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Autore	Hong Joon Pio
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Altri autori (Persone)	LeeBernard T HayashiAkitatsu ViscontiGiuseppe
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Nota di contenuto	Introduction -- Imaging the ultimate Game Changer in Reconstructive Microsurgery -- Modalities focused on technical aspects -- Hand Held Doppler Raphel Sinna -- CT angiogram Jaume Masia -- MR angiogram JV Vasile JL Levine -- MR lymphangiogram Peter Neligan -- Ultrasound Andreas Kehrer -- Ultrahigh frequency ultrasound Akitatsu Hayashi -- Thermogram Hallock -- Augmented reality Nicolas Peirrera -- ICG David Chang -- Application for reconstructive surgery will review all applicable modalities for these flaps which is the most valuable modality -- Evaluation of overall circulation of the lower limb Joon Pio Hong -- Finding and selecting recipient vessels John Pak -- Thinning the flaps Superthin ultrathin and pure skin flaps Hidehiko Yoshimatsu -- Postoperative application Bernard Lee -- Designing Perforator flaps -- TDAP ICAP: Giuseppe Visconti -- ALT Roman Skoracki -- SCIP Peter Suh -- DIEP Tomoyuki Yano -- MSAP JW Choi -- Application for lymphedema surgery -- Finding functioning lymphatic vessels Alessandro Bianchi -- Finding the ideal vein Giuseppe Visconti -- postoperative patency evaluation Takumi Yamamoto -- Future modalities -- Laser Tomography Akitatsu Hayashi -- Photoacoustic.

Sommario/riassunto

Imaging in Reconstructive Microsurgery represents the first book in its kind the the Plastic Surgery and Reconstructive Microsurgery Community. This books includes all the imaging modalities available for plastic and reconstructive surgeons which adds major steps in the daily clinical practice. Most of these imaging modalities can and should be used by the operating surgeon her/himself to exponentially enhance and empower the clinical practice. This book provides step-by-step description of all the state-of-art imaging modalities for both perforator flap and lymphatic surgery, with the aim to provide a daily reference to colleagues who are novel to these procedures and for those who are looking forward to improve their practice. Encorporating imaging technology in clinical practice represents a paradigm shift in daily clinical practice with major enhancement of safety, minimal invasiveness and creativity finally leading to a next generation reconstructive approach. We believe that those imaging modalities will guide us to the future of microsurgery and super- microsurgery. This book will be the beginning of reader’s new journey.