

1. Record Nr.	UNINA9910828002603321
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Titolo	Microsurgical basics and bypass techniques // Evgenii G. Belykh [and three others]
Pubbl/distr/stampa	New York, NY : , : Thieme, , [2020] ©2020
ISBN	1-63853-476-4 1-62623-531-7 1-68420-434-8
Edizione	[First edition.]
Descrizione fisica	1 online resource (150 pages) : illustrations
Collana	Fundamental Skills in Neurosurgery Series
Disciplina	617.059
Soggetti	Microsurgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The philosophy of microsurgical practice : four founding principles inherited from the great thinkers / Evgenii Belykh and Peter Nakaji -- Day 1: The organization of the microsurgical laboratory : necessary tools and equipment / Evgenii Belykh, Nikolay L. Martirosyan, and Mark C. Preul -- Day 2: Dry-laboratory microsurgical training : techniques and manual skills / Evgenii Belykh and Nikolay Martirosyan -- Day 3: Wet-laboratory microsurgical training : basic principles for working with laboratory animals / Evgenii Belykh and Nikolay L. Martirosyan -- Day 4: Exercise set 1: basic arterial anastomoses / Evgenii Belykh and Nikolay L. Martirosyan -- Day 5: Exercise set 2: deep field anastomoses and complex vascular reconstructions / Evgenii Belykh and Nicolay L. Martirosyan -- Day 6: Exercises: kidney autotransplantation, supermicrosurgery, and aneurysm clipping / Evgenii Belykh and Nikolay L. Martirosyan -- Day 7: Models for microneurosurgical training and schedules for training / Evgenii Belykh -- Possible bypass errors / Evgenii Belykh and Peter Nakaji -- Translation of laboratory skills : indications for bypass in neurosurgery / Evgenii Belykh, M. Yashar S. Kalani, and Peter Nakaji -- Case examples of cerebrovascular bypass / M. Yashar S. Kalani, Ken-ichiro Kikuta, and Evgenii Belykh.
Sommario/riassunto	"All neurosurgeons must undergo rigorous training in the laboratory

and practice bypass techniques repetitively before performing microneurosurgery on a patient. *Microsurgical Basics and Bypass Techniques* by Evgenii Belykh, Nikolay Martirosyan, and M. Yashar S. Kalani is a comprehensive yet succinct manual on fundamental laboratory techniques rarely included in clinical textbooks. The resource simplifies repetitive microsurgical practice in the laboratory by providing a menu of diverse, progressively challenging exercises. Step-by-step instructions accompanied by easy-to-understand illustrations, expert commentary, and videos effectively bridge the gap between laboratory practice and operating room performance. The book starts with an opening chapter on four founding principles of microsurgical practice inherited from great thinkers and concludes with a chapter featuring cerebrovascular bypass cases. Chapters 2-8 offer a complete one-week curriculum, with a different lab exercise each day, focused on learning basic microsurgery skills"--

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