

MODULAR BIPOLAR CUP UNCEMENTED



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MODULAR BIPOLAR CUP UNCEMENTED

It is designed to be used in hemiarthroplasty procedures, especially for femoral neck fractures and femoral head necrosis.

Here, the femoral components of the joint are equipped with a prosthesis, while the acetabulum remains in its natural state.

The basic concept is based on a double-headed system. The eccentricity of the rotation centers of the sphere and the outer shell of the Bipolar Cup leads to automatic centring in the acetabulum.

Advantages of Bipolar Hip Arthroplasty

- Simple operation technique
- Early mobilization and rapid rehabilitation due to low surgical trauma
- Maximized dislocation safety

The bipolar insert part is made of certified PE-UHMW material in accordance with ISO 5834-2 standard.

The Bipolar Cup is made of certified CoCrMo alloy in accordance with ISO 5832-4 standard.



Note: Read the instructions for use carefully and if you have any questions regarding product compatibility, please contact your TIPSAN representative.

This document is intended as a guide for surgeons, but there are multiple techniques for its application and, as with any surgical procedure, the surgeon must be thoroughly trained and ensure that the procedure is appropriate for the patient.

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MODULAR BIPOLAR CUP UNCEMENTED (CoCrMo-PEUHMW)



| Head Size | Metal Shell Size | CoCrMo - PEUHMW |
|-----------|------------------|-----------------|
| Ø28 mm | 41 mm * | 10261283041 |
| Ø28 mm | 42 mm | 10261283042 |
| Ø28 mm | 43 mm * | 10261283043 |
| Ø28 mm | 44 mm | 10261283044 |
| Ø28 mm | 45 mm * | 10261283045 |
| Ø28 mm | 46 mm | 10261283046 |
| Ø28 mm | 47 mm * | 10261283047 |
| Ø28 mm | 48 mm | 10261283048 |
| Ø28 mm | 49 mm * | 10261283049 |
| Ø28 mm | 50 mm | 10261283050 |
| Ø28 mm | 51 mm * | 10261283051 |
| Ø28 mm | 52 mm | 10261283052 |
| Ø28 mm | 53 mm * | 10261283053 |
| Ø28 mm | 54 mm | 10261283054 |
| Ø28 mm | 55 mm * | 10261283055 |
| Ø28 mm | 56 mm | 10261283056 |
| Ø28 mm | 57 mm * | 10261283057 |
| Ø28 mm | 58 mm | 10261283058 |
| Ø28 mm | 59 mm * | 10261283059 |
| Ø28 mm | 60 mm | 10261283060 |
| Ø28 mm | 61 mm * | 10261283061 |
| Ø28 mm | 62 mm | 10261283062 |
| Ø28 mm | 63 mm * | 10261283063 |
| Ø28 mm | 64 mm | 10261283064 |

* Özel üretim

Surgical Steps

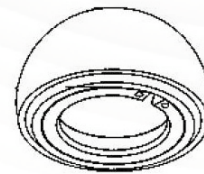
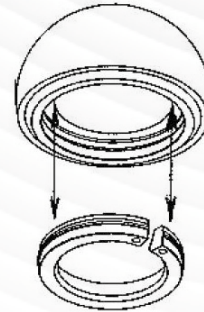
After the removal of the femoral head, the head diameter is determined using the Sphere Diameter. The appropriately sized Bipolar Test and Direction Indicator are mounted. A trial is performed inside the acetabulum. Direction Indicator is removed. The test sphere should be placed in the Bipolar Test and the control of the system should be performed after the positioning of the Test Sphere with the test or real stem. Place the hip in place to check the stability of the joint and the leg length.

The Bipolar Cup to be applied should be the same size as the Test Bipolar. The segment scissors are placed in the 2 holes in the segment on the Bipolar Cup and pressed until the segment is separated from the bipolar cup and removed.

The tested appropriate sphere is pressed into the bipolar cup.

After placing the segment, manually press the segment into the bipolar cup until you hear a click to lock it.

Drive the combined Modular Sphere and Bipolar Cup into the conical part of the implanted stem with the Prosthesis Driver. Place the Bipolar Cup into the acetabular space with the prosthesis driver.



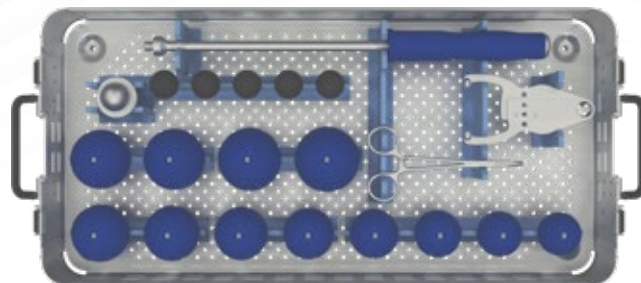
Bipolar Dismantling

If the bipolar cup and stem are to be disassembled, this must be done with a snap ring cutter. The snap ring cutter is inserted into the two holes on the locking ring and pressed. The bipolar cup can be easily removed by removing the locking ring.

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TRAY 1

28003060001 / 210



| Code | Description | Unit |
|-------------|---------------------------------------|------|
| 10601271101 | Bipolar Cup Clamp | 1 |
| 10602180010 | Cup Impactor Straight | 1 |
| 10602180013 | Attachment for Cup Impactor - Bipolar | 1 |
| 10608021011 | Gauge For Femoral Head | 1 |



| Code | Description | Unit |
|-------------|--|------|
| 10608108301 | Modular Test Head (locking type) for Bipolar / Ø28 - 12*14 Cone - S | 1 |
| 10608108302 | Modular Test Head (locking type) for Bipolar / Ø28 - 12*14 Cone - M | 1 |
| 10608108303 | Modular Test Head (locking type) for Bipolar / Ø28 - 12*14 Cone - L | 1 |
| 10608108304 | Modular Test Head (locking type) for Bipolar / Ø28 - 12*14 Cone - XL | 1 |
| 10608108305 | Modular Test Head (locking type) for Bipolar / Ø28 - 12*14 Cone - XXL | 1 |
| 10608118342 | Locking Bipolar Test Head / 42 | 1 |
| 10608118344 | Locking Bipolar Test Head / 44 | 1 |
| 10608118346 | Locking Bipolar Test Head / 46 | 1 |
| 10608118348 | Locking Bipolar Test Head / 48 | 1 |
| 10608118350 | Locking Bipolar Test Head / 50 | 1 |
| 10608118352 | Locking Bipolar Test Head / 52 | 1 |
| 10608118354 | Locking Bipolar Test Head / 54 | 1 |
| 10608118356 | Locking Bipolar Test Head / 56 | 1 |
| 10608118358 | Locking Bipolar Test Head / 58 | 1 |
| 10608118360 | Locking Bipolar Test Head / 60 | 1 |
| 10608118362 | Locking Bipolar Test Head / 62 | 1 |
| 10608118364 | Locking Bipolar Test Head / 64 | 1 |

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TIPSAN Tıbbi Aletler San. ve Tic. A.Ş.

Yunus Emre Mahallesi,
7404/1 Sokak No:3, 35060
Pınarbaşı, Bornova / İzmir - Türkiye

Tel : +90 232 479 5654

+90 232 479 8785

Fax : +90 232 479 5827

E-posta : pazarlama@tipsan.com.tr
export@tipsan.com.tr

www.tipsan.com.tr

