

Bionic Hand



I. Presentation :

1. What does it look like ? (Shape, colour, material used)

The bionic hand looks like a real hand, its colour is the colour of the body.

The material used for the bionic hand are plastic, metal or silicone.

2. What are the main parts ?

The main parts of the bionic hand are a microprocessor, knuckle and electrode.

3. Which research lab was at the origin of robot ?

This bionic hand is the fruit of the work of the researchers of EPFL in Switzerland and SSSA in Italy.

4. What is it for ?

When researchers created bebionic they wanted to produce a myoelectric prosthetic hand that could transform the lives of amputees worldwide and help them to regain independence and control in their everyday lives.

5. How does it facilitate people's lives ?

It facilitates people's lives because it replaces the hand of the people who are made amputee.

II. What are the possible evolutions of the bionic hand ? / What are its future prospects?

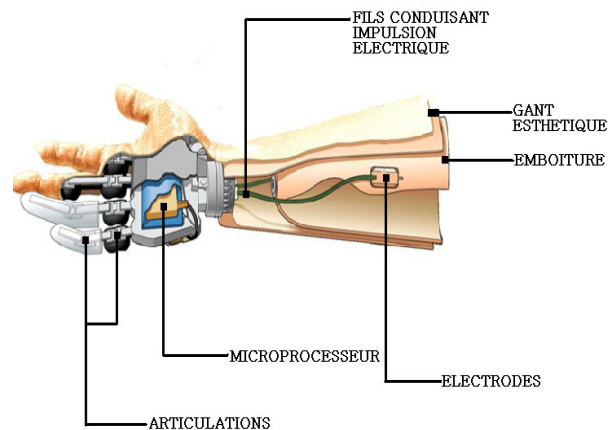
The possible evolutions is return the even more natural gestures and the information sent by the brain is faster to improve the everyday life of the people.

III.Group conclusion :

Give your opinion : is it interesting for mankind to develop this type of robot ?

It is interesting because it is a good project for the person who got an accident, it allows him or her to have a better life. A bionic hand lets them to have an opportunity to use the two hands.

The bionic hand is a zeel result of extensive research by the scientists.This project is about creating a new world of science.



http://www.lepoint.fr/sante/une-main-bionique-dotee-du-sens-du-toucher-06-02-2014-1788818_40.php

<http://www.midilibre.fr/2014/03/24/la-main-bionique-de-freddy-creee-a-bedarieux,838703.php>