Autologous Fat Transfer
Melvin A. Shiffman (Ed.)

Autologous Fat Transfer

Art, Science, and Clinical Practice

Springer
It is with great pleasure that I submit a foreword for this new book.

Many authors have written in detail about fat transplantation; however, experience and education are never enough on any of the cosmetic fields. The first text on fat transplantation by Charles H. Willi dates back to 1926. This means that someone before us understood the importance of autologous resources that we have.

The technique has naturally evolved and has developed in these years. It is of utmost importance for a cosmetic surgeon to know every detail about the techniques: anatomy, metabolism of fat, pharmacology, and eventually the treatment of complications. A simple procedure is not necessarily a procedure that has no complications.

All over the world and all over the centuries beauty has been a great spiritual force and has affected the evolution of civilization.

Nowadays we are going toward an era in which major cosmetic surgical techniques are not so requested anymore. Patients want to stay young; they do not want to become young again!

Fat is a wonderful resource, which can be used for reconstructive purposes or for cosmetic ones.

It is important for any surgeon paving the first steps in this field to study and read and learn every time a bit more in order to have the best results with the least problems.

I congratulate the author and my friend Mel Shiffman for his precious contributions in everything he does.

With great affection

Rome, Italy

Giorgio Fischer
Preface

This book is the most up to date text on autologous fat transfer and includes chapters concerning the history of fat transfer and fat transfer survival, principles of fat transfer, adipose cell anatomy and physiology, guidelines for fat transfer and interpretation of results, subcision and fat transfer, fat transfer to a variety of areas of the body for aesthetic purposes and plastic reconstruction, fat autograft to muscle, complications of fat transfer, and medical legal aspects of fat transfer. Included are chapters on fat transfer for nonaesthetic purposes such as for recontouring postradiation defects, treatment of migraine headaches, treatment of sulcus vocalis, transfer around temporomandibular prosthesis, for skull base repair after craniotomy, and for congenital short palate. There are 63 chapters by international experts with the newest techniques explained in detail.

Fat transfer is now one of the most common aesthetic procedures performed. Use of fat avoids the complications of other fillers, including solid and injectable, both temporary and permanent. Fat for transfer is available on almost all patients so that there is essentially no cost. Local anesthesia and/or tumescent local anesthesia are most commonly used and this increases the safety of the procedure.

The effects of fat transfer are marked, resulting in a younger appearance, completing the three-dimensional correction of the face, and elevating depressions and deficits. Fat transfer may also prevent excessive fibrosis in noncosmetic applications.

The techniques have improved allowing better volume retention of fat. Many procedures in fat transfer are discussed and described so that the reader will have a better understanding of the procedure and should be able to perform fat transfer avoiding many of the complications.

Much of the improvement in fat transfer to the liposuction technique can be attributed to the contribution of liposuction by Fischer that was first reported in 1975 [1] and the many surgeons who contributed to the advances improving fat retention and safety. The history of fat transfer is replete with attempts to make fat transfer a viable procedure and to improve the techniques to increase the percentage of retention.

The improvements of fat transfer have been through the contributions of surgeons in many specialties. We should recognize these international specialists who have spent their efforts in making fat transfer a viable procedure in aesthetic surgery.

References


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