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AOFE Clinics

In collaboration with the Military
Rehabilitation Center and Radboudumc

Amputee Osseointegration Foundation
Europe Clinics (AOFE Clinics) is an
independent private clinic



We are specialized in surgical treatments
for individuals with limb amputation



Meet our team

What can the AOFE Clinics team do for you?

AOFE Clinics performs all treatments related to limb amputations especially osseointegration treatments also known as bone-anchored prosthesis or click prosthesis.

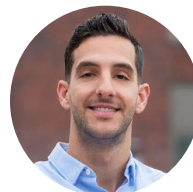
We also perform primary amputation, surgical stump revisions and targeted muscle reinnervation for individuals with severe nerve pain or neuromas in the amputated leg or arm.

AOFE Clinics collaborates with the Military Rehabilitation Center Aardenburg in Doorn and Radboudumc in Nijmegen, The Netherlands.



Jan Paul Frölke MD

Orthopedic traumasurgeon



Robin Atallah MD

Orthopedic surgeon
(in training), Fellow
osseointegration



Fred van der Meer MD

Rehabilitation physician



Dicky de Best

Experience expert,
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Luc Knap

Director

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Speak with an employee?

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Do you have questions?

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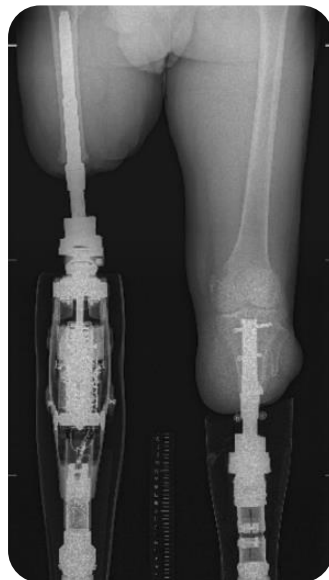
What is **Osseointegration?**

Osseointegration is a method of anchoring a leg or arm prosthesis to the skeleton of the body.

By inserting an orthopedic implant into the bone, a prosthesis can be firmly attached by means of an adapter and connector, the so-called click system.

The goal of osseointegration is to give individuals with an amputation a better quality of life

Below are some examples before and after an osseointegration treatment



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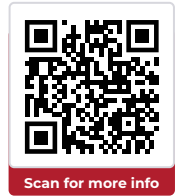
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The pros and cons of osseointegration?

These are the benefits of osseointegration

- ✓ Better control over the prosthesis and more stability (safety)
- ✓ Wearing time of the prosthesis increases significantly
- ✓ Walking takes less energy
- ✓ “Prosthesis feeling” (better contact with the ground)
- ✓ Prosthesis always fits
- ✓ Better seating comfort
- ✓ Prosthesis does not come off while sitting/walking/cycling
- ✓ Prosthesis is easy to do and doff
- ✓ No perspiration problems in summer
- ✓ Standing in the shower is not a problem

These are the disadvantages of osseointegration

- ✗ Stoma should be cleaned twice a day
- ✗ Risk of stoma irritations and infections
- ✗ No contact sports, running, skiing

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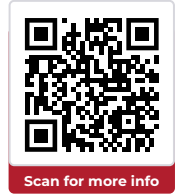
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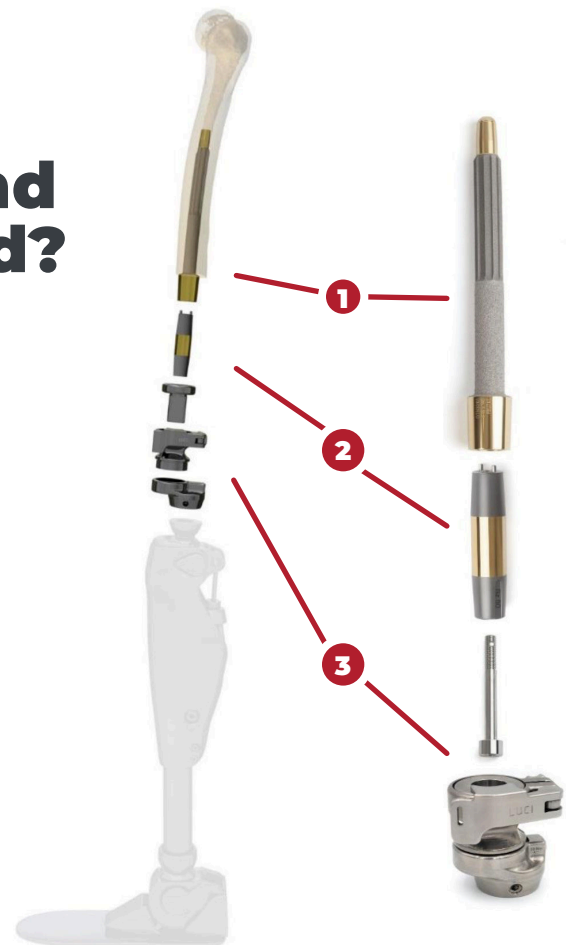
How does the surgical procedure and rehabilitation proceed?

The operation (2-3 days hospitalization)

- 1 Adjust stump and implant stem
- 2 Create a skin opening and attach the adapter

Rehabilitation

- 3 After 4-6 weeks, the connector is mounted, and the rehabilitation starts



Rehabilitation program

Below knee: 4-6 weeks

- Week 1:** Walking in the bridge
Week 2 & 3: Walking with 1 or 2 crutches
Week 4: Walking without crutches and adjusting prosthesis
- Week 5-6** Walking without crutches, gait training with ramps, obstacles and dual tasks, adjusting prosthesis

Above knee: 4-12 weeks

- Week 1 & 2:** Practicing standing and walking in the bridge
Week 3: Walking in the bridge
Week 4: Walking with 2 crutches
- Break
- Week 5-12** Walking without crutches, gait training with ramps, obstacles and dual tasks, adjusting prosthesis

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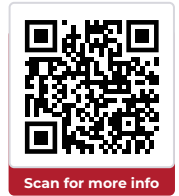
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Who is or is not eligible for osseointegration

You are eligible if you have problems caused
by the prosthetic socket

In these cases you are not eligible

- × Severe diabetes (diabetes)
- × Severe bone growth abnormalities or malformations
- × Immature bone
- × Bone diseases (stump bone infection)
- × Chemotherapy
- × Severe vascular disease in the legs
- × Pain without a clear cause
- × Obesity
- × Smoking

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Scan for more info

Activities with osseointegration

What activities can you do after an osseointegration treatment?

- ✓ Walking
- ✓ Bicycle riding
- ✓ Swimming (pool – sea – lake)
- ✓ Sauna
- ✓ Fitness



A patient's experience

I have never regretted the decision to have osseointegration done. I am often asked: what is the advantage of this? then I say: 'I can walk again with and without my dog without stopping, cycling and playing sports (sitting volleyball), I am not so tired anymore, I have much less pain in my lower back, and I am only more than 1 year after surgery! I have my life back! And I continue.....'

How the world has opened for me again!
I continue to walk on "my own" legs. After March 15, 2018 I have not used the wheelchair anymore. If only this had come my way years ago.

You really learn to walk again

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