



# BioPoly®

Advancing Materials. Advancing Outcomes.

# Choose to Move!™



## Are the BioPoly implants for me?

BioPoly Great & Lesser Toe Hemiarthroplasty implants are used to replace arthritic cartilage in the great and lesser toe joints of the foot. The BioPoly implant was developed to help maintain motion and function, while reducing pain.

The BioPoly Toe implants are used to address:

- Still, swollen, unstable, clicking, and/or locking toe (Degenerative or Post-traumatic Arthritis, Freiberg Disease)
- Painful, swollen, and/or stiff big toe (Hallux Rigidus/Limitus/Valgus)
- Painful cartilage defects in the Great or Lesser Toe

## How does the BioPoly Implant work?

The BioPoly Implant replaces the painful, end of the bone (metatarsal) in the joint of your toes, leaving the opposing bone in the joint (proximal phalanx) intact. Replacing the diseased tissue with a BioPoly Great or Lesser Toe Implant, the pain in the joint can be alleviated and the motion of the joint restored.

## What is the implant made of?

The BioPoly implant is made of a unique orthopedic biomaterial (BioPoly) that combines a common plastic for implants (UHMWPE), with a lubricating molecule (Hyaluronic Acid) naturally found in the joint. This combination allows the material to act like the cartilage it's replacing, rebuilding the joint surface. The BioPoly material is molded onto a Titanium stem that provides support and helps fix the implant in bone.

## Is BioPoly a nickel-free implant?

While the titanium stem material contains trace amounts of nickel, it is considered to be nickel-free with regard to nickel allergies.

## What are the benefits of the BioPoly Implant?

- BioPoly Toe implants offer the only synthetic cartilage solution that replaces damaged or diseased tissue, allowing surgeons to restore a patient's damaged joint.
- The BioPoly Toes are implanted using a less invasive procedure that allows you to retain motion and function in your toe and get you back to your normal, daily activities pain-free.

## What makes BioPoly different from fusion?

### Fusion

### BioPoly®



- Permanently locks the joint **eliminating motion** of the toe
- Can result in **pain** in other areas
- Non-weight-bearing for **6+ weeks**
- Recovers in **6-8 weeks** with altered stride
- Restores joint motion with **cartilage-friendly material**
- Reduces or **eliminates** joint pain
- Weight bearing as tolerable by **2 weeks**
- Back to normal activity **within 6 weeks**

## Can I have multiple toes operated on at one time?

Yes, it is possible. However, we recommend discussing with a surgeon as it's often based on age, health, and physical conditions.

## What if the implant needs to be replaced?

The BioPoly Implant only resurfaces the end of the metatarsal bone. It can be revised by total toe replacement or fusion.

## Can any doctor perform the BioPoly Implant Procedure?

Yes, any Foot & Ankle surgeon can implant a BioPoly Great or Lesser Toe once they have been trained to use the BioPoly system.

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For more information, go to [biopolyortho.com](http://biopolyortho.com)

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