



# Trilogy<sup>®</sup> Acetabular System



Versatility in a proven design



# Wide-ranging options. Clear-cut solutions.

Offering a broad selection of shell and liner configurations, the *Trilogy*<sup>®</sup> Acetabular System is designed to help restore kinematic function by addressing the challenges associated with primary and revision acetabular reconstruction. The full-hemisphere, modular system builds on the success of the Harris/Galante and HGP II Porous Acetabular Components. The complete range of sizes and options, combined with proven design features, makes it possible to select an acetabular component that meets both patient need and your preference.

## Shell options to suit varying case needs.

*Trilogy* Shells are coated with commercially pure titanium fiber metal, which is clinically proven to enhance fixation through bone ingrowth.<sup>1-14</sup> It is diffusion-bonded to a *Tivanium*<sup>®</sup> Ti-6Al-4V Alloy substrate. Some styles are also available with *Calcicoat*<sup>®</sup> Ceramic Coating (HA/TCP).



### Uni-holed shell

designed for nonscrew applications, while allowing visual confirmation that the cup is fully seated in the acetabulum.



### Non-holed shell

designed specifically for nonscrew applications.



### Cluster-holed shell

designed for screw fixation applications involving a minimum number of screws.



### Multi-holed shell

designed for additional screw fixation in varying levels of bone quality.



### Spiked shell

designed to provide augmented fixation in nonscrew applications.



### Standard Liner



### 10° Elevated Liner



### 20° Elevated Liner



### 7mm Offset Liner

designed to lateralize the center of rotation of the cup.

Standard, 10° Elevated, and 20° Elevated Liners provide optimal femoral head coverage.



## Proven design features. Supported by long-term clinical experience.



1

**Proprietary locking mechanism** helps prevent dislocation of the liner from the shell, yet provides easy disassembly, if necessary.

2

**Full congruency** between the liner and shell inhibits micromotion as the liner maintains integrity under load and stress.

3

**Anti-rotational tabs** secure the liner firmly in place.

4

**Bottoming-out feature** prevents rim loading and helps to distribute stresses evenly by ensuring uniform metal shell support of the polyethylene liner.

5

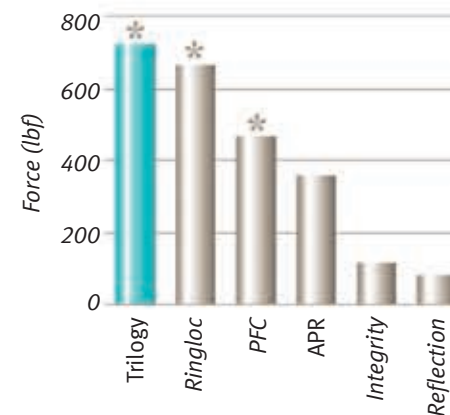
**Polar boss** minimizes transverse forces and helps prevent micromotion by providing an additional stabilization point.



Results of long-term clinical studies show that Zimmer fiber metal cups have achieved extremely high success rates in the acetabulum. A review of 14 studies revealed a success rate of over 98 percent when considering failure of any kind, including radiographic loosening. These outstanding results involved 14 studies at 11 sites, with over 1,600 arthroplasties included. The average follow-up exceeded eight years. *Trilogy* Shells continue to utilize this extremely well-performing ingrowth material.<sup>1-14</sup>

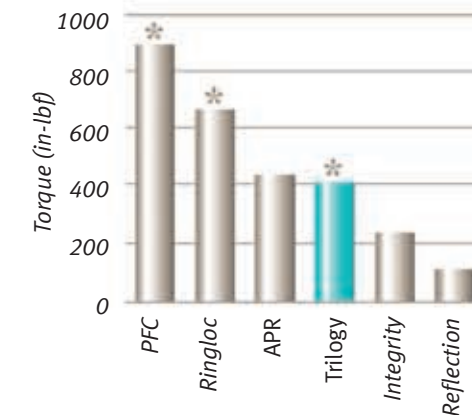
### Validated by rigorous independent testing.<sup>16,17</sup>

#### Push-out Test:



The Trilogy System withstood the greatest amount of force in push-out testing.

#### Micromotion Test: Micromotion testing demonstrated the importance of the Trilogy System's precise machining standards that result in a tight fit between the liner and shell.<sup>16</sup>



Lever-out testing proved the Trilogy System's resistance to high-torque exposure.

\* UHMWPE failure before locking mechanism failure

## Instruments that facilitate technique.

A single set of logical instruments is designed to enhance the flow of the surgical technique, and can be used for both primary and revision procedures. The system includes a full set of provisional shells and liners.



**Quick-release locking mechanism** allows fast, easy liner removal for intraoperative flexibility.



**Acetabular cup positioner** accommodates Gunsight and A-frame alignment guides to help achieve accurate anteversion and forward flexion.



**Polyethylene liner inserter** allows accurate positioning and impaction of liner with one instrument.

# ORDER INFORMATION

## HOLED INSTRUMENT SET

Prod. No.	Description
00-6260-99-02	Trilogy Holed Instrument Set (includes one each of items below)
00-6260-085-01	Case (includes Base and Lid)
00-6260-002-00	Flex Shaft w/Modular Connector
00-6260-003-01	Drill Bit, 15mm
00-6260-003-02	Drill Bit, 30mm
00-6260-003-03	Drill Bit, 45mm
00-6260-006-00	Drill Guide
00-6260-007-01	Tap, 4.5mm
00-6260-007-02	Tap, 6.5mm
00-6260-008-01	Tap Guide, 4.5mm
00-6260-008-02	Tap Guide, 6.5mm
00-6260-010-00	Tap Handle
00-6260-013-00	Screw Holding Forceps, 15°
00-6260-014-00	Screw Holding Forceps, 45°
00-6260-024-00	Straight Screwdriver
00-6260-025-00	Universal Screwdriver
00-6260-026-00	Modular Universal Handle
00-6611-098-00	Depth Gauge

## OPTIONAL/ADDITIONAL INSTRUMENTS

Prod. No.	Description
00-6260-046-00	A-Frame Alignment Guide
00-6611-003-01	Drill Bit, Short-Flexible (HGP II)
00-6611-003-02	Drill Bit, Medium-Flexible (HGP II)
00-6611-003-03	Drill Bit, Long-Flexible (HGP II)
00-6260-015-11	Replaceable Poly Cap (6 ea.)
00-6260-015-12	Replaceable Metal Cap (1 ea.)
00-6260-016-22	Liner Inserter (Vacuum)
00-6260-016-26	Liner Inserter (Vacuum)
00-6260-016-28	Liner Inserter (Vacuum)
00-6260-016-32	Liner Inserter (Vacuum)
00-6260-017-22	Liner Inserter (Mechanical)
00-6260-017-26	Liner Inserter (Mechanical)
00-6260-017-28	Liner Inserter (Mechanical)
00-6260-017-32	Liner Inserter (Mechanical)
00-6260-017-36	Liner Inserter (Mechanical)
00-6260-017-40	Liner Inserter (Mechanical)
00-6611-010-00	HGP II Cup Pusher

## ACETABULAR REAMERS

Prod. No.	Description
00-1206-090-01	Acetabular Reamer System - Standard Kit (36 - 70mm)
00-1206-090-02	Acetabular Reamer System - Jumbo Kit (71 - 80mm)

## SHELL PROVISIONALS

Prod. No.	Description
00-6260-099-04	Shell Provisional Set (includes one each of items below)
00-6260-075-01	Case (includes Base and Lid)
00-6240-040-00	Shell Provisional, 40mm OD
Through ↓	Through ↓
00-6240-070-00	Shell Provisional, 70mm OD
00-6260-099-08	Jumbo Shell Provisional Set (includes one each of items below)
00-6260-090-00	Case (includes Base and Lid)
00-6240-072-00	Shell Provisional, 72mm OD
Through ↓	Through ↓
00-6240-080-00	Shell Provisional, 80mm OD

## LINER PROVISIONALS

LINER PROVISIONALS ARE AVAILABLE IN 2mm INCREMENTS. SHELL SIZES 50, 52, AND 54 USE THE SAME SIZE PROVISIONAL LINER.

### LINER PROVISIONALS 22mm

Prod. No.	Description
00-6260-099-07	Provisional Liner Set - 22mm (includes one each of items listed below)
00-6260-065-01	Case (includes Base and Lid)
00-6260-040-22	Standard Provisional Liner, 22mm
Through ↓	Through ↓
00-6260-070-22	Standard Provisional Liner, 22mm
00-6261-040-22	10° Provisional Liner, 22mm
Through ↓	Through ↓
00-6261-070-22	10° Provisional Liner, 22mm
00-6262-040-22	20° Provisional Liner, 22mm
Through ↓	Through ↓
00-6222-070-22	20° Provisional Liner, 22mm
<b>Standard Jumbo</b>	
00-6260-072-22	Standard Provisional Liner, 22mm
Through ↓	Through ↓
00-6260-080-22	Standard Provisional Liner, 22mm
<b>10° Elevated Jumbo</b>	
00-6261-072-22	10° Provisional Liner, 22mm
Through ↓	Through ↓
00-6261-080-22	10° Provisional Liner, 22mm
<b>20° Elevated Jumbo</b>	
00-6262-072-22	20° Provisional Liner, 22mm
Through ↓	Through ↓
00-6262-080-22	20° Provisional Liner, 22mm

### LINER PROVISIONALS 26mm

Prod. No.	Description
00-6260-099-06	Provisional Liner Set - 26mm (includes one each of items listed below)
00-6260-065-01	Case (includes Base and Lid)
00-6260-042-26	Standard Provisional Liner, 26mm
Through ↓	Through ↓
00-6260-070-26	Standard Provisional Liner, 26mm
00-6261-042-26	10° Provisional Liner, 26mm
Through ↓	Through ↓
00-6261-070-26	10° Provisional Liner, 26mm
00-6262-042-26	20° Provisional Liner, 26mm
Through ↓	Through ↓
00-6262-070-26	20° Provisional Liner, 26mm
<b>Standard Jumbo</b>	
00-6260-072-26	Standard Provisional Liners, 26mm
Through ↓	Through ↓
00-6260-080-26	Standard Provisional Liners, 26mm
<b>10° Elevated Jumbo</b>	
00-6261-072-26	10° Provisional Liner, 26mm
Through ↓	Through ↓
00-6261-080-26	10° Provisional Liner, 26mm
<b>20° Elevated Jumbo</b>	
00-6262-072-26	20° Provisional Liner, 26mm
Through ↓	Through ↓
00-6262-080-26	20° Provisional Liner, 26mm

### LINER PROVISIONALS 28mm

Prod. No.	Description
00-6260-099-03	Provisional Liner Set - 28mm (includes one each of items listed below)
00-6260-065-01	Case (includes Base and Lid)
00-6260-044-28	Standard Provisional Liner, 28mm
Through ↓	Through ↓
00-6260-070-28	Standard Provisional Liner, 28mm

Prod. No.	Description
00-6261-044-28	10° Provisional Liner, 28mm
Through ↓	Through ↓
00-6261-070-28	10° Provisional Liner, 28mm
00-6262-044-28	20° Provisional Liner, 28mm
Through ↓	Through ↓
00-6262-070-28	20° Provisional Liner, 28mm
<b>Standard Jumbo</b>	
00-6260-072-28	Standard Provisional Liner, 28mm
Through ↓	Through ↓
00-6260-080-28	Standard Provisional Liner, 28mm
<b>10° Elevated Jumbo</b>	
00-6261-072-28	10° Provisional Liner, 28mm
Through ↓	Through ↓
00-6261-080-28	10° Provisional Liner, 28mm
<b>20° Elevated Jumbo</b>	
00-6262-072-28	20° Provisional Liner, 28mm
Through ↓	Through ↓
00-6262-080-28	20° Provisional Liner, 28mm

### LINER PROVISIONALS 32mm

Prod. No.	Description
00-6260-099-05	Provisional Liner Set - 32mm (includes one each of items listed below)
00-6260-065-01	Case (includes Base and Lid)
00-6260-048-32	Standard Provisional Liner, 32mm
Through ↓	Through ↓
00-6260-070-32	Standard Provisional Liner, 32mm
00-6261-048-32	10° Provisional Liner, 32mm
Through ↓	Through ↓
00-6261-070-32	10° Provisional Liner, 32mm
00-6262-048-32	20° Provisional Liner, 32mm
Through ↓	Through ↓
00-6262-070-32	20° Provisional Liner, 32mm
<b>Standard Jumbo</b>	
00-6260-072-32	Standard Provisional Liner, 32mm
Through ↓	Through ↓
00-6260-080-32	Standard Provisional Liner, 32mm
<b>10° Elevated Jumbo</b>	
00-6261-072-32	10° Provisional Liner, 32mm
Through ↓	Through ↓
00-6261-080-32	10° Provisional Liner, 32mm
<b>20° Elevated Jumbo</b>	
00-6262-072-32	20° Provisional Liner, 32mm
Through ↓	Through ↓
00-6262-080-32	20° Provisional Liner, 32mm

### LINER PROVISIONALS/INSTRUMENTS 36mm

Prod. No.	Description
00-6260-000-36	Standard Instrument Set - 36mm (includes one each of items below)
00-6261-090-00	Case (includes Base and Lid)
00-6260-050-36	Standard Provisional Liner, 36mm
Through ↓	Through ↓
00-6260-080-36	Standard Provisional Liner, 36mm
00-7695-036-01	6° Femoral Head Provisional
Through ↓	Through ↓
00-7695-036-05	6° Femoral Head Provisional
00-7895-036-01	12/14 Femoral Head Provisional
Through ↓	Through ↓
00-7895-036-05	12/14 Femoral Head Provisional
00-6260-017-36	Liner Inserter

# ORDER INFORMATION

## LINER PROVISIONALS / INSTRUMENTS 40mm

Prod. No.	Description
00-6270-098-40	Standard Liner Instrument Set - 40mm* (includes one each of items below)
00-6270-002-00	Case (includes Base and Lid)
00-6270-058-40	Standard Provisional Liner, 40mm
Through ↓	Through ↓
00-6270-080-40	Standard Provisional Liner, 40mm
00-6261-000-40	Standard Instrument Set - 40mm (includes one each of items below)
00-6270-003-00	Case (includes Base and Lid)
00-6270-058-40	Standard Provisional Liner, 40mm
Through ↓	Through ↓
00-6270-080-40	Standard Provisional Liner, 40mm
00-7895-040-01	12/14 Femoral Head Provisional
Through ↓	Through ↓
00-7895-040-05	12/14 Femoral Head Provisional
00-6260-017-40	Liner Inserter

\* This set is used to convert an old instrument set to the neutral 40mm liner provisionals.

## LINER PROVISIONALS 7mm OFFSET

Prod. No.	Description
00-6265-000-22	7mm Offset Provisional Liner Set - 22mm (includes one each of items below)
00-6265-040-22	7mm Offset Provisional Liner, 22mm
Through ↓	Through ↓
00-6265-070-22	7mm Offset Provisional Liner, 22mm
00-6265-000-26	7mm Offset Provisional Liner Set - 26mm (includes one each of items below)
00-6265-042-26	7mm Offset Provisional Liner, 26mm
Through ↓	Through ↓
00-6265-070-26	7mm Offset Provisional Liner, 26mm
00-6265-000-28	7mm Offset Provisional Liner Set - 28mm (includes one each of items below)
00-6265-044-28	7mm Offset Provisional Liner, 28mm
Through ↓	Through ↓
00-6265-070-28	7mm Offset Provisional Liner, 28mm
00-6265-000-32	7mm Offset Provisional Liner Set - 32mm (includes one each of items below)
00-6265-048-32	7mm Offset Provisional Liner, 32mm
Through ↓	Through ↓
00-6265-070-32	7mm Offset Provisional Liner, 32mm
00-6260-093-00	Case (includes Base and Lid)

## LINER PROVISIONALS - ECCENTRIC

Prod. No.	Description
00-6161-000-28	Eccentric Provisional Liner Set - 28mm (includes one each of items below)
00-6161-064-28	Eccentric Provisional Liner, 28mm
Through ↓	Through ↓
00-6161-080-28	Eccentric Provisional Liner, 28mm
00-6161-000-32	Eccentric Provisional Liner Set - 32mm (includes one each of items below)
00-6161-064-32	Eccentric Provisional Liner, 32mm
Through ↓	Through ↓
00-6161-080-32	Eccentric Provisional Liner, 32mm
00-6260-019-00	Eccentric Liner Inserter Handle
00-6260-019-28	Eccentric Liner Inserter Head, 28mm
00-6260-019-32	Eccentric Liner Inserter Head, 32mm
00-6260-093-00	Case (includes Base and Lid)

## LINER PROVISIONALS - OBLIQUE

Prod. No.	Description
00-6162-000-01	Oblique Provisional Liner Set - 22mm (includes one each of items below)
00-6162-038-22	Oblique Provisional Liner, 22mm
Through ↓	Through ↓
00-6162-048-22	Oblique Provisional Liner, 22mm
00-6162-000-02	Oblique Provisional Liner Set - 28mm (includes one each of items below)
00-6162-050-28	Oblique Provisional Liner, 28mm
Through ↓	Through ↓
00-6162-062-28	Oblique Provisional Liner, 28mm
00-6162-000-03	Oblique Provisional Liner Set - 32mm (includes one each of items below)
00-6162-056-32	Oblique Provisional Liner, 32mm
Through ↓	Through ↓
00-6162-062-32	Oblique Provisional Liner, 32mm
00-6260-093-00	Case (includes Base and Lid)

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