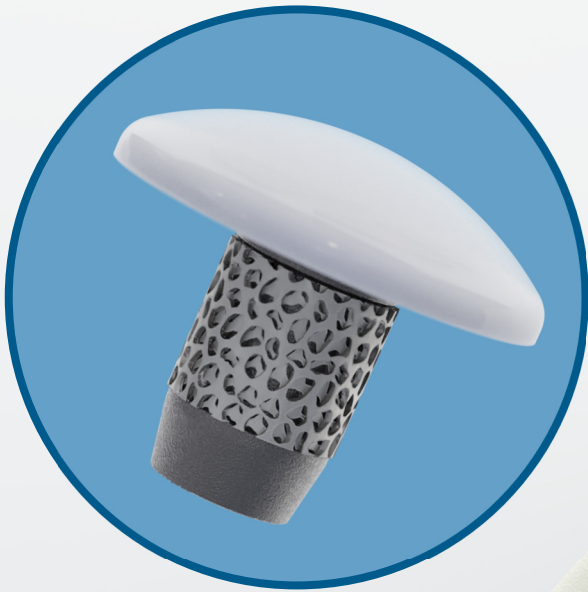


BioPoly

Great Toe

Hemiarthroplasty Implant

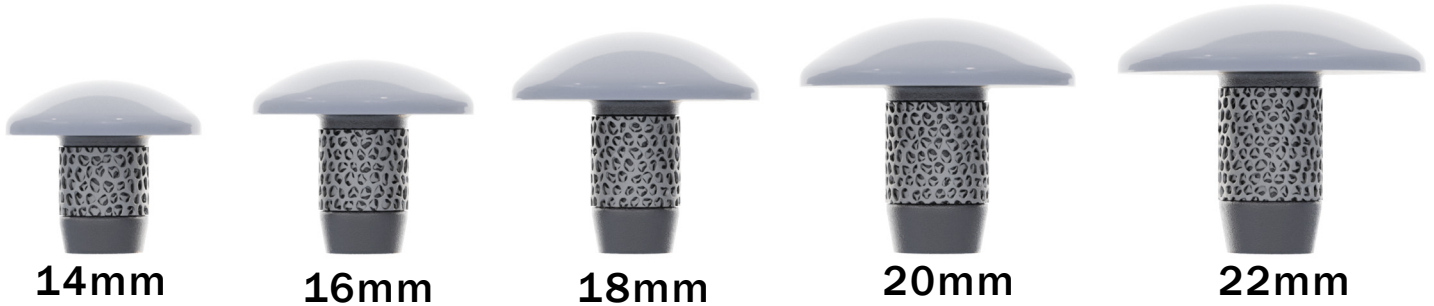


Product Catalog

 **BioPoly**[®]

Setting a new Gold Standard for Hemiarthroplasty

The BioPoly Great Toe Implant offers 5 sizing options and features an industry-first Hydrophilic Polymer coupled with OsteoSync™ Ti, a clinically proven porous technology.



BioPoly[®] Hydrophilic Polymer

Articulating Surface

- Ultra-High Molecular Weight Polyethylene (UHMWPE) and Hyaluronic Acid
- “Self-lubricates” in the joint due to its hydrophilic properties
- Interacts favorably with opposing cartilage while supporting physiological loads
- 85% lower Coefficient of Friction than Cobalt Chrome
- 40% less cartilage wear than Cobalt Chrome when articulating against cartilage

OsteoSync™ Ti

Stem Outer Surface

Porous material along fixation shaft to resist subsidence and loosening

Ti-6Al-4V

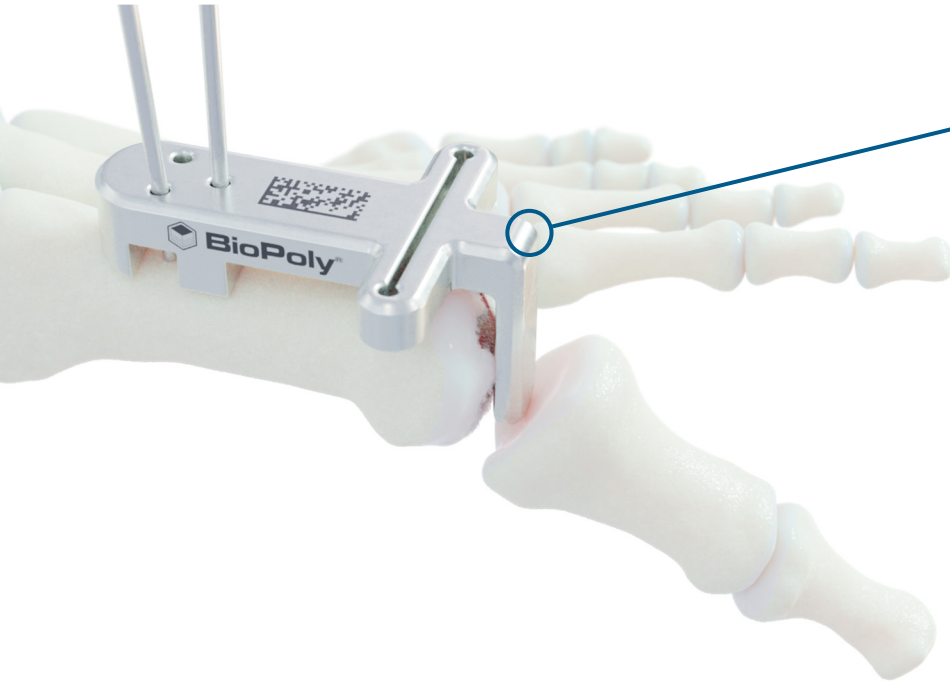
Stem Base

Grit blasted surfaces for added fixation

Product Catalog

Efficient & Reproducible Instrumentation

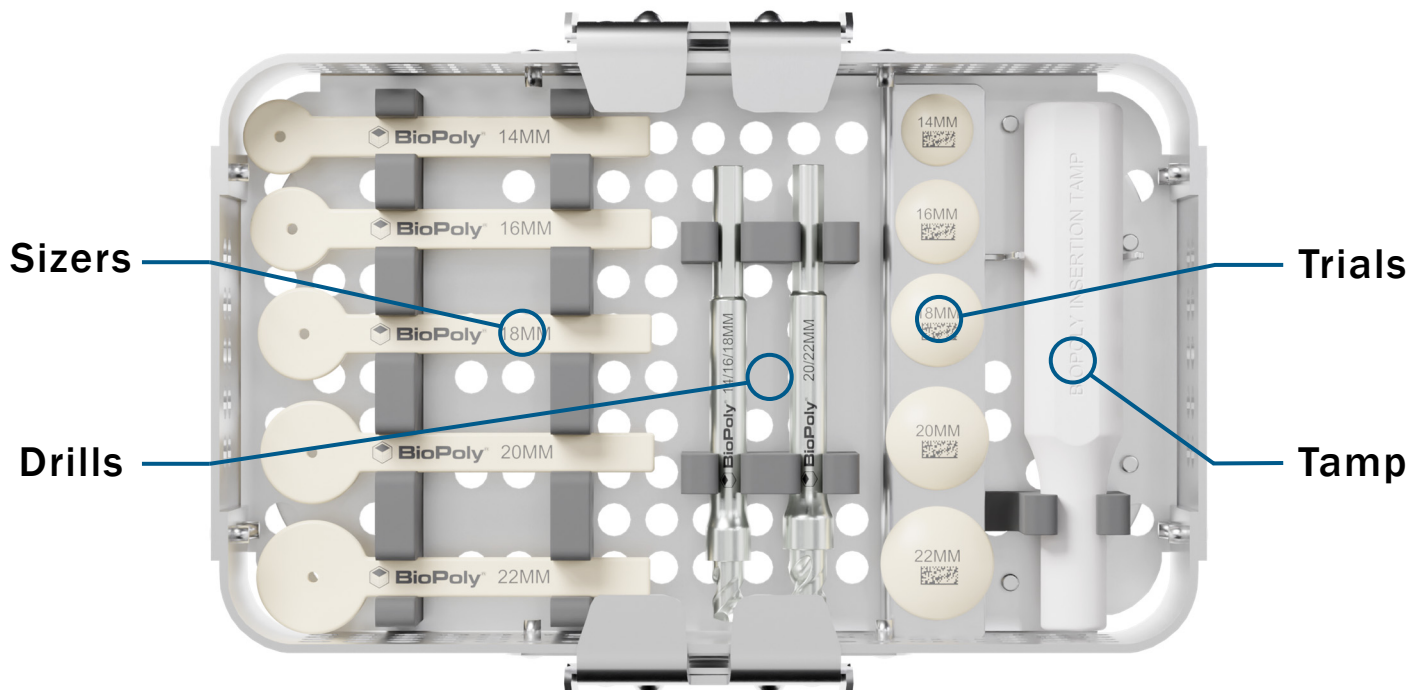
The BioPoly Great Toe Instrument System offers a single-tray Instrument Set to improve Operating Room & Sterile Processing efficiencies. In an effort to provide reproducible bone preparation and implant placement, a metatarsal cut guide was developed. The cut guide ensures adequate amount of resection and precise angle of cut.



Cut Guide

- 14% more surface area for dorsal roll off during dorsiflexion
- Reduces shear/toggle forces on the implant by 22%
- Biases the plantar aspect of the implant away from sesamoid bones

Instrument Set



Also required: Oscillating Saw (0.38mm max blade thickness), 2mm Steinmann Pin, 2x 1.6mm K-Wires, Mallet, Bone Cement, Cut Guide

Implants


| Description | Reference |
|---|-----------|
| Great Toe Hemiarthroplasty Implant – 14mm | 135-5114 |
| Great Toe Hemiarthroplasty Implant – 16mm | 135-5116 |
| Great Toe Hemiarthroplasty Implant – 18mm | 135-5118 |
| Great Toe Hemiarthroplasty Implant – 20mm | 135-5120 |
| Great Toe Hemiarthroplasty Implant – 22mm | 135-5122 |

Instruments

| Description | Reference |
|----------------|-------------|
| Instrument Set | 135-5500 |
| Drill - Small | 135-2100-01 |
| Drill - Large | 135-2100-02 |
| Insertion Tamp | 135-2100-03 |
| Cut Guide | 135-2100-04 |
| Sizer - 14mm | 135-2114-01 |
| Trial - 14mm | 135-2114-02 |
| Sizer - 16mm | 135-2116-01 |
| Trial - 16mm | 135-2116-02 |
| Sizer - 18mm | 135-2118-01 |
| Trial - 18mm | 135-2118-02 |
| Sizer - 20mm | 135-2120-01 |
| Trial - 20mm | 135-2120-02 |
| Sizer - 22mm | 135-2122-01 |
| Trial - 22mm | 135-2122-02 |



Advancing Materials. Advancing Outcomes.™

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