

# West Park's Experience with i-Limb Hand & Prodigits from Touch Bionics

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# Presentation Goal

- ◆ **i-Limb Hand over view**
- ◆ **Identify the unique features of the i-limb Hand and Prodigits**
- ◆ **Considerations for high end device funding**
- ◆ **Ensuring success in fit, comfort and function**
- ◆ **Optimize device acceptance**



## **Considerations high end device funding**

- ◆ **Review patient in clinic**
- ◆ **Make specific device and component recommendation**
- ◆ **Indicate client's ability to control and benefit from the device**
- ◆ **Obtain clinic note**
- ◆ **Prepare device cost estimate**
- ◆ **Write supporting letter indicating the necessity and benefit of device recommendation to client**
- ◆ **Follow up with funding agency**



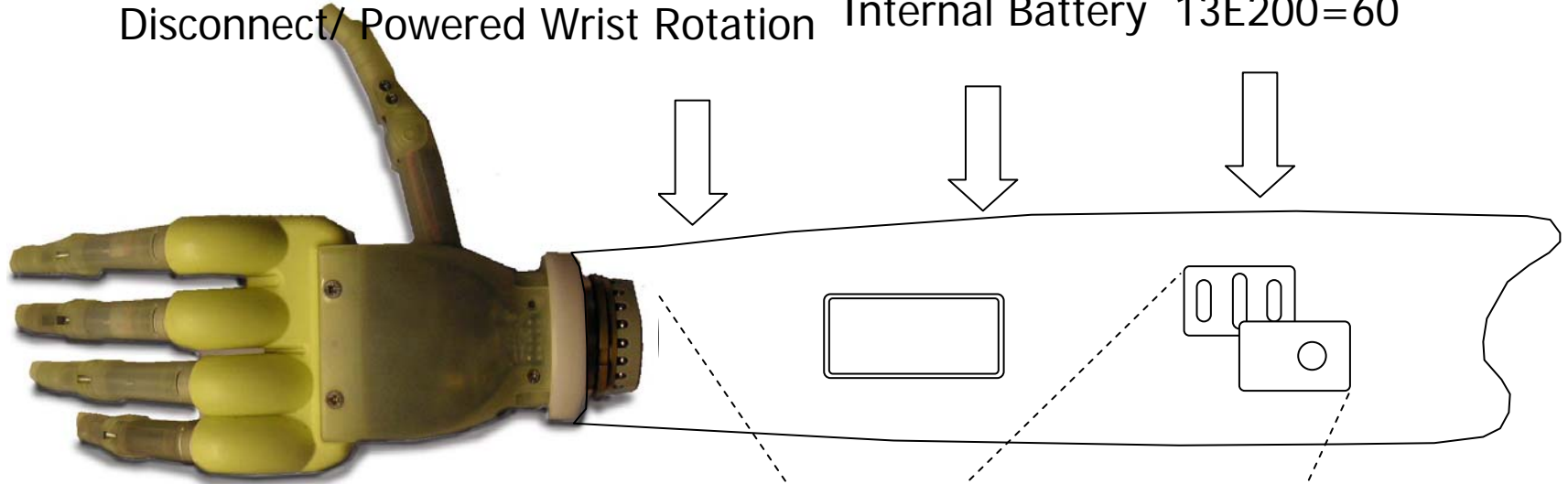
# i-Limb Hand

Quick

Disconnect/ Powered Wrist Rotation

Touch Bionics  
Internal Battery

Electrodes  
13E200=60



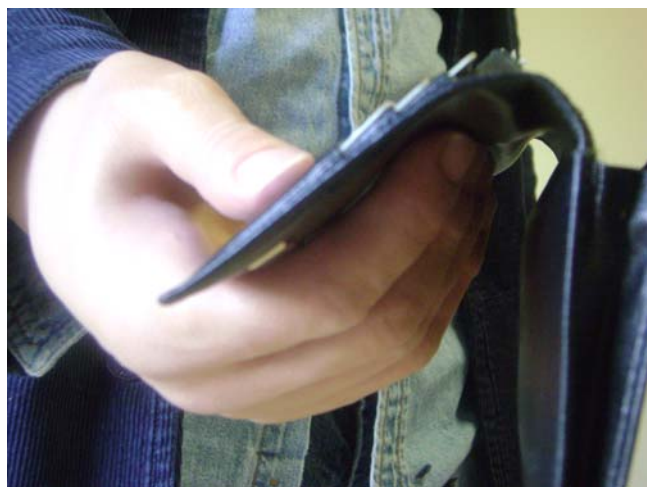


# Unique Features



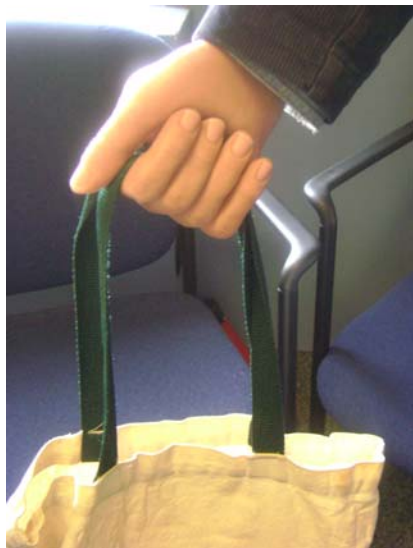


# Key Grip



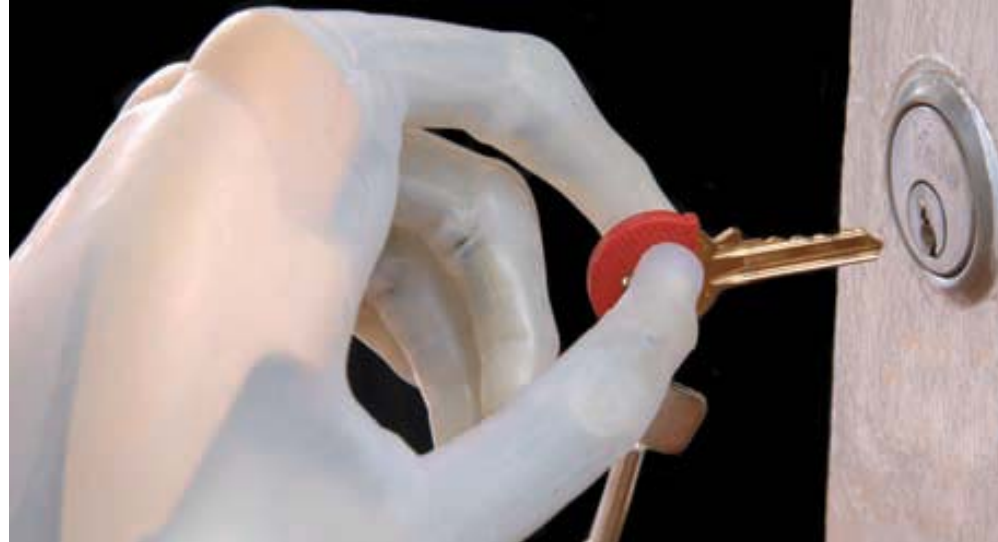


# Power Grip





# Precision Grip







# Index Point





# Other features



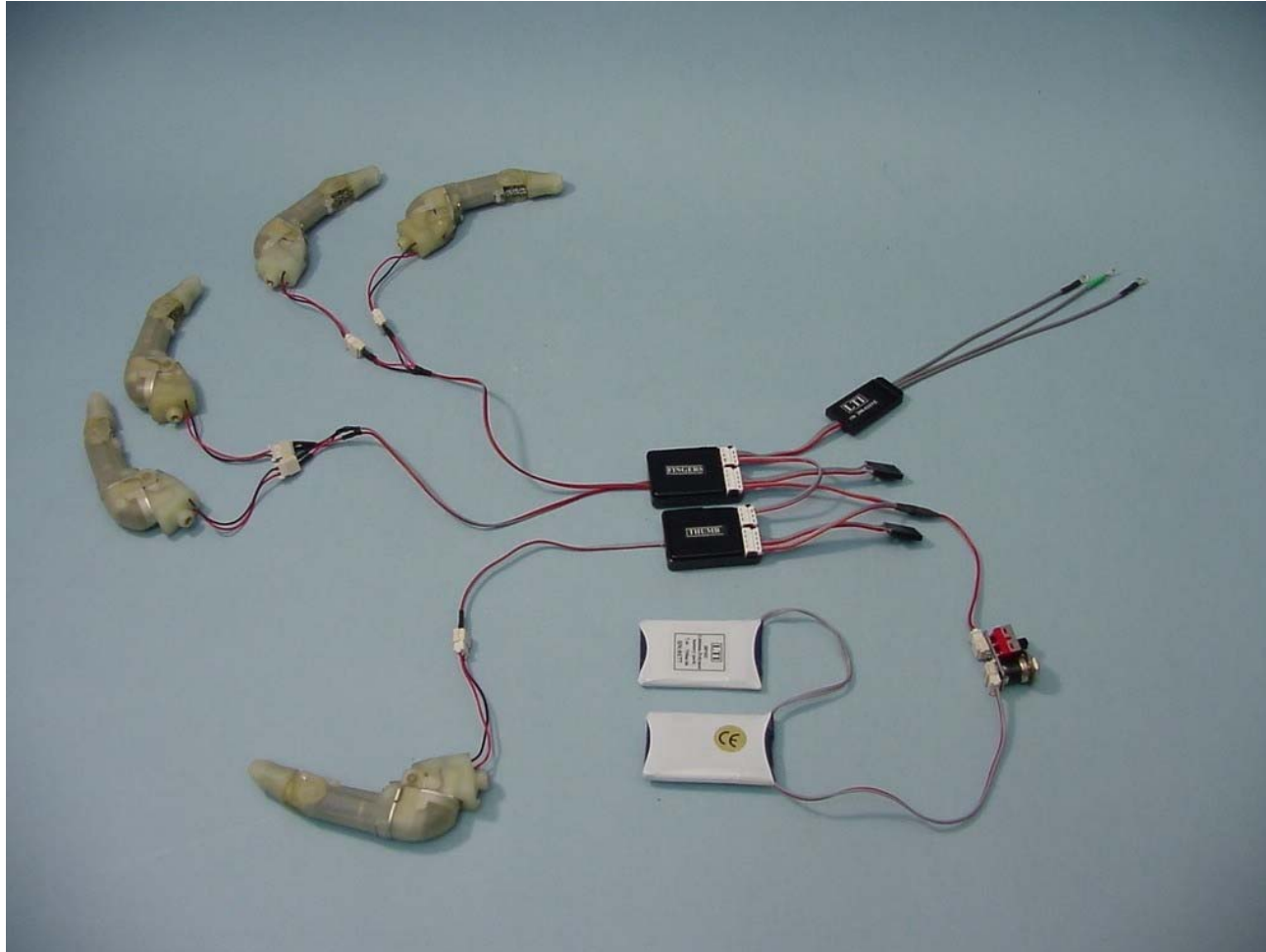


# Management of Partial Hand Amputees with Prodigits





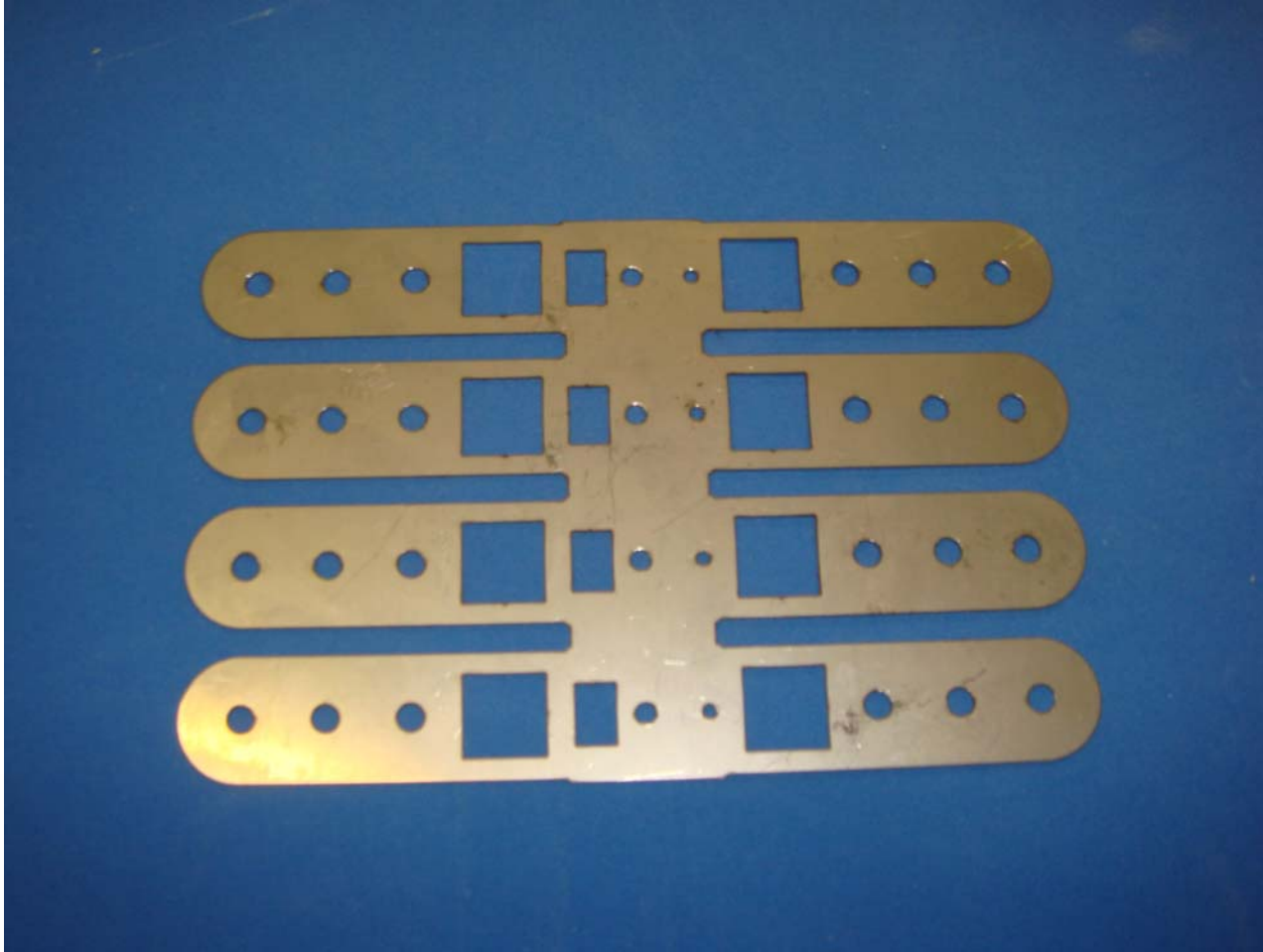
# Prodigit Kit





# Prodigit Kit

## Stainless Steel Lamination Plate



# Silicone Carpal Obturator Socket (SCOS)



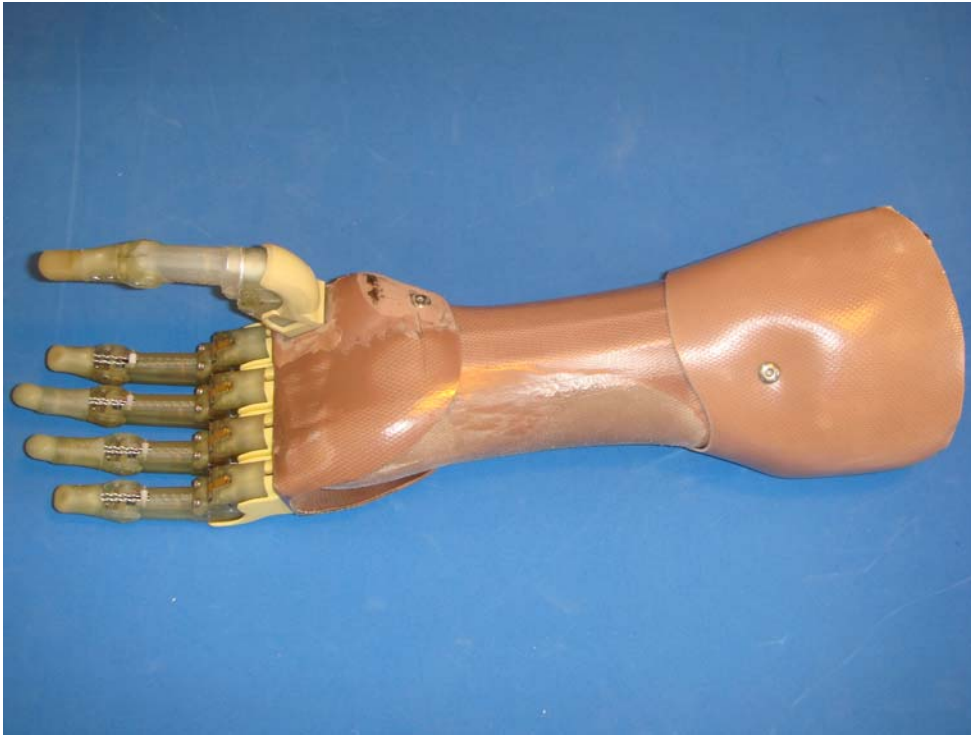


# Laminating Prodigit Mounting Plate





# Prodigit finishing considerations

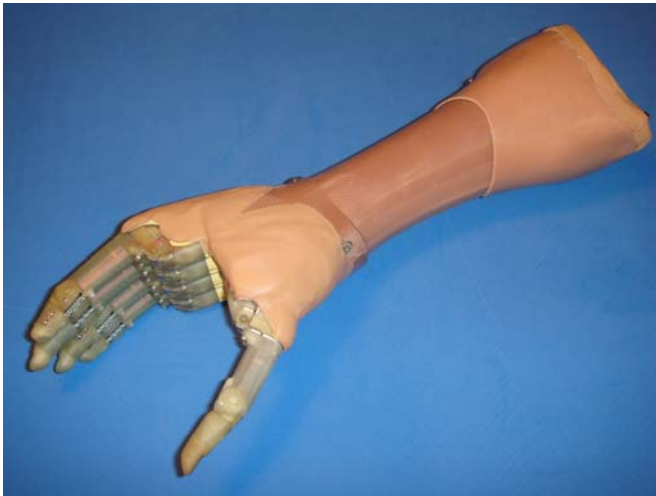


- ◆ Review optimal thumb position with patient
- ◆ Determine trim lines
- ◆ Finish knuckle base of thumb and digits



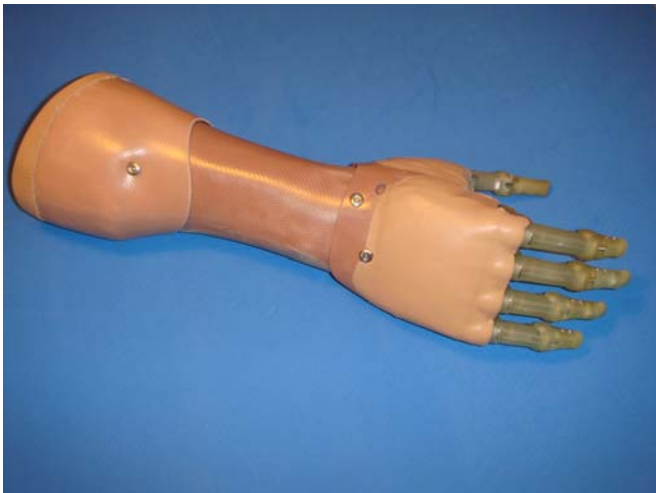


# Finishing details for i-Limb Hand



- ◆ Proximal Exo-shell for electrodes, controller, battery pack and switch

- ◆ Blend the knuckles

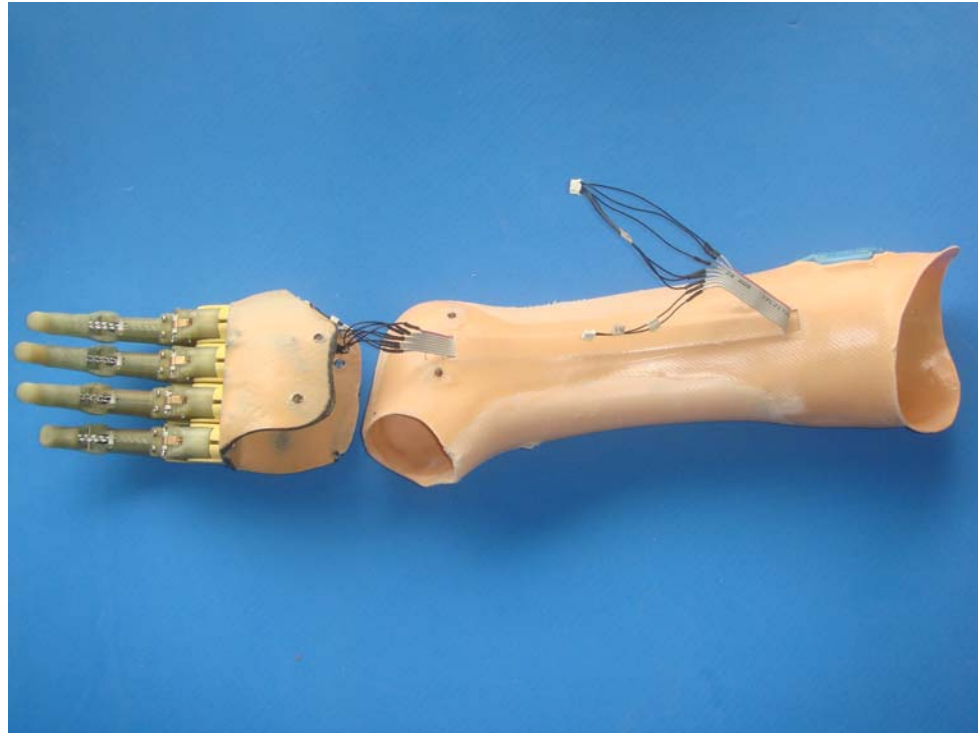


- ◆ Blend the thumb



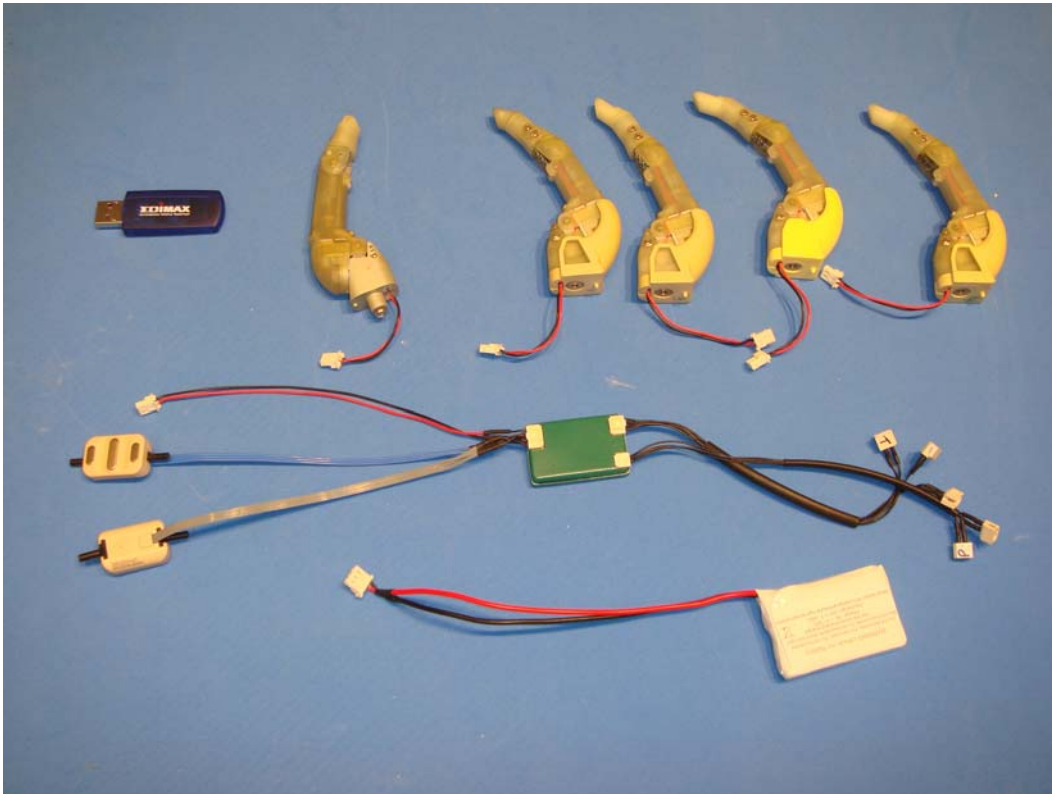


# Prodigits with thumb remaining

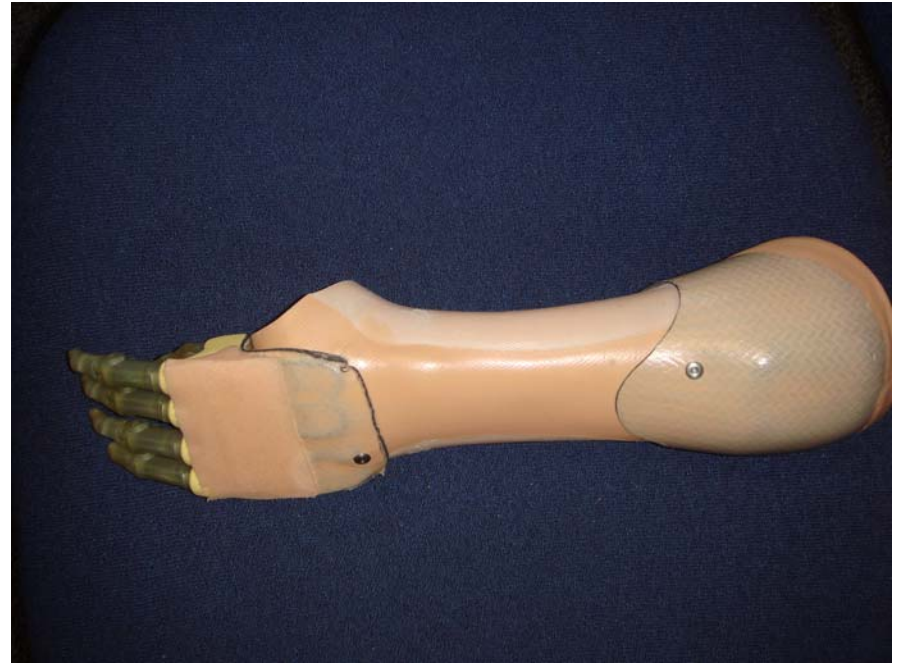




# New TB Prodigit Controller

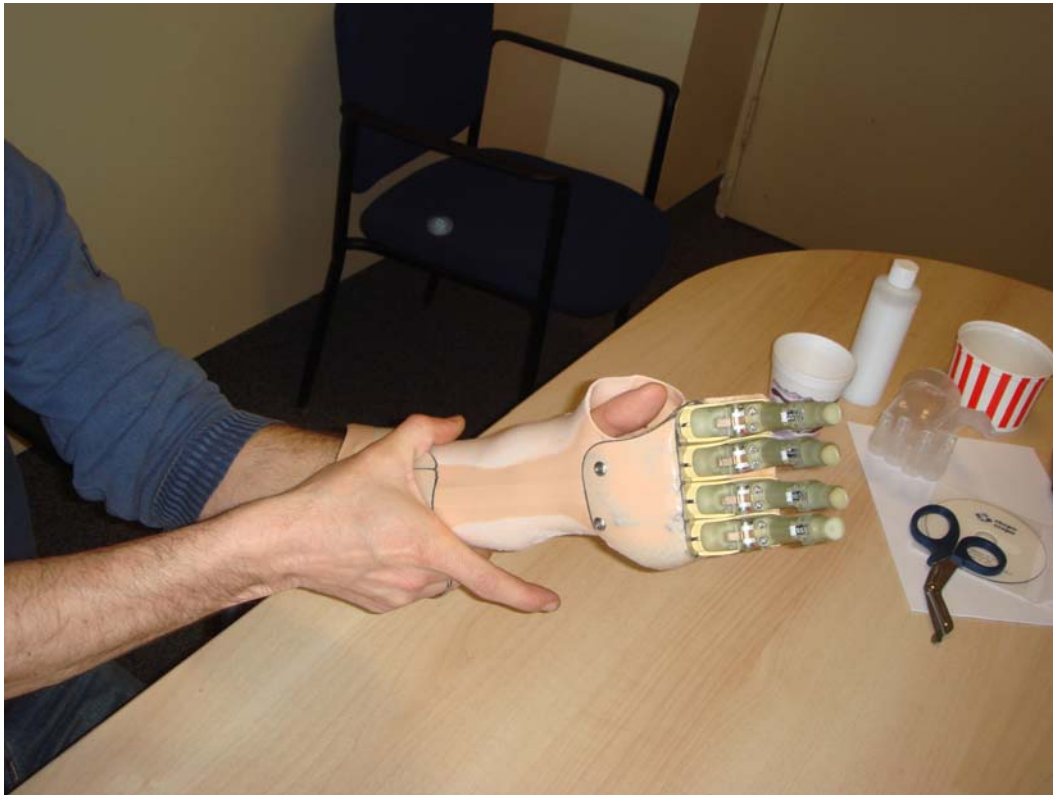


- ◆ New Touch Bionics Prodigit Controller
- ◆ Patient demographical data
- ◆ Wireless signal calibration
- ◆ Bluetooth Dongle





# Silicone Carpal Obturator Socket (SCOS)



- ◆ **Silicone Carpal Obturator Socket allows ease in donning**
- ◆ **Anterior Prodigit motor lead channel**
- ◆ **Rigid Acrylic posterior laminate strip**
- ◆ **Enhanced finished device cosmesis**











# Striving for successful outcome

- ◆ **Assessment and Consultation**
- ◆ **Review components by manufacturer with client**
- ◆ **Narrow gap between client expectation and current industry technology**
- ◆ **Device Trial Fit**
- ◆ **Functional Training with OT in mock up device**
- ◆ **Functional Training with finished device**



# **Optimize device acceptance**

- ◆ **Review components options and specific features with client**
- ◆ **Discuss possible trial of component with time limits**
- ◆ **Explain company and manufacturer's warranty policies**
- ◆ **Client signs Goods Received Form**



**Thank You - Merci**