

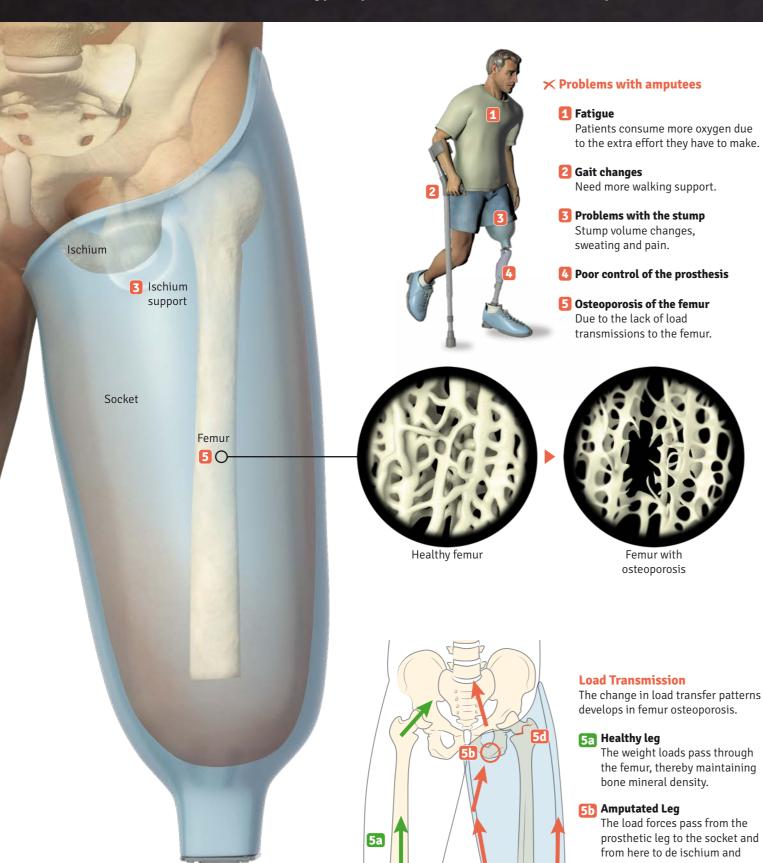
Keep Walking Implant

Prosthetic

The implant is inserted into the medullary canal of the femur, therefore providing a bearing surface at the end of the limb. It relieves typical problems found in transfemoral amputees.



Socket



5c

5c The distal end of the femur

hardly receives any loads.

increasing fracture risks.

This weakens the bone structure

✓ Benefits of the implant

- Greater resistance Self-dependence increases.
- 2 Improved Biomechanics Less support is required.
- 3 Less socket discomfort Ischium support is reduced. Socket ventilation openings can be incorporated.
- 4 Greater control of the prosthesis
- [5] Improvements in the femur The implant provides distal support in the socket so the femur bears weight again.





Parts of the **Keep Walking Implant**

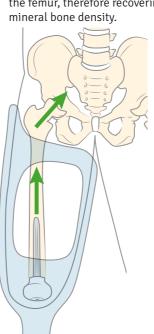
It can be used on amputated patients or whilst undergoing amputation surgery.

Stem

It is press-fit inserted into the medullary canal of the femur. The stem is made of grooved titanium with a rough surface for secondary fixation by osteointegration

Healthy femur

5 Weight loads are transmitted via the femur, therefore recovering mineral bone density.





Implant

4

Prosthetic leg

Femur

-05

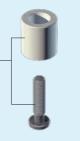
The implant provides weight bearing at the distal end of the socket.

Spacer

It is made of rounded polyethylene in order to create a wide and comfortable surface for distal weight bearing.



For implant assembly. It enables the evolution of the implant into a direct skeletal attached system (still under development).



Infographic: Fundamentium ©2017 Tequir S.L.



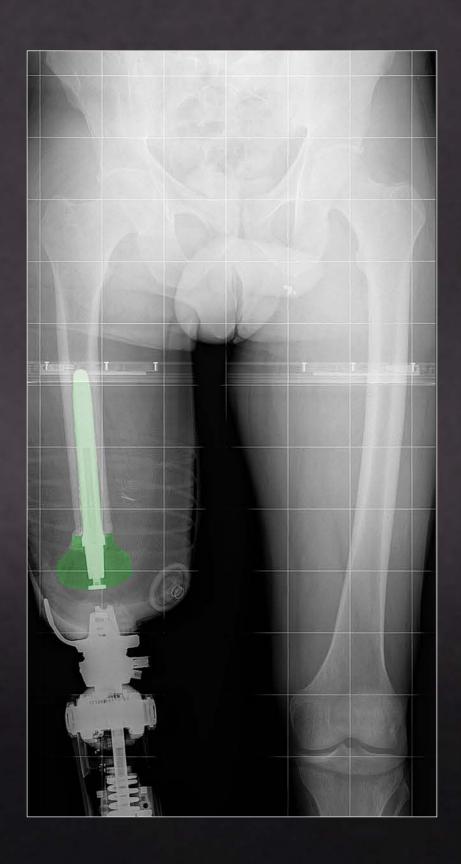
Ischium

3 Reduced or

eliminated

ischium support

3 Openings



For Further information:





www.keepwalkingimplant.com