



Journal of
Clinical Medicine

IMPACT
FACTOR
3.0

Indexed in:
PubMed

CITESCORE
5.7

Special Issue Reprint

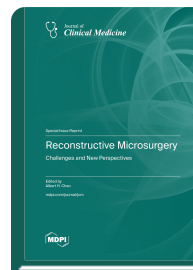
Reconstructive Microsurgery: Challenges and New Perspectives

www.mdpi.com/books/reprint/9425

Edited by
Albert H. Chao

ISBN 978-3-7258-1455-8 (Hardback)

ISBN 978-3-7258-1456-5 (PDF)



The subspecialty of reconstructive microsurgery utilizes microsurgical techniques to allow surgeons to operate on the smallest of structures, including vessels, lymphatics, and nerves. Traditionally, these procedures have been used by microsurgeons to reconstruct complex tissue defects through the use of free tissue transfer, which involves the transfer of tissue (free flaps) between distant anatomic sites on the body. As the field has advanced, microsurgical techniques have been applied to even smaller structures, opening the door for new procedures, such as lymphatic reconstruction in the management of lymphedema and new types of free flaps. In addition, refinement in the technique has allowed microsurgeons to now perform many of these procedures with minimal donor site morbidity. Lastly, trends in plastic and reconstructive surgery have also resulted in the more widespread use of other applications for microsurgery, such as gender-affirming surgery and vascularized tissue allotransplantation. In this Special Issue, the latest research in reconstructive microsurgery is presented, including in the areas of microsurgical technique, robotic microsurgery, and program development.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/9425

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.