

Bipolar Head

Partial Hip Replacement



Aesculap Orthopaedics

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Partial hip replacements using Bipolar hip systems can be a reliable and effective treatment option for hip fractures and diseased femoral heads and/or necks. The Bipolar shell articulates against the host acetabular articular cartilage, preserving acetabular bone stock for future considerations.

The System:

- Highly polished cobalt-chromium outer shell
- Preassembled, monoblock construction
- Self-centering design
- Outer diameter size range from 40-46 mm is compatible with 22.2 mm femoral heads
- Outer diameter size range from 47-60 mm is compatible with 28 mm femoral heads
- Various neck lengths available to properly restore joint biomechanics

The Stability:

- Recessed head allows for a self-centering design, optimizing load transfer and reducing wear
- Detachable, inner retaining ring prevents the prosthesis head from dislocating

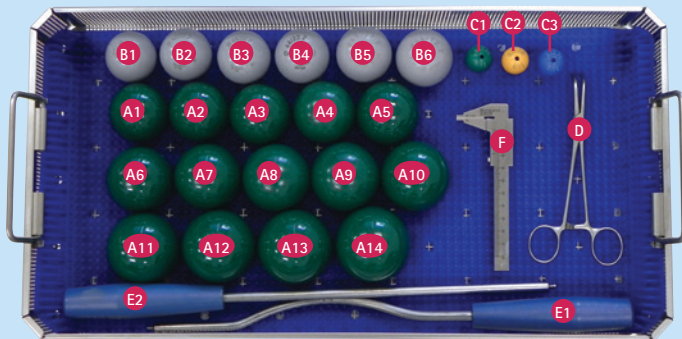
The Integrity:

- Durable connection between polyethylene insert and metal shell prevents micromotion and polyethylene wear
- Polyethylene thickness of at least 5 mm provides excellent wear performance

The Instrumentation:

- One instrument tray facilitates operating room efficiency
- Trial shells allow both sizing and trialing, providing adaptability with preferred surgical technique





- UHMWPE
- ISODUR[™]_c

Bipolar Trial and Sizer Instrument Set

Index	Qty.	Item No.	Description
A1-14	1 ea.	NF747, NF748, NF749, NF750, NF751, NF752, NF753, NF754, NF755, NF756, NF757, NF758, NF759, NF762	Trial Bipolar Shell, ID 28 mm - OD 47 mm, 48 mm, 49 mm, 50 mm, 51 mm, 52 mm, 53 mm, 54 mm, 55 mm, 56 mm, 57 mm, 58 mm, 59 mm, 60 mm
B1-6	1 ea.	NF721, NF722, NF723, NF724, NF725, NF726	Trial Bipolar Shell, ID 22.2 mm - OD 41 mm, 42 mm, 43 mm, 44 mm, 45 mm, 46 mm
C1-3	1	NG281, NG282, NG283	Trial Head 8/10 22.2 mm S, M, L
D	1	ND930R	Locking Ring Forceps
E1-2	1 ea.	NF770R, NF771R	Trial Inserter - Straight, Curved
F	1	AA847R	Caliper Measurers in Diameter 100 mm
	1	MD898	Instrument Pad
	1	JF213R	Tray
	1	JH217R	1/1 Size Perforated Basket Lid 489 x 257 mm or JF217R

Bipolar Implant Options

Item No.	Description of Head Size and Shell Size
NK021K	Bipolar Shell, ID 22.2 mm, OD 41 mm
NK022K	Bipolar Shell, ID 22.2 mm, OD 42 mm
NK023K	Bipolar Shell, ID 22.2 mm, OD 43 mm
NK024K	Bipolar Shell, ID 22.2 mm, OD 44 mm
NK025K	Bipolar Shell, ID 22.2 mm, OD 45 mm
NK026K	Bipolar Shell, ID 22.2 mm, OD 46 mm
NK047K	Bipolar Shell, ID 28 mm, OD 47 mm
NK048K	Bipolar Shell, ID 28 mm, OD 48 mm
NK049K	Bipolar Shell, ID 28 mm, OD 49 mm
NK050K	Bipolar Shell, ID 28 mm, OD 50 mm
NK051K	Bipolar Shell, ID 28 mm, OD 51 mm
NK052K	Bipolar Shell, ID 28 mm, OD 52 mm
NK053K	Bipolar Shell, ID 28 mm, OD 53 mm
NK054K	Bipolar Shell, ID 28 mm, OD 54 mm
NK055K	Bipolar Shell, ID 28 mm, OD 55 mm
NK056K	Bipolar Shell, ID 28 mm, OD 56 mm
NK057K	Bipolar Shell, ID 28 mm, OD 57 mm
NK058K	Bipolar Shell, ID 28 mm, OD 58 mm
NK059K	Bipolar Shell, ID 28 mm, OD 59 mm
NK060K	Bipolar Shell, ID 28 mm, OD 60 mm

Implant Materials:

UHMWPE Ultra high molecular weight polyethylene (ISO 5834-2)
ISODUR[™]_c Cobalt-chromium (CoCr29MO / ISO 5832-4)

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