



Open Access

Editors:

Vincenzo Parenti Castelli
Italy

Marco Troncossi
Italy

eISBN: 978-1-60805-439-8

Grasping the Future: Advances in Powered Upper Limb Prosthetics

www.benthamscience.com/ebooks/9781608054398

About the ebook

This e-book illustrates significant milestones reached by the scientists in prosthetic research considering both technical issues and clinical features, and also sheds lights on new trends and future developments of this field.

Contents

- ▶ The Design of Advanced Prosthetic Limb Systems
- ▶ Experience Fitting Partial Hand Prostheses with Externally Powered Fingers
- ▶ In Human Implant of Intraneural Multielectrodes for Controlling a 5-Fingered Hand Prosthesis and Delivering Sensorial Feedback
- ▶ Introduction to Assessment
- ▶ The Psychosocial and Biomechanical Assessment of Amputees Fitted with Commercial Multi-grip Prosthetic Hands
- ▶ Design Solutions and Methods for Robotic Hands that Can Help Prosthetic Hands Development
- ▶ Haptic devices for the simulation of upper limb in Virtual Reality

For Advertising Inquiries: Contact: marketing@benthamscience.org