



# BioPoly<sup>®</sup> Great & Lesser Toe Hemiarthroplasty Implants

## Setting a new *Gold Standard* for Hemiarthroplasty

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



### BioPoly<sup>®</sup> 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

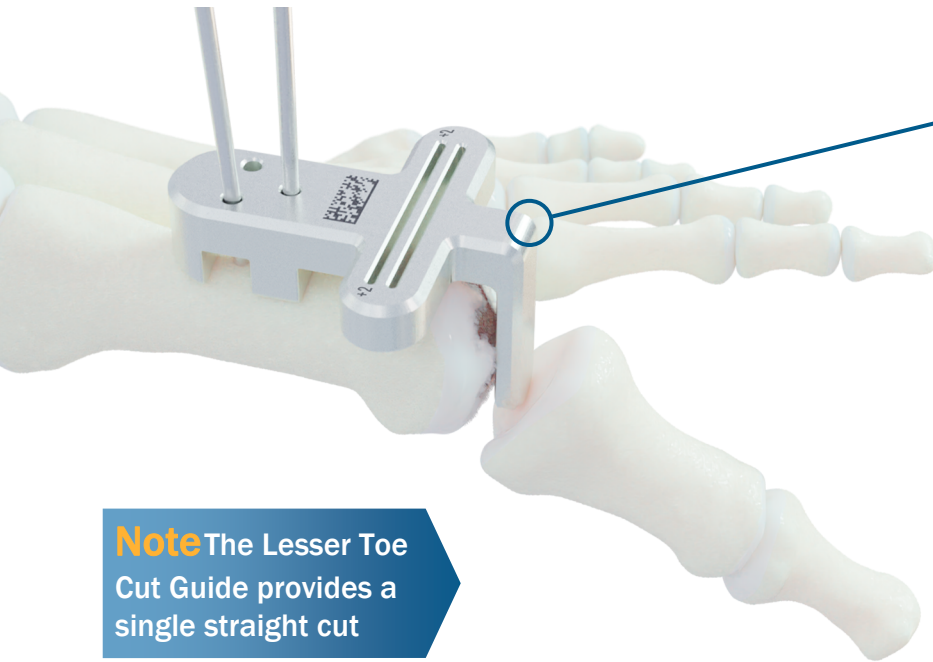
#### Stem Base

Grit blasted surfaces for added fixation

# Product Catalog

## Efficient & Reproducible Instrumentation

The BioPoly Great and Lesser Toe Instrument Systems each offer a single-tray Instrument Set to improve Operating Room & Sterile Processing efficiencies. A cut guide ensures adequate resection amount and angle, providing reproducible bone preparation and implant placement.

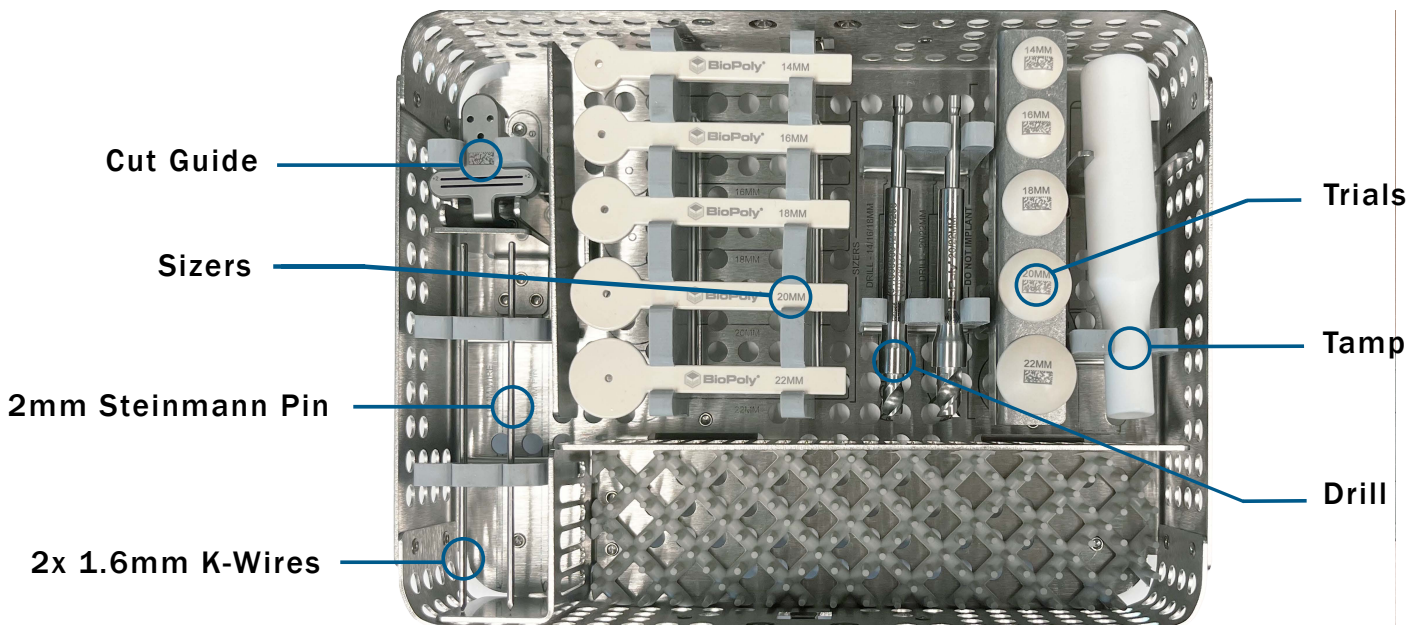


### Great Toe Cut Guide

- 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
- +2mm option for additional decompression

**Note** The Lesser Toe Cut Guide provides a single straight cut

## Instrument Set



Also required: power drill + saw tools, saw blade, 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
Lesser Toe Hemiarthroplasty Implant – 9mm	130-5109
Lesser Toe Hemiarthroplasty Implant – 10mm	130-5110
Lesser Toe Hemiarthroplasty Implant – 11mm	130-5111
Lesser Toe Hemiarthroplasty Implant – 12mm	130-5112
Lesser Toe Hemiarthroplasty Implant – 13mm	130-5113

# Instruments

## Great Toe

Description	Reference
Instrument Set	135-5500
Drill - Small	135-2100-01
Drill - Large	135-2100-02
Insertion Tamp	135-2100-03
1.6mm Wire	135-2100-05
2.0mm Pin	135-2100-06
Cut Guide	135-2100-07
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
Sagittal Blade (Stryker replacement)*	135-2100-08
Sagittal Blade (Conmed replacement)*	135-2100-09


## Lesser Toe

Description	Reference
Instrument Set	130-5500
1.6mm Wire	135-2100-06
Cut Guide	130-2100-01
Drill	130-2100-02
Sizer - 9mm	130-2100-01
Trial - 9mm	130-2100-02
Sizer - 10mm	130-2110-01
Trial - 10mm	130-2110-02
Sizer - 11mm	130-2111-01
Trial - 11mm	130-2111-02
Sizer - 12mm	130-2112-01
Trial - 12mm	130-2112-02
Sizer - 13mm	130-2113-01
Trial - 13mm	130-2113-02
Insertion Tamp	135-2100-03
Sagittal Blade (Stryker replacement)*	135-2100-08
Sagittal Blade (Conmed replacement)*	135-2100-09

\*Available upon request



Advancing Materials. Advancing Outcomes.™

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