

SELF-CENTERING

Bipolar/Modular Cathcart Unipolar
Modular Endo Heads

Surgical Technique



Responding to the Surgeon

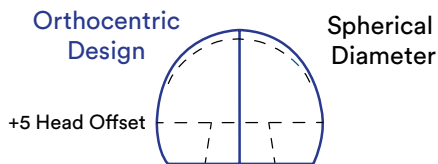
The SELF-CENTERING Bipolar and Modular Cathcart Unipolar Endo Heads add versatility to the DePuy Synthes hip portfolio. Simple modular endo head instrumentation and a variety of trialing options provide the best fit. When combined with the wide range of DePuy Synthes femoral components and the surgeon's preferred technique, the SELF-CENTERING Bipolar can be a cost-effective and efficient approach to femoral neck fractures and avascular necrosis.

SELF-CENTERING Bipolar

The self-centering Bipolar Heads have over thirty years of clinical heritage and are available in sizes ranging from 39-65 mm for 28 mm femoral heads. Positive eccentricity allows for centers to align themselves to the proper anatomic position and proper load distribution when downward force is applied. The bipolar's dual articulation uses primary internal articulation to help reduce secondary acetabular articulation and associated acetabular wear.

Modular Cathcart Unipolar

The Modular Cathcart Unipolar Heads have over 25 years of clinical heritage and are available in sizes 41 mm-60 mm. Neck length adjustment is achieved with the use of tapered spacers. Since the natural femoral head is nonspherical, the Modular Cathcart Unipolar is designed with more material at the apex of the sphere, creating an orthocentric geometry. This design is intended to mimic normal femoral head anatomy and help maintain the circulation of the synovial fluid.



Cathcart Head	Tapered Spacers 12/14 ARTICUL/EZE™	Total Head Offset
+5 Head Offset	-3mm	+2mm
	+0mm	+5mm
	+5mm	+10mm
	+10mm	+15mm



Assembly

SELF-CENTERING Bipolar

■ **Note:** The poly is packaged inside the shell so first thing to do is to use liner release forceps to remove liner from shell then place poly insert on head.

Step 1

After cleaning and drying the femoral neck trunnion, impact the appropriate femoral head onto the stem with the femoral head impactor.

Step 2

Snap the polyethylene liner over the assembled femoral head.

Step 3

Place the shell over the liner and snap it into its locked position. An audible click will be heard when the locking ring snaps into place.

Step 4

Check the interlock of the components, and reduce the bipolar head into the acetabulum.

Modular Cathcart Unipolar

Step 1

After cleaning and drying the femoral neck trunnion, place the tapered spacer onto it using firm manual pressure.

Step 2

Clean and dry the outer portion of the tapered spacer and place the unipolar head onto it.

Step 3

Impact the unipolar head onto the tapered spacer using the femoral head impactor.

Step 4

Check the interlock of the components, and reduce the unipolar head into the acetabulum.

Ordering Information

Modular Cathcart Unipolar Implants

Catalog No. Size

Unipolar Heads

1363-41-000	41 mm
1363-42-000	42 mm
1363-43-000	43 mm
1363-44-000	44 mm
1363-45-000	45 mm
1363-46-000	46 mm
1363-47-000	47 mm
1363-48-000	48 mm
1363-49-000	49 mm
1363-50-000	50 mm
1363-51-000	51 mm
1363-52-000	52 mm
1363-53-000	53 mm
1363-54-000	54 mm
1363-56-000	56 mm
1363-58-000	58 mm
1363-60-000	60 mm

Modular Cathcart Unipolar Tapered Spacers

Catalog No. Size

Tapered Spacers 12/14 ARTICUL/EZE™

1363-08-000	-3 mm
1363-10-000	+0 mm
1363-12-000	+5 mm
1363-14-000	+10 mm

SELF-CENTERING Bipolar Implants

Catalog No. Size

28mm I.D. Bipolar Head

1035-39-000	39 mm
1035-40-000	40 mm
1035-41-000	41 mm
1035-42-000	42 mm
1035-43-000	43 mm
1035-44-000	44 mm
1035-45-000	45 mm
1035-46-000	46 mm
1035-47-000	47 mm
1035-48-000	48 mm
1035-49-000	49 mm
1035-50-000	50 mm
1035-51-000	51 mm
1035-52-000	52 mm
1035-53-000	53 mm
1035-54-000	54 mm
1035-55-000	55 mm
1035-56-000	56 mm
1035-57-000	57 mm
1035-59-000	59 mm
1035-61-000	61 mm
1035-63-000*	63 mm
1035-65-000*	65 mm

Modular Endo Head Trials

Catalog No. Size

Trial Shells

2055-39-000	39 mm
2055-40-000	40 mm
2055-41-000	41 mm
2055-42-000	42 mm
2055-43-000	43 mm
2055-44-000	44 mm
2055-45-000	45 mm
2055-46-000	46 mm
2055-47-000	47 mm
2055-48-000	48 mm
2055-49-000	49 mm
2055-50-000	50 mm
2055-51-000	51 mm
2055-52-000	52 mm
2055-53-000	53 mm
2055-54-000	54 mm
2055-55-000	55 mm
2055-56-000	56 mm
2055-57-000	57 mm
2055-58-000	58 mm
2055-59-000	59 mm
2055-60-000	60 mm
2055-61-000	61 mm
2055-63-000	63 mm
2055-65-000	65 mm

Head Trials (Colors):

Green = BiPolar

Brown = UniPolar

Black = Uni & Bi-Polar

Modular Endo Head Trials

Catalog No. Size

Trial Spacers 12/14 ARTICUL/EZE

2038-16-000	-3 mm Rust
2038-18-000	+0 mm Black
2038-20-000	+5 mm Green
2038-22-000	+10 mm Blue

Modular Endo Head Instruments

Catalog No. Size

Head Sizers

2055-18-000	41 - 46 mm
2055-20-000	47 - 51 mm
2055-22-000	52 - 56 mm
2055-24-000	57 - 61 mm

Catalog No. Size

19-5580	Liner Release Forceps
2055-11-000	Instrument Case
2055-12-000	Trial Handle, Straight
2055-13-000	Trial Handle, Angled
2055-14-000	Adapter Removal Inst.
2055-16-000	Bipolar Retaining Clip, 28 mm Rust

This publication is not intended for distribution outside the EMEA region.

The third-party trademarks used herein are the trademarks of their respective owners.

Please refer to the instructions for use for a complete list of indications, contraindications, warnings and precautions.



DePuy Orthopaedics, Inc.

700 Orthopaedic Drive
Warsaw, IN 46582
USA

Tel: +1 (800) 366 8143
Fax: +1 (800) 669 2530

DePuy Ireland UC

Loughbeg
Ringaskiddy
Co. Cork
Ireland

Tel: +353 21 4914 000
Fax: +353 21 4914 199

www.jnjmedtech.com