

1. Record Nr.	UNINA9910632994403321
Autore	Jensen Winnie
Titolo	Direct Nerve Stimulation for Induction of Sensation and Treatment of Phantom Limb Pain / / edited by Winnie Jensen
Pubbl/distr/stampa	Taylor & Francis, 2019 Denmark ; ; New York : , : River Publishers : , : CRC Press, , 2019
ISBN	1-00-333797-X 1-000-79249-8 1-003-33797-X
Descrizione fisica	1 online resource (xxxviii, 263 pages) : illustrations
Disciplina	615.845
Soggetti	Rehabilitation technology Phantom limb Neural stimulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The amputation of a limb is a surgical intervention used as a last resort to remove irreparably damaged, diseased, or congenitally malformed limbs where retention of the limb is a threat to the well-being of the individual. The procedure traumatically alters the body image, but often leaves sensations that refer to the missing body part, the phantom limb. In 50-80% of cases, these sensations are perceived as painful and referred to as Phantom Limb Pain'.Direct Nerve Stimulation for Induction of Sensation and Treatment of Phantom Limb Pain provides an overview of research, experiences and results for the design, development and test of hardware and software components, and the ambition to safely implant and evaluate a novel neural interface system to combat phantom limb pain in an amputee volunteer subject.