

Special Issue

Latest Trends in Reconstructive Microsurgery: From Modification to Innovation

Message from the Guest Editors

In the plastic surgery field, there has been a clear trend over the last few years toward the use of microsurgical techniques. Many factors have contributed to this process, ranging from the development of more precise instruments to higher-resolution imaging evaluations and an improved understanding of anatomy and physiology. In certain respects, the advent of perforator-based flaps was revolutionary, overcoming most of the limits of previous autologous reconstructive procedures. Further technical progress resulted in supermicrosurgery, which offers even more opportunities, and we now have the possibility to safely manipulate even the smallest vessels, such as the lymphatic vessels. Nowadays, lymphatic surgery also represents the latest evolution in the reconstructive field, with the purpose of treating and also preventing long-term sequelae. The purpose of this Special Issue is to present and discuss the latest trends in the reconstructive microsurgery field, including lymphedema surgery and supermicrosurgery, as well as new technologies and tools employed in this setting.

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Deadline for manuscript submissions

closed (10 January 2023)



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 3.3
Indexed in PubMed



mdpi.com/si/102078

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