

Microsurgery 101

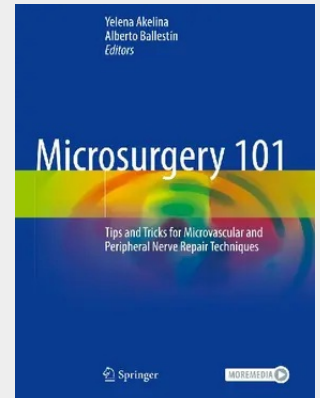
Tips and Tricks for Microvascular and Peripheral Nerve Repair Techniques

This book is a detailed teaching manual for training in microvascular and peripheral nerve surgery with step-by-step instructions using high-quality pictures and videos. It consists of valuable practical tips and tricks that are explained in detail to the readers, making it a useful tool for both inexperienced and experienced practitioners looking to improve their skills.

Microsurgery has diverse clinical applications across multiple medical specialties. It is commonly employed in reconstructive surgery to address tissue defects following trauma, oncological resections, or congenital anomalies, utilizing precise procedures to reattach small blood vessels and nerves. This includes the replantation of amputated body parts such as fingers or hands, as well as the reconstruction of complex defects in the head and neck region, upper and lower extremities and breast among others. Microsurgical techniques are also crucial in nerve repair surgeries to restore function and sensation after trauma but as well in facial reanimation procedures to address paralysis; meanwhile lymphaticovenous anastomosis and vascularized lymph node transfers are useful procedures to treat or prevent lymphedema. Overall, microsurgery represents a cornerstone in modern medicine, offering innovative solutions for a wide range of clinical challenges.

is a unique guidebook for medical students, residents, fellows, and practicing surgeons from multiple specialties: plastic, hand and orthopedic, maxillofacial, head and neck, neurosurgery, transplant, ophthalmology, pediatric, cardiovascular, urology, gynecology, vascular, general surgery and veterinary surgery.

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