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Altri autori (Persone)	KuikenTodd A FeuserAimee E. Schultz BarlowAnn K
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Nota di contenuto	1. Introduction / Todd A. Kuiken -- 2. The scientific basis of targeted muscle Reinnervation / Todd A. Kuiken -- 3. Surgical techniques for targeted muscle reinnervation / Gregory A. Dumanian and Jason M. Souza -- 4. Targeted muscle reinnervation as a strategy for neuroma prevention / Jason H. Ko, Peter S. Kim, and Douglas G. Smith -- 5. Rehabilitation of the targeted muscle reinnervation patient / Todd A. Kuiken -- 6. Prosthetic fitting before and after targeted muscle reinnervation / Laura A. Miller and Robert D. Lipschutz -- 7. Occupational therapy for the targeted muscle reinnervation patient / Kathy A. Stubblefield and Todd A. Kuiken -- 8. Targeted sensory reinnervation / Paul D. Marasco -- 9. Surgical and functional outcomes of targeted muscle reinnervation / Laura A. Miller -- 10. Future research directions / Levi J. Hargrove and Blair A. Lock.
Sommario/riassunto	This reference covers clinical and bioengineering aspects of muscle reinnervation, a popular new technique at the boundary of biomedical and rehabilitation engineering and neuroscience. With contributions from pioneers in the field, the book provides a review of muscle

reinnervation from a biomedical engineering and clinical perspective. It describes neuroscience and other related neuroprosthetic techniques. A companion website offers a wide range of videos and multimedia material to aid in comprehension and application--Provided by publisher.