



[www.aofeclinics.nl/en](http://www.aofeclinics.nl/en)

# **AOFE Clinics**

In collaboration with the  
Military Rehabilitation Center

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



We are specialized in surgical treatments  
for individuals with limb amputation



Scan for more info



Scan for more info

## 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.



**Jan Paul Frölke MD**

(Orthopaedic) Trauma surgeon



**Robin Atallah**

Orthopaedic surgeon



**Fred van der Meer MD**

Consultant Rehabilitation Doctor



**Dicky de Best**

Experience expert, casemanager



**Luc Knap**

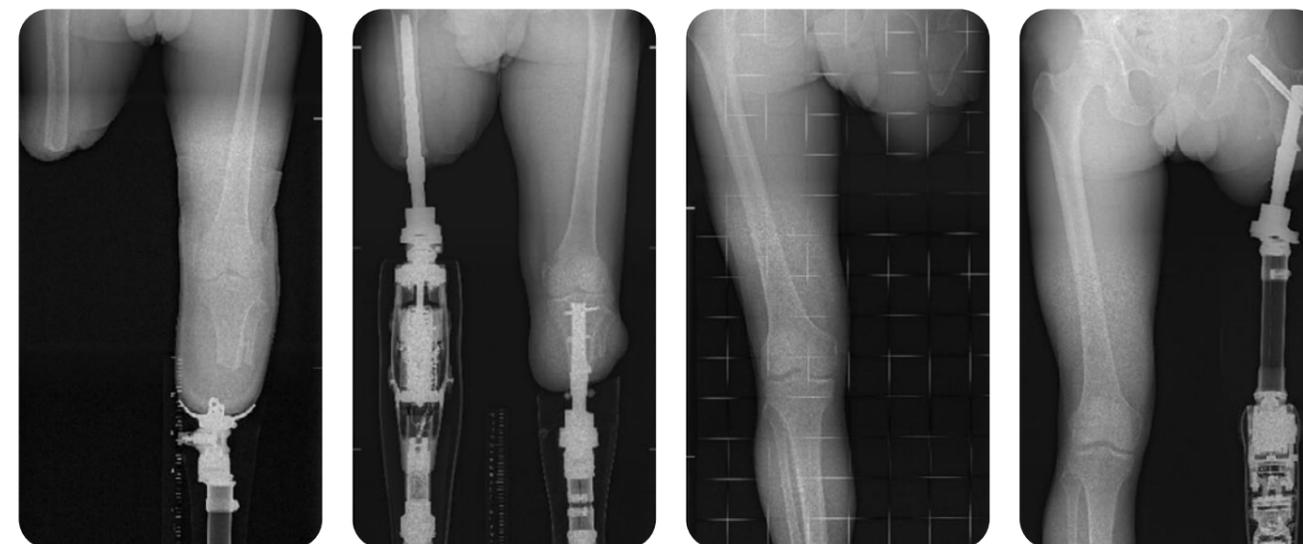
Director

## 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.

Below are some examples before and after an osseointegration treatment



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

#### Postal address

AOFE Clinics  
P.O. Box 275  
6860 AG Oosterbeek  
Netherlands

#### Visiting address

AOFE Clinics location Orthoparc  
Rosendaalselaan 30  
6891 DG Rozendaal  
Netherlands

#### Speak with an employee?

+ 31 26-202 40 42

#### Do you have questions?

mail@aofeclinics.nl

#### Postal address

AOFE Clinics  
P.O. Box 275  
6860 AG Oosterbeek  
Netherlands

#### Visiting address

AOFE Clinics location Orthoparc  
Rosendaalselaan 30  
6891 DG Rozendaal  
Netherlands

#### Speak with an employee?

+ 31 26-202 40 42

#### Do you have questions?

mail@aofeclinics.nl



Scan for more info



Scan for more info

## 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

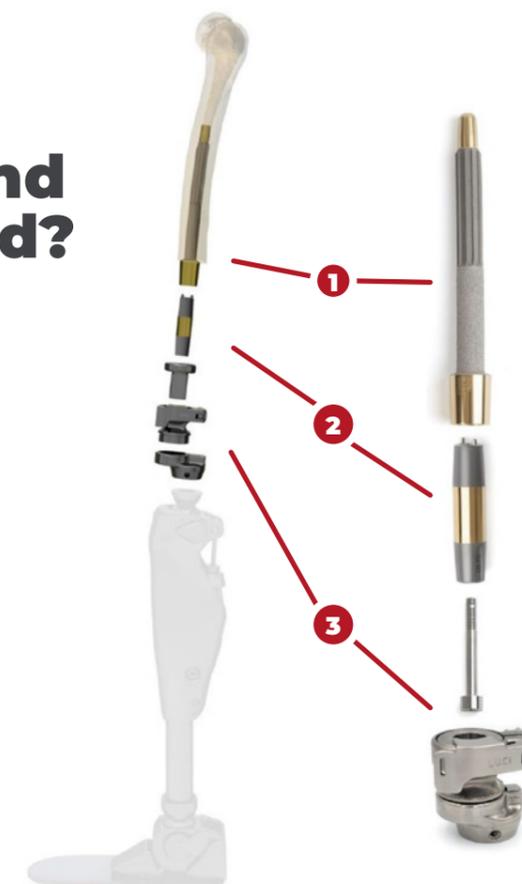
## How does the surgical procedure and rehabilitation proceed?

### 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

Break

- Week 5-6** Walking without crutches, gait training with ramps, obstacles and dual tasks, adjusting prosthesis

#### Above knee: approximately 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

#### Postal address

AOFE Clinics  
P.O. Box 275  
6860 AG Oosterbeek  
Netherlands

#### Visiting address

AOFE Clinics location Orthoparc  
Rosendaalselaan 30  
6891 DG Rozendaal  
Netherlands

#### Speak with an employee?

+ 31 26-202 40 42

#### Do you have questions?

mail@aofeclinics.nl

#### Postal address

AOFE Clinics  
P.O. Box 275  
6860 AG Oosterbeek  
Netherlands

#### Visiting address

AOFE Clinics location Orthoparc  
Rosendaalselaan 30  
6891 DG Rozendaal  
Netherlands

#### Speak with an employee?

+ 31 26-202 40 42

#### Do you have questions?

mail@aofeclinics.nl



Scan for more info



Scan for more info

## 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

#### Postal address

AOFE Clinics  
P.O. Box 275  
6860 AG Oosterbeek  
Netherlands

#### Visiting address

AOFE Clinics location Orthoparc  
Rosendaalselaan 30  
6891 DG Rozendaal  
Netherlands

#### Speak with an employee?

+ 31 26-202 40 42

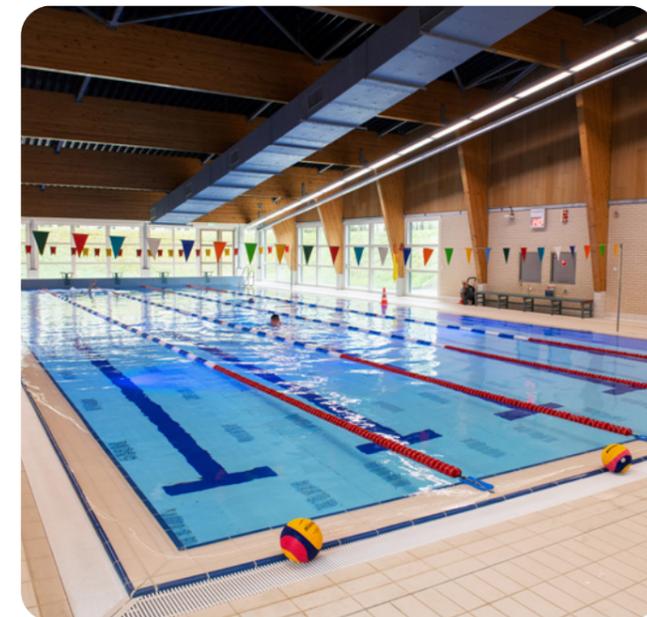
#### Do you have questions?

mail@aofeclinics.nl

## 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

#### Postal address

AOFE Clinics  
P.O. Box 275  
6860 AG Oosterbeek  
Netherlands

#### Visiting address

AOFE Clinics location Orthoparc  
Rosendaalselaan 30  
6891 DG Rozendaal  
Netherlands

#### Speak with an employee?

+ 31 26-202 40 42

#### Do you have questions?

mail@aofeclinics.nl

**Postal address**

AOFE Clinics  
P.O. Box 275  
6860 AG Oosterbeek  
Netherlands

**Visiting address**

AOFE Clinics location Orthoparc  
Rosendaalselaan 30  
6891 DG Rozendaal  
Netherlands

**Speak with an employee?**

☎ + 31 26-202 40 42

**Do you have questions?**

✉ [mail@aofeclinics.nl](mailto:mail@aofeclinics.nl)