helping in my professional activity, Prof. Pitanguy also encouraged in my soul a fantastic motivation and inspired me in the scientific field, making me constantly search for more knowledge through dedicated research.

Juarez M. Avelar, M.D.

Foreword I

Dr. Juarez Avelar, during his specialization in our post-graduate course, showed a great curiosity for difficult problems, whether in ear deformities or other cases.

The hypertrophic breast is frequently encountered in our practice, causing an unpleasant series of functional problems that demand from the plastic surgeon an approach that can achieve satisfactory results with a minimum rate of complications. Juarez realized the benefits of the new techniques that we were developing and examines these and others in this book. However, he leans toward the technique, without undermining others, involving determination of the point "A" as a basic marking element, and other details that he shows clearly in this book.

In this book, Juarez also studies the progress of breast surgery, giving credit to the many authors who cooperated in developing different approaches, allowing accurate procedures for a variety of breast deformities. This book definitely deserves assessment by plastic surgeons engaged in body contour approaches, in particular for mastoplasty procedures. Its coverage is especially valuable for obtaining good results without many complications. I congratulate Dr. Juarez for outstanding editorial work in producing this important book.

Ivo Pitanguy, M.D.

Pontifical Catholic University of Rio de Janeiro

Rio de Janeiro, RJ, Brazil

Carlos Chagas Institute of Post-Graduate Medical Studies

Rio de Janeiro, RJ, Brazil

Brazilian Society of Plastic Surgery

São Paulo, SP, Brazil

American Society of Aesthetic Plastic Surgery

New York, NY, USA

International Society of Aesthetic Plastic Surgery

Hanover, NH, USA

Foreword II

“This is the spirit that Beauty must ever induce: wonderment and a delicious trouble, longing and love and a trembling that is all delight” (Plotinus 23, [Ennead 1, 3]).

It is with great pleasure that I have been asked to write the foreword for Dr. Juarez Avelar’s book on breast surgery. Dr. Avelar is a highly respected Brazilian plastic surgeon who pioneered (in the 1990s) the procedure of lipoabdominoplasty, which preserves the blood vessels of the upper abdominal wall flap during abdominoplasty. He is proliferative in authoring books on plastic surgery, such as *Creation of the Auricle* and *New Concepts on Abdominoplasty and Further Applications*, as well as journal articles and book chapters.

Dr. Avelar’s new book entitled *Breast Surgery: Aesthetic Approaches* is innovative in subjects such as general information for breast surgery, surgical options for reduction breast surgery, aesthetic reparation of breast and chest wall deformities, mastopexy, and breast augmentation. Chapters include “Importance of Pitanguy’s Technique for Evolution of Aesthetic Breast Surgery,” “Reduction Mammoplasty in a Single Central Block,” “Technical Systemization in Mammoplasty,” “New Mastoplasty with Superior and Inferior Pedicles,” “Mammoplasty Through Periareolar Approach,” “Critical Analysis Concerning Mammary Prosthesis,” and “Importance of Regenerative Medicine on Breast Augmentation.” The contributors are expert Brazilian plastic surgeons with new knowledge and techniques.

This book is intended for plastic surgeons, cosmetic surgeons, general surgeons, and any surgeon performing aesthetic breast surgery. Young surgeons, experienced surgeons, and advanced breast surgeons can learn a variety of techniques and approaches to breast surgeries from the 60 chapters.

Tustin, CA, USA

Melvin A. Shiffman, M.D., J.D.

Preface

Publishing this book is an accomplishment of my professional desire to present the new techniques described by Brazilian plastic surgeons following the fundamental surgical principles and knowledge introduced by Prof. Pitanguy. In fact, a new era began in this field when Prof. Pitanguy described his novel concepts in reduction mastoplasty.

In 1980, when Prof. Jorge Psillakis and I organized the Brazilian Symposium on Breast Surgery in São Paulo, I wondered about printing a collection of contributions in this fascinating area, including several important new procedures created and developed by outstanding plastic surgeons. Some years later, I tried again to complete this work, but for unexpected reasons it was not possible. Therefore, this book represents the achievement of my dream of 37 years. It gives me special pleasure to offer readers a very wide collection of the new techniques presented at that scientific event, which represent the updated improvements in aesthetic breast surgery. I was still a young surgeon, but my mind was full of imagination and the determination to make a definitive register of new approaches to aesthetic procedures in breast surgery. Unfortunately, several of my colleagues who took part in the scientific program of that symposium are no longer with us, but I investigated their remarkable contributions and invited other plastic surgeons to write about their techniques. Besides Prof. Ivo Pitanguy, who passed away in August 2016, other authors of useful techniques left their contributions: Arié, Aleixo Sepulveda, Costa Lima, Peixoto, and Pigossi. Therefore, this publication describes modern methods that can improve plastic surgeons' aesthetic results after breast operations.

Basically, there are three main groups of techniques: (a) those that find a balance between the dimension of final scars and the shape and size of the breast after mastoplasty; (b) creation of glandular flaps that are sutured to model the breast during operation; and (c) a combination of both previous groups, which requires knowledge, good sense, and the ability to reshape the breasts in harmony with body contouring and with adequate symmetry between them.

Regarding the first group of techniques, the surgeon should not damage the final shape of the breasts in the quest for reduced and small surgical scars. I advocate that the size and form of the breasts are the main aspects for consideration after aesthetic mastoplasty. Usually, such criteria are similar to the patient's analysis. Reduced scars during operation must be a constant goal for every surgeon, as they do not jeopardize the final shape of the breasts.

Considering the second group of techniques, in which glandular flaps are created, it is a fundamental surgical principle to preserve adequate blood supply in order to avoid any risk of slough or even necrosis of mammary tissue. Readers should observe the technical descriptions given by the authors, particularly concerning complications after operations, each of which are mentioned.

The third group of methods, which is a combination of creation of mammary flaps and reduced surgical scars, require the surgeon to have good sense in order to avoid minor (or major) complications during and after surgery. Such aspects are achieved according to the knowledge, ability, and experience of the surgeon after performing a considerable number of breast operations.

Nevertheless, plastic surgeons should search continuously for new solutions to improve their results, always using their talent and stimulating their creativity to solve each problem as it comes up during an operation.

In conclusion, the main reason for publishing this book is to offer a unique opportunity to read meticulous descriptions of the personal techniques of 39 outstanding Brazilian plastic surgeons. It is important to emphasize that I invited several other well-known surgeons, but they did not join us in preparing this book. I take this opportunity to express my gratitude to all authors that accepted my invitation to participate with their contributions and to share their knowledge. Plastic surgeons and breast surgeons from all over the world may learn the techniques developed by very well qualified Brazilian specialists. I am sure that this book will introduce updated scientific methodology to the international medical literature.

São Paulo, SP, Brazil

Juarez M. Avelar

Acknowledgments

While I was organizing the Brazilian Symposium on Breast Surgery in 1980, it was my dream to publish a book in which several Brazilian authors described their own techniques for mastoplasty. For various reasons, it was not possible to do this. Now, 37 years later, I have realized my project. Although, unfortunately, some of my colleagues who took part in that scientific program have passed away, it gives me great pleasure to include their contributions. Therefore, I am thankful to Profs. Ivo Pitanguy, Aleixo Sepulveda, Costa Lima, Gerardo Peixoto, and Nelson Pigossi. I also thank very much the 39 authors who have described their useful approaches.

To my parents, Anisio and Maria Ana. Although they are not with me in this world, I continuously feel their presence and I am thankful for their continuous enthusiasm and incentive.

To my loving son Thiago, and my wife Gloria, who have been constant sources of inspiration for this publication and permanent witnesses to my scientific activities.

To Professor Pitanguy, for all the knowledge I have acquired from him and for his constant encouragement of my work. He helped me throughout my professional practice by developing in me great motivation and an enthusiasm for the field of science.

To Dr. Edgar Bolanho, for the very high level of technical illustrations in this book, for the chapters I wrote as well as of other authors.

To the Plastic Surgery Unit at the Surgery Department of Science and Technology at Medical School of Marilia, and the Hospital das Clinicas of Marilia (both in São Paulo State). Professor Helio de Rezende Paoliello Jr. is the head of the Plastic Surgery Unit, who presented me with excellent conditions and support for organizing and publishing this book.

To the Federal University of Rio de Janeiro—UNIRIO and to Prof. Ricardo Cavalcanti Ribeiro, the head of the Plastic Surgery Department for their great assistance and incentive to elaborate and publish this book.

Juarez M. Avelar, M.D.

List of Contributors

Jose Horacio Aboudib, M.D., Ph.D. Plastic Surgery Pedro Ernesto University Hospital, Rio de Janeiro State University Estrada da Gávea, RJ, Brazil

Antonio Carlos Abramo, M.D., Ph.D. Division of Plastic Surgery at General Hospital São Luiz Morumbi, Post Graduate Course in Aesthetic and Reconstructive Plastic Surgery of ACA, Institute of Assistance in Plastic Surgery of São Paulo, Rua Afonso de Freitas, SP, Brazil

Christiane Vigné Alvarez de Abreu, M.D. Hospital of Plastics, Rio de Janeiro, RJ, Brazil

Yolotzin Mendez Aguilar, M.D. Global Plastic Surgery Department, Casa de Saúde Portugal, Universidade Santa Úrsula, Rio de Janeiro, RJ, Brazil

Ataliba Ronan Horta de Almeida, M.D. Sociedade Brasileira de Cirurgia Plástica, São Paulo, SP, Brazil

Plastic Surgery Training Center, Hospital Mater Dei, Belo Horizonte, MG, Brazil

Rafael Andrade Alves, M.D. Brazilian Society of Plastic Surgery, Hospital São Rafael, Salvador, BA, Brazil

Carlo Amaral, M.D. Member of the Plastic and Reconstructive Surgery Department, Ivo Pitanguy, Rio de Janeiro, RJ, Brazil

Plastic Surgery Department, Ivo Pitanguy, Rio de Janeiro, RJ, Brazil

Federal University of the State of Rio de Janeiro (UNIRIO), Rio de Janeiro, RJ, Brazil

Member of Brazilian Plastic Surgeons Society, Hospital Casa de Portugal, Rio de Janeiro, RJ, Brazil

Antonio Carlos Herrmann de Andrade, M.D. Rua Joaquim Floriano, São Paulo, SP, Brazil

Joel Araújo Silva, M.D. Hospital Belo Horizonte, Belo Horizonte, MG, Brazil

Juarez M. Avelar, M.D. Brazilian Scientific Institute of Plastic and Reconstructive Surgery, Alameda Gabriel Monteiro da Silva, São Paulo, SP, Brazil

Latus Sensus in Plastic Surgery, Federal University of the State of Rio de Janeiro, Rio de Janeiro, RJ, Brazil

Member of the Brazilian Society of Writers Doctors (SOBRAMES), São Paulo, SP, Brazil

Plastic Surgery Unit, Marília Medical School, Marília, SP, Brazil

Brazilian Society of Plastic Surgery (1986–87) and (1990–91), São Paulo, SP, Brazil

The International Society of Aesthetic Plastic Surgery (ISAPS), São Paulo, SP, Brazil

Priscilla Balbinot, M.D., M.Sc. Federal University of Paraná, Rua General Carneiro, 188—Hospital de Clínicas, Curitiba, PR, Brazil

Guilherme Cardinal Barreiro, M.D., Ph.D. Brazilian Society of Plastic Surgery, University of Campinas (UNICAMP), São Paulo, SP, Brazil

Roberto D. Basile, M.D. The American Society of Plastic Surgery, Arlington Heights, IL, USA

The Brazilian Society of Plastic Surgery, São Paulo, SP, Brazil

Department of Plastic Surgery, Basile Day Hospital, Ribeirão Preto, SP, Brazil

Adrian Bermudez, M.D. Condomínio Península, Avenida Das Acácias, Rio de Janeiro, RJ, Brazil

Antonio Roberto Bozola, M.D. Regent Cirurgia Plástica da Faculdade de Medicina de São José do Rio Preto, São José do Rio Preto, SP, Brazil

Ryane Schmidt Brock, M.D., M.Sc. Department of Plastic Surgery, The Brazilian Society of Plastic Surgery, Defeitos da Face Studies and Research Center, São Paulo, SP, Brazil

Alberto M.L. Caldeira, M.D., M.Sc., Ph.D., FACS, FICS Global Plastic Surgery Department, Casa de Saúde Portugal, Instituto de Pós-Graduação Médica Carlos Chagas, Universidade Santa Úrsula, Rio de Janeiro, RJ, Brazil

Plastic and Reconstructive Surgery Department, Caldeira-Roth Institute, Ipanema, RJ, Brazil

Humberto Campos, M.D. Bahia School of Medicine and Public Health, Salvador, BA, Brazil

Brazilian Society of Plastic Surgery, São Paulo, SP, Brazil

Sérgio Carreirão, M.D. Brazilian Society of Plastic Surgery (TSBCP), São Paulo, SP, Brazil

Brazilian College of Surgeons (ECBC), Rio de Janeiro, RJ, Brazil

American College of Surgeons (FACS), Chicago, IL, USA

Claudio Cardoso de Castro, M.D. Department of Plastic Surgery, University of the State of Rio de Janeiro, Rio de Janeiro, RJ, Brazil

Barbara de Castro Fonseca, M.D. Hospital of Plastics, Rio de Janeiro, RJ, Brazil

Armando Chiari Jr., M.D., Ph.D. Department of Surgery, Medical School, Federal University of Minas Gerais, Rua Herculano de Freitas, Belo Horizonte, MG, Brazil

Wanda Elizabeth Correa, M.D. Department of Ivo Pitanguy Plastic Surgery, Pontifical Catholic University, Rio de Janeiro, RJ, Brazil

Márcio Paulino Costa, M.D., Ph.D. Brazilian Society of Plastic Surgery, ISAPS, FILACAP, ASPS, Hospital das Clínicas, University of São Paulo Medical School, Santa Cecília, SP, Brazil

Pedro Felipe Suárez Cruz, M.D. Division of Plastic and Reconstructive Surgery, Carlos Chagas Institute, Rio de Janeiro, RJ, Brazil

Miluska Bromley Cueva, M.D. Instituto Ivo Pitanguy, Rio de Janeiro, RJ, Brazil

Instituto de Pós-Graduação Médica Carlos Chagas, Rio de Janeiro, RJ, Brazil

João Erfon, M.D. Department of Surgery, Walter Cantídio Hospital of the Federal University of Ceará, Fortaleza, CE, Brazil

Marco Aurélio Faria Correa, M.D. Dr. Marco Faria Correa Plastic Surgery Pte Ltd, Singapore, Singapore

Angela Maria Fausto Souza, Ph.D. Gynecology Department, Oswaldo Cruz Foundation, Rio de Janeiro, RJ, Brazil

Miriam Fialka, M.D. Plastic Surgery, Clínica Miranda, Curitiba, PR, Brazil

Isabel Vieira de Figueiredo-e-Silva, M.D. Brazilian Society of Plastic Surgery, Carlos Chagas Institute, The American Society of Plastic Surgeons, Rio de Janeiro, RJ, Brazil

Luis Bernardo Froes, M.D. Faculty of Medicine, University of São Paulo, Butantã, SP, Brazil

Giovani Araujo Godinho Filho, M.D. Serviço de Cirurgia Plástica da Santa Casa de Misericórdia de Goiânia, MEC/SBCP, Goiânia, GO, Brazil

Santos Espinal Gómez, M.D. Global Plastic Surgery Department, Casa de Saúde Portugal, Instituto de Pós-Graduação Médica Carlos Chagas, Universidade Santa Úrsula, Rio de Janeiro, RJ, Brazil

Ruth Graf, M.D., Ph.D. Pietà Centro Médico, Hospital de Clínicas—Rua General Carneiro, Curitiba, PR, Brazil

Farid Hakme, M.D. Hospital of Plastics, Rio de Janeiro, RJ, Brazil

Leandro Ramalho Chaves Isobe, M.D. SBCP, Plastic Surgery Medical Team, Hospital Mater Dei, Belo Horizonte, MG, Brazil

Bruna Jacobowski, M.D. Hospital of Plastics, Rio de Janeiro, RJ, Brazil

Carlos Alberto Jaimovich, M.D. Ivo Pitanguy Institute of Plastic Surgery/PUC-RJ Post-graduation University, Rio de Janeiro, RJ, Brazil

Emília Silva Klein, M.D. Hospital Belo Horizonte, Belo Horizonte, MG, Brazil

Andrea Kocsis, M.D. Member of the Plastic and Reconstructive Surgery Department, Federal University of the State of Rio de Janeiro (UNIRIO), Rio de Janeiro, RJ, Brazil

Casa de Portugal, Rio de Janeiro, RJ, Brazil

Célio Ferreira Leão, M.D. Faculdade de Medicina da Universidade Federal de Goiás, Goiânia, GO, Brazil

Escola de Medicina da Pontifícia Universidade Católica de Goiás, Goiânia, GO, Brazil

Serviço de Cirurgia Plástica da Santa Casa de Misericórdia de Goiânia, MEC/SBCP, Goiânia, GO, Brazil

Sociedade Brasileira de Cirurgia Plástica, São Paulo, SP, Brazil

Gheisa Moura Leão, M.D. Escola de Medicina da Pontifícia Universidade Católica de Goiás, Goiânia, GO, Brazil

Serviço de Cirurgia Plástica da Santa Casa de Misericórdia de Goiânia, MEC/SBCP, Goiânia, GO, Brazil

Sociedade Brasileira de Cirurgia Plástica, São Paulo, SP, Brazil

Clínica de Cirurgia Plástica—Allure, Goiânia, GO, Brazil

Célio Coelho Neto Leão, M.D. Hospital of Plastics, Rio de Janeiro, RJ, Brazil

Luis Emilio Fuentes López, M.D. Division of Plastic and Reconstructive Surgery, Carlos Chagas Institute, Rio de Janeiro, RJ, Brazil

André Villani Correa Mafra, M.D. Sociedade Brasileira de Cirurgia Plástica, São Paulo, SP, Brazil

Plastic Surgery Training Center, Hospital Mater Dei, Belo Horizonte, MG, Brazil

SBCP, Plastic Surgery Medical Team, Hospital Mater Dei, Belo Horizonte, MG, Brazil

Walter Marrou Pautrat, M.D. Instituto Ivo Pitanguy/Instituto de Pós-Graduação Médica Carlos Chagas, Rio de Janeiro, RJ, Brazil

Lybio Martire Jr., M.D. University Department of Plastic Surgery, Surgical Technique and History of Medicine, Titular of Brazilian Society of Plastic Surgery, Titular of Federation Ibero Latinoamericana de Cirurgia Plástica y Reconstructiva, Titular of Brazilian College of Surgeons, Fellow of International College of Surgeons, Titular Founder of Brazilian Society of History of Medicine, São Paulo, SP, Brazil

Marcelo Paulo Vaccari Mazzetti, M.D., M.Sc. Department of Plastic Surgery, The Brazilian Society of Plastic Surgery, Defeitos da Face Studies and Research Center, São Paulo, SP, Brazil

Moacyr Pires de Mello Filho, M.D. Cirurgica, De Mello Cirurgia Plástica, São Paulo, SP, Brazil

Marcio Milman, M.D. Gynecology Department, Oswaldo Cruz Foundation, Rio de Janeiro, RJ, Brazil

José Carlos de Miranda, M.D. Plastic Surgery, Clínica Miranda, Curitiba, PR, Brazil

Arnaldo Miró, M.D. Clínica de Cirurgia Plástica e Reparadora Dr. Arnaldo Lobo Miró Ltda, Curitiba, PR, Brazil

Maria Gabriela Moreira Mangles, M.D. Division of Plastic and Reconstructive Surgery of Centro Policlínico Valencia, Valencia, Venezuela

Marcus Vinicius Alfano Moscozo, M.D. Brazilian Society of Plastic Surgery, Hospital São Rafael, Salvador, BA, Brazil

Ibero-Latin American Society of Plastic Surgery, Punta del Este, Uruguay

Roosevelt Santos Oliveira Jr., M.D. Sociedade Brasileira de Cirurgia Plástica, Santos, SP, Brazil

Daniele Pace, M.D., M.Sc. Pietà Centro Médico, Rua Albino Silva, Curitiba, PR, Brazil

Helio Paoliello Jr. Plastic Surgery Discipline, Faculdade de Medicina de Marília (FAMEMA), Marília, SP, Brazil

Ricardo Paoliello, M.D. Plastic Surgery Discipline, Faculdade de Medicina de Marília (FAMEMA), Marília, SP, Brazil

Marcelo Pastor, M.D. Condomínio Península, Avenida Das Acácias, Rio de Janeiro, RJ, Brazil

Vilivaldo Cabral de Paulo, M.D. Avenida Coremas, João Pessoa, PB, Brazil

Oswaldo Pereira, M.D. Clínica Jane Hospital Ilha, Deputado Antonio Edu Vieira, Florianópolis, SC, Brazil

Ivo Pitanguy, M.D. Pontifical Catholic University of Rio de Janeiro, Rio de Janeiro, RJ, Brazil

Carlos Chagas Institute of Post-Graduate Medical Studies, Rio de Janeiro, RJ, Brazil

Brazilian Society of Plastic Surgery, São Paulo, SP, Brazil

American Society of Aesthetic Plastic Surgery, New York, NY, USA

International Society of Aesthetic Plastic Surgery, Hanover, NH, USA

Paulo Roberto Botica do Rêgo Santos, M.D. Gynecology Department, Oswaldo Cruz Foundation, Rio de Janeiro, RJ, Brazil

Waldir Teixeira Renó, M.D. Cirurgia Plástica D'America Clinica, Plastic-Surgeon Santa Casa de Guaratinguetá, Membro Titular da SBCP, Guaratinguetá, SP, Brazil

Flávio Rezende, M.D. Plastic and Reconstructive Surgery, Universidad Federal del Estado de Río de Janeiro, Brazilian Society of Plastic Surgery, Rio de Janeiro, RJ, Brazil

Ricardo Cavalcanti Ribeiro, M.D., Ph.D. Division of Plastic and Reconstructive Surgery of Casa de Portugal, Brazilian Society of Plastic Surgery, Carlos Chagas Institute, Rio de Janeiro, RJ, Brazil

Plastic and Reconstructive Surgery Department, Federal University of the State of Rio de Janeiro (UNIRIO), Rio de Janeiro, RJ, Brazil

Manuel Torreira Rios, M.D. Division of Plastic and Reconstructive Surgery, Carlos Chagas Institute, Rio de Janeiro, RJ, Brazil

Ana Carolina Guimarães Rocha, M.D. Brazilian Society of Plastic Surgery, São Paulo, SP, Brazil

Claudio Mauricio M. Rodrigues, M.D. Unichristus University, Fortaleza, CE, Brazil

Sheyla Maria Carvalho Rodrigues, M.D. Department of Plastic Surgery, University of the State of Rio de Janeiro, Rio de Janeiro, RJ, Brazil

Sergio Romay, M.D. Division of Plastic and Reconstructive Surgery, Carlos Chagas Institute, Rio de Janeiro, RJ, Brazil

Ilson Abrantes Rosique, M.D. Sociedade Brasileira de Cirurgia Plástica, Santos, SP, Brazil

Alessandra Grassi Salles, M.D. Plastic Surgery, Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo, São Paulo, SP, Brazil

Renato Saltz, M.D., FACS Member of the Plastic and Reconstructive Surgery Department, Federal University of the State of Rio de Janeiro (UNIRIO), Rio de Janeiro, RJ, Brazil

Mariangela Santiago, M.D. Brazilian Society of Plastic Surgery, São Paulo, SP, Brazil

International Society of Aesthetic Plastic Surgery, Hanover, NH, USA

Rayssa Sauaia, M.D. Department of Plastic Surgery

Defeitos da Face Studies and Research Center, São Paulo, SP, Brazil

William Seidel, M.D. VIVVA Clínica, Florianópolis, SC, Brazil

Fernando Serra-Guimarães, M.D., Ph.D. Plastic Surgery, Pedro Ernesto University Hospital, Rio de Janeiro State University, Rio de Janeiro, RJ, Brazil

Melvin A. Shiffman, M.D., J.D. Northwestern University, Tustin, CA, USA

Sérgio Levy Silva, M.D. Rua Real Grandeza, Botafogo, RJ, Brazil

Ramil Sinder, M.D. Member of the Brazilian Society of Plastic Surgery, Rio de Janeiro, RJ, Brazil

Irene Coelho de Souza, M.D. Cirurgia Plástica, Clínica Cirúrgica Drs. Irene e Carlos Souza, Belém, PA, Brazil

Vera Tatiana Coelho de Souza, M.D. Cirurgia Plástica, Clínica Cirúrgica Drs. Irene e Carlos Souza, Belém, PA, Brazil

Mário Junqueira Souza, M.D. Serviço de Cirurgia Plástica da Santa Casa de Misericórdia de Goiânia, MEC/SBCP, Goiânia, GO, Brazil

Ewaldo Bolivar de Souza Pinto, M.D. Sociedade Brasileira de Cirurgia Plástica, Santos, SP, Brazil

Priscilla Chiarello de Souza Pinto Abdalla, M.D. Sociedade Brasileira de Cirurgia Plástica, Santos, SP, Brazil

Ana Paula Pimentel Spadari, M.D. Sociedade Brasileira de Cirurgia Plástica, Santos, SP, Brazil

Nuberto H. Teixeira, M.D. Brazilian Society of Plastic Surgery, University of São Paulo Medical School, São Paulo, SP, Brazil

Guilherme Teles, M.D. Defeitos da Face Hospital and Santa Cruz Hospital, Fortaleza, CE, Brazil

Rawlson de Thuin, M.D. Brazilian Society of Plastic Surgery, Carlos Chagas Institute, International Society of Aesthetic Plastic Surgery, Rio de Janeiro, RJ, Brazil

Manuel Antonio Torreira Rios, M.D. Global Plastic Surgery Department, Casa de Saúde Portugal, Instituto de Pós-Graduação Médica Carlos Chagas, Universidade Santa Úrsula, Rio de Janeiro, RJ, Brazil

Johana Buitrago Valderrama, M.D. Division of Plastic and Reconstructive Surgery of Casa de Portugal, Rio de Janeiro, RJ, Brazil

Tiago Almeida Vale, M.D. Serviço de Cirurgia Plástica da Santa Casa de Misericórdia de Goiânia, MEC/SBCP, Goiânia, GO, Brazil

João Francisco Vale Pereira, M.D. Clínica Vale Pereira, Florianópolis, SC, Brazil