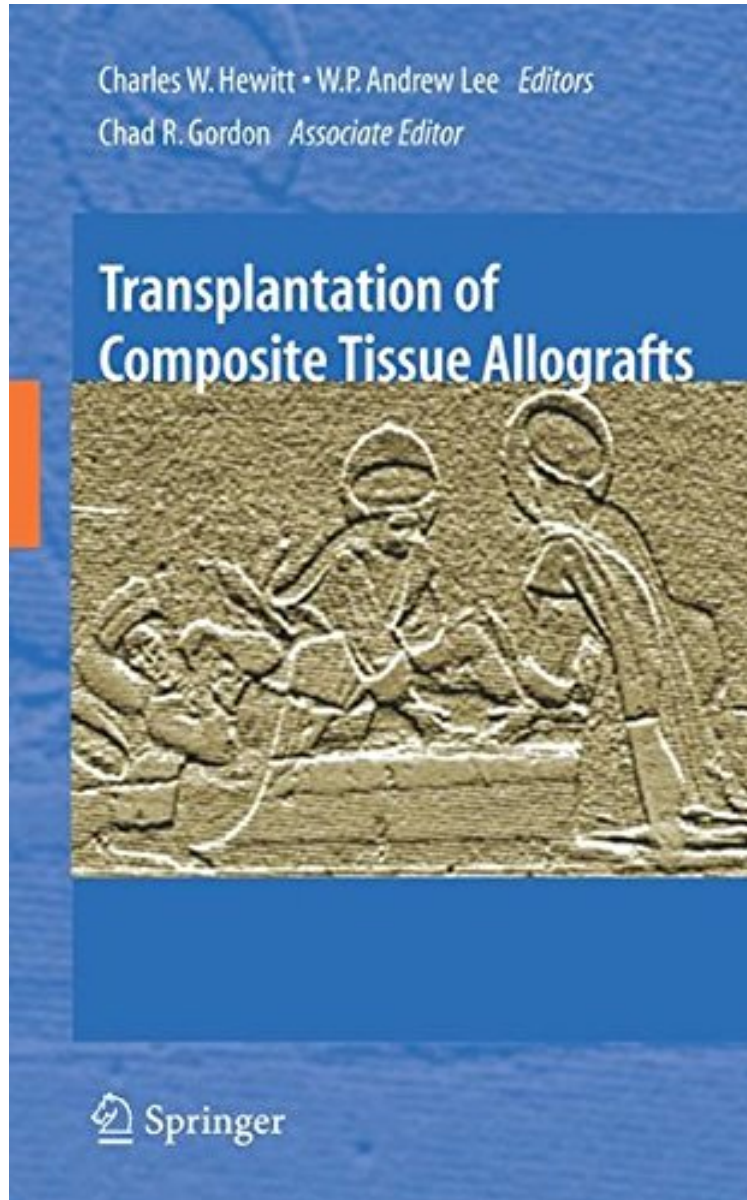


Transplantation of Composite Tissue Allografts

From Chad R Gordon

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#5603659 in Books Chad R Gordon 2007-12-18 Original language: English PDF # 1 9.53 x 1.09 x 6.18l, 1.82
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From Chad R Gordon : Transplantation of Composite Tissue Allografts before purchasing it in order to gage whether or not it would be worth my time, and all praised Transplantation of Composite Tissue Allografts:

This brilliant synthesis summarizes all of the recent accomplishments as well as the ongoing research in the field of composite tissue transplantation. It includes sections on hand transplantation and vascularized bone marrow transplantation. The volume focuses on immunology and the biotechnology/bioengineering aspects of transplantation surgery, as those two areas have demonstrated the most growth within the last five years in terms of current research.

PRINTED IN THE JULY 2008 ISSUE OF ANNALS OF PLASTIC SURGERY Hewitt CW, Lee WPA, Gordon CR, eds. *Transplantation of Composite Tissue Allografts*. New York: Springer; 2008, 498 pp, \$169.00. Some books are indispensable to their times. Forty years ago, plastic surgeons were redefining many surgical problems and much of their surgical thinking into more rigorous biologic concepts of wound healing. Peacock and Van Winkle published their *Surgery and Biology of Wound Repair* in 1970,¹ and provided the fundamental text for that evolutionary period. I believe that *Transplantation of Composite Tissue Allografts* is, likewise, an indispensable book for the developing era of reconstructive transplantation. This field should broadly engage reconstructive plastic surgeons. While organ transplantation, though clinically pioneered by Nobel-laureate plastic surgeon Joseph Murray, could readily move into the realm of general surgery technique, composite transplantation of limbs and facial units will necessarily demand the skills of microsurgery, peripheral nerve surgery, and reconstructive surgery provided by plastic surgeons. Plastic surgeons who hope to participate in these developments (or even intelligently follow them) should read this book. The book is a multi-authored text, but it is a competently organized one, with good coordination of contributions and minimal redundancy. Current biologic concepts and clinical application of composite tissue transplantation are presented with detail and intelligent interpretation. The section on immunosuppression and tolerance are excellent summaries of these experimental concepts and current clinical applications. The persistent hazards of immunosuppression and the elusiveness of induced tolerance are honestly summarized. Thorough descriptions of immunosuppressive agents and immunologic strategies are valuable parts of these sections. The clinical summaries of composite tissue transplants to date illustrate the potentials and problems of these procedures. I began reading this volume with the opinion that single hand transplants have been a bad idea so far, with questionable functional outcomes, immunosuppression complications, rejection episodes that could lead to chronic rejection syndromes, and out-right failure associated problems of patient selection and support.² Reading this book did not change my mind. This reading, however, further impressed me with the utility of the bilateral hand transplant procedures. Careful analysis of transplantation cases as presented in this book will be the invaluable basis for judging clinical results and projecting applications in the future of reconstructive transplantation. I congratulate the editors and authors on the timely and well-executed volume. I recommend it highly. William C. Lineaweaver, MD Editor

REFERENCES [<http://ovidsp.tx.ovid.com.libproxy2.umdnj.edu/spb/gifs/ftup.gif>] 1. Peacock E, Van Winkle W. *Surgery and biology of wound repair*. Philadelphia: Saunders; 1970. [Context Link] 2. Lineaweaver W. Chronic rejection, hand transplantation, and the monkey's paw (editorial). *Microsurgery*. 2006;26:419. Bibliographic Links [Context Link] From the Back Cover This book reviews, updates, and synthesizes the recent accomplishments and ongoing research in the field of composite tissue allotransplantation (CTA). The volume focuses on the immunology, biotechnology, and bioengineering of CTA, as these areas have demonstrated the most growth within the field in the last five years. The text presents the entire scope of CTA in a comprehensive format. This effort details the state-of-the-art advances in CTA and includes the numerous accomplishments of premier scientists and physicians from around the world engaged in the field. Significant advancements in the evolution of CTA are detailed from the historic legend of "Cosmas and Damian" through the most recent controversial topics of hand and face transplantation. *Transplantation of Composite Tissue Allografts* is an ideal and valuable resource for a diverse group of physicians, scientists, researchers, residents, and students. This book will both inform and excite all who are interested in helping patients benefit from transplantation of composite tissue allografts. About the Editors: Dr. Charles W. Hewitt is Professor of Surgery at Robert Wood Johnson Medical School and Director of the Division of Surgical Research, University of Medicine and Dentistry of New Jersey/Cooper Health System in Camden, New Jersey. Dr. W.P. Andrew Lee is Professor of Surgery and Orthopedic Surgery and Chief of the Division of Plastic Surgery at the University of Pittsburgh School of Medicine in Pittsburgh, Pennsylvania. Dr. Chad R. Gordon is currently serving as Chief Resident in the Department of Surgery at Robert Wood Johnson Medical School/Cooper University Hospital in Camden, New Jersey. About the Author: Dr. Charles W. Hewitt is Professor of Surgery at Robert Wood Johnson Medical School and Director of the Division of Surgical Research, University of Medicine and Dentistry of New Jersey/Cooper Health System in Camden, New Jersey. Dr. W.P. Andrew Lee is Professor of Surgery and Orthopedic Surgery and Chief of the Division of Plastic Surgery at the University of Pittsburgh School of Medicine in Pittsburgh, Pennsylvania. Dr. Chad R. Gordon is currently serving as Chief Resident in the Department of Surgery at Robert Wood Johnson Medical School/Cooper University Hospital in Camden, New Jersey.