



GRAVITY SYSTEM®



GRAVITY SYSTEM®



- PRODUCT DESCRIPTION
- MATERIALS
- MANUFACTURING METHODS
- FUNCTIONAL SOLUTION
- COSMETIC SOLUTION
- ADVANTAGES/BENEFITS
- PROTOCOL



GRAVITY SYSTEM®



GRAVITY SYSTEM® is an innovative prosthesis for arm and forearm amputations.

Ultralight highly resistant and durable modular prosthesis with variable weight system

The prosthesis is composed of an inner soft shells and yet highly resistant shell designed to receive a number of steel balls just enough to create a counterweight for an optimized balance according to the patient needs.

This design allows the continuous and dynamic adaptation of the prosthesis center of gravity in accordance to the arm/hand movement.

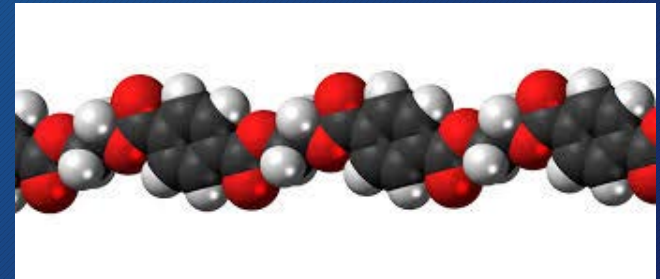




GRAVITY SYSTEM®

- POLYESTER COPOLYMER

Very soft
Absorb shock
High resistance



- STEEL BALLS

to increase weight



GRAVITY SYSTEM®

- Imprint



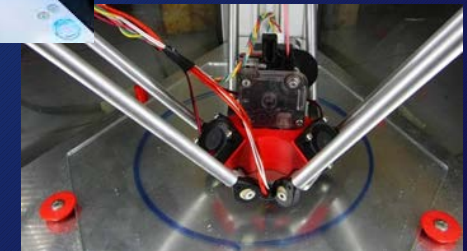
- 3d scan



- Data processing
(exclusive know-how)



- 3d print

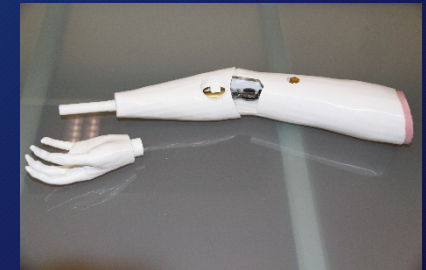
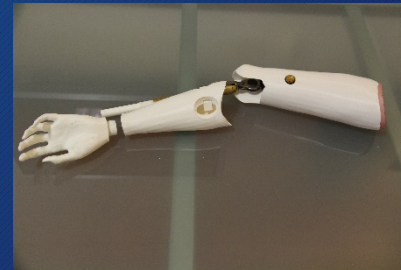
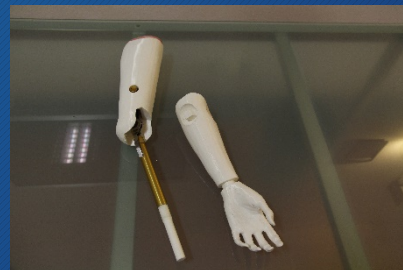


GRAVITY SYSTEM®



GRAVITY SYSTEM®

is compatible and adapts to every system of functional or free elbow



GRAVITY SYSTEM®

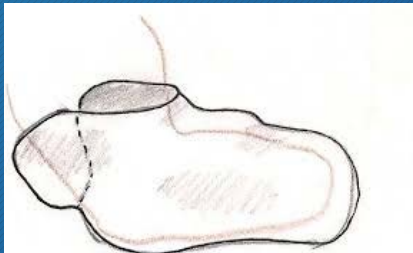


GRAVITY SYSTEM® can adapt to every kind of socket

1- oleocranic socket

2- every suspension method (Ossúr lock-set, Ottobock lock-set,...)

1-



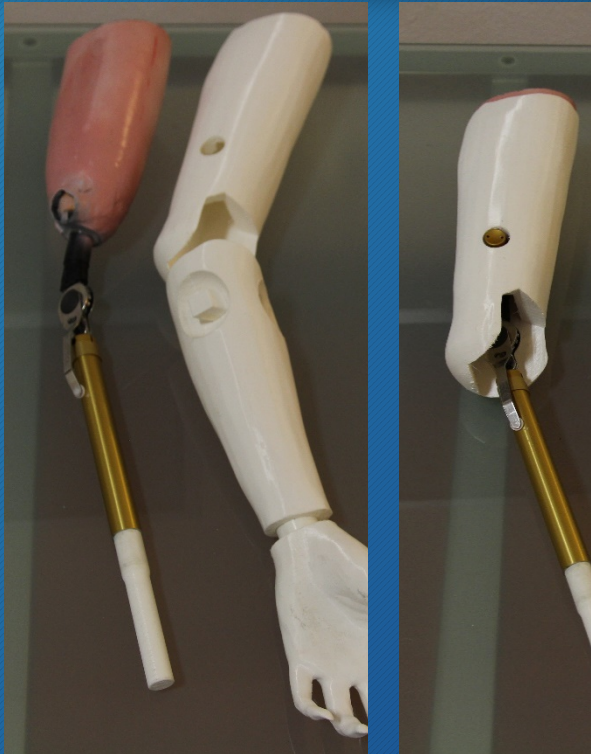
2-



3- **PROCOSIL MAGNET SUSPENSION METHOD** (silicone Procosil magnet liner and magnet procosil lock-set)



GRAVITY SYSTEM®



1- GRAVITY SYSTEM®
can adapt to every resin
socket



2- The socket can be blended as
a unique polyester copolymer
piece



GRAVITY SYSTEM®



The adjustability of GRAVITY SYSTEM® allows a progressive weight repartition for a gradual adaptation to the patient needs and hence better acceptance of the prosthesis.

The specialist closely assesses the prosthesis starting immediately after its fitting and gradually inserts steel balls in preset slots engraved in the inner shell until the final desired weight is reached. This process allows gradual optimization the prosthesis weight with direct patient feedback. Future modification, if needed, depending on the patient activity, is also possible.



GRAVITY SYSTEM®



The center component is made of a custom made high definition, high grade silicone which features and colors are personalized to match patient natural skin.

The glove can be made in 2 ways

1- design (high custom made definition)

- Custom shape
- Custom color
- Custom nails

2- aesthetic solution (basic)

- More similar shape than healthy limb
- Color through samples



GRAVITY SYSTEM®



-STRONG

-VERY DURABLE

-LIGHTWEIGHT

-RETAINS IT SHAPE

-RESISTANT TO
STRETCHING

-MODULARIBILITY

- WATERPROOF

-EASILY WASHED

-MILDEW RESISTANT

GRAVITY SYSTEM®



The lightness and adjustability of GRAVITY® allows a progressive weight repartition for a gradual adaptation to the patient needs and hence better acceptance of the prosthesis.

GRAVITY® system helps so patients to get used progressively to the weight of a future functional bionic or myoelectric hand prosthesis.

specific for the rehabilitation of neo amputees.

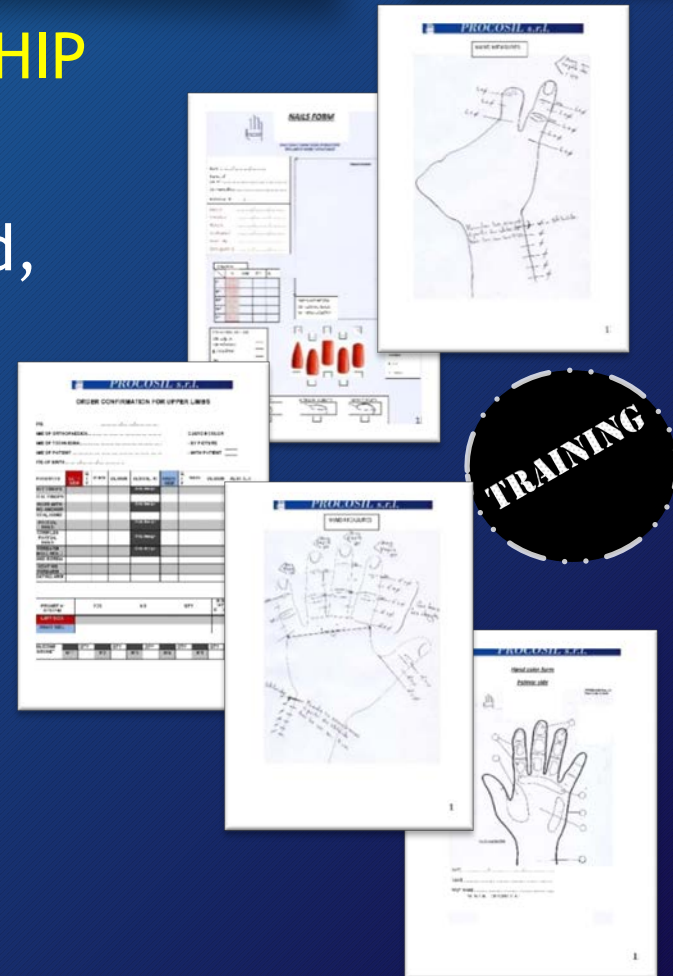
Very adapted for children, women, and every body need light and comfortable and strong prosthesis.

Customer
Advantage

GRAVITY SYSTEM®

TRAINING IN ORDER TO START PARTNERSHIP

- Imprints/measurments of healthy hand, forearm and arm
- Sample of colors/photos
- Nail forms
- socket





*Thank you for your
attention*



Franck Gardrat