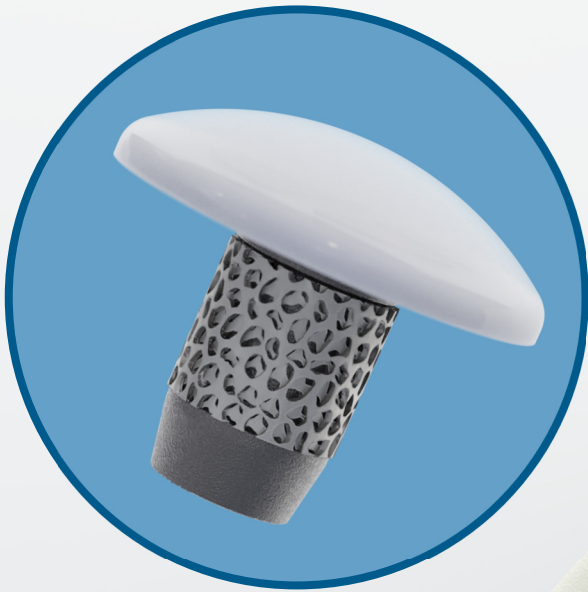


BioPoly

Great Toe

Hemiarthroplasty Implant

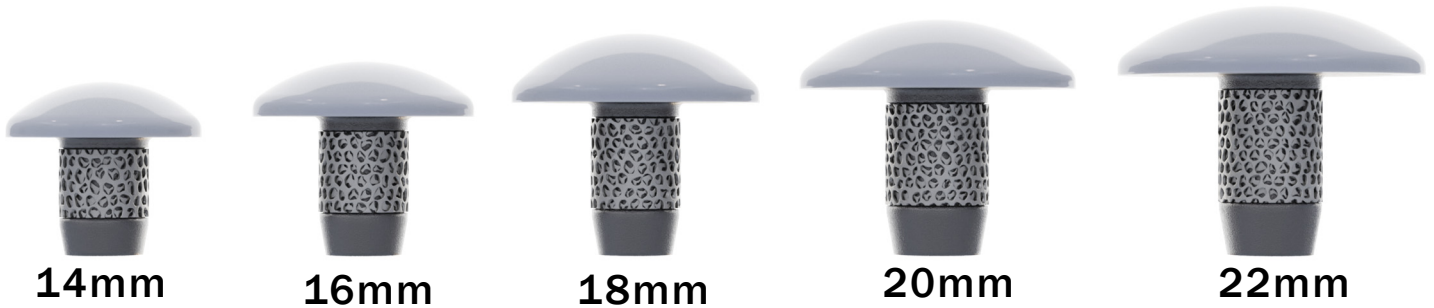


Product Catalog

 **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

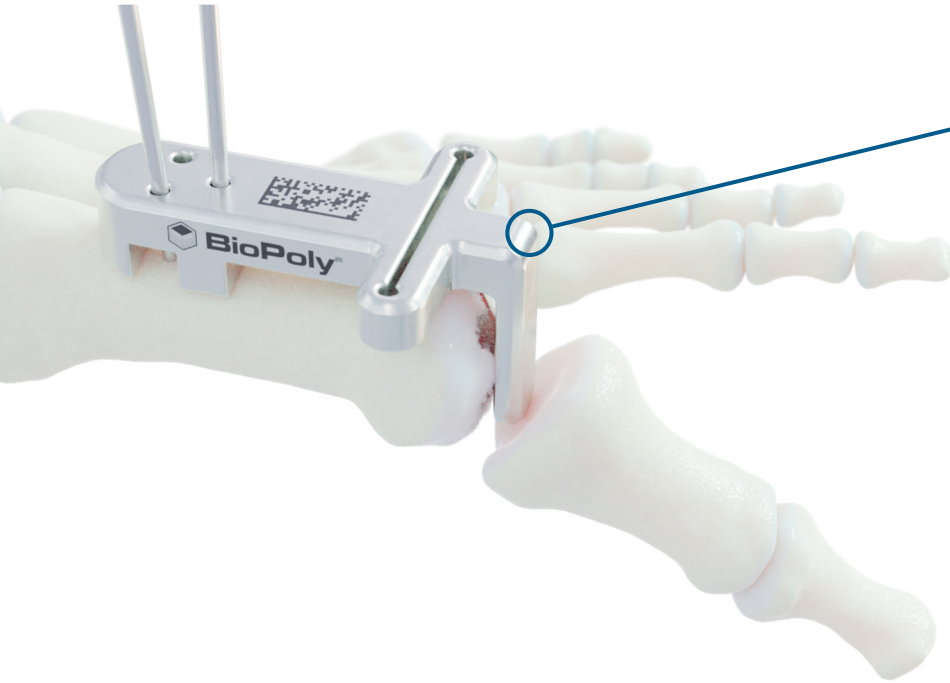
Stem Base

Grit blasted surfaces for added fixation

Product Catalog

Efficient & Reproducible Instrumentation

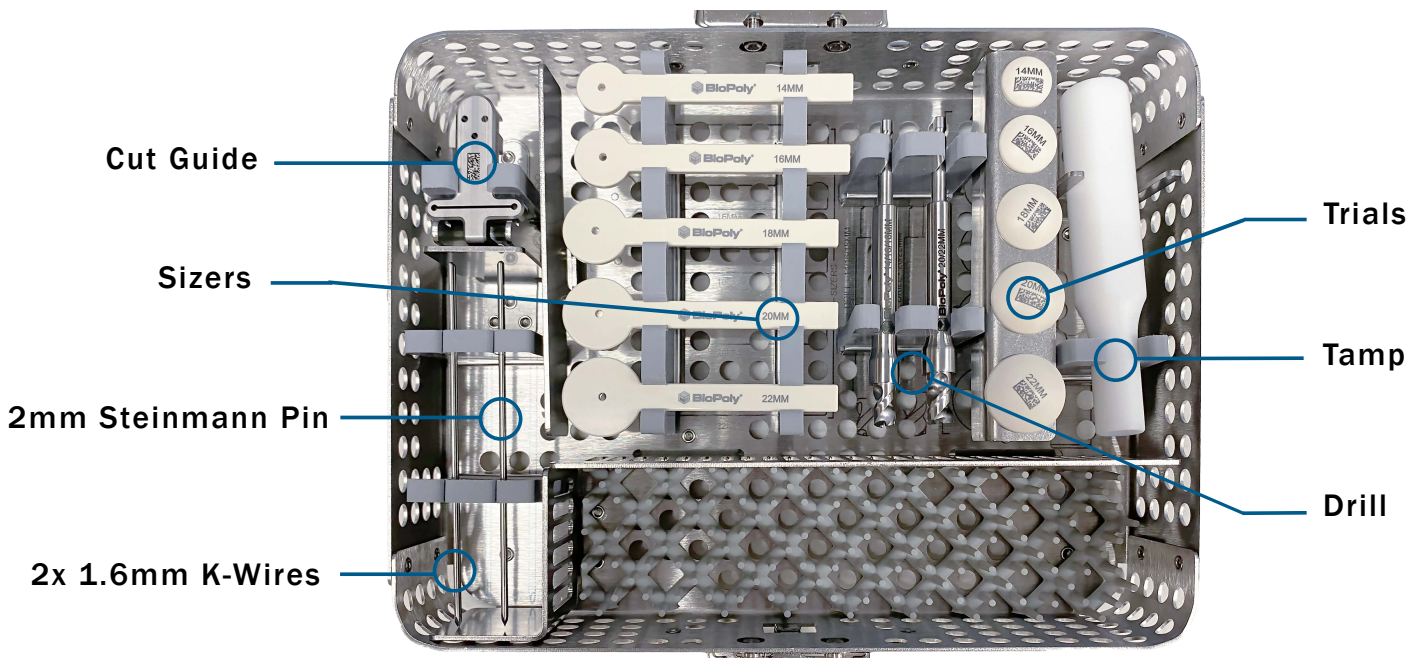
The BioPoly Great Toe Instrument System offers a single-tray Instrument Set to improve Operating Room & Sterile Processing efficiencies. In an effort to provide reproducible bone preparation and implant placement, a metatarsal cut guide was developed. The cut guide ensures adequate amount of resection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

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
2.0mm Pin	135-2100-05
1.6mm Wire	135-2100-06
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.™

Manufactured By:

BioPoly LLC, a Schwartz Biomedical Company
7136 Gettysburg Pike, Fort Wayne, IN 46804, USA
Phone 260.999.6135 | www.BioPolyortho.com

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