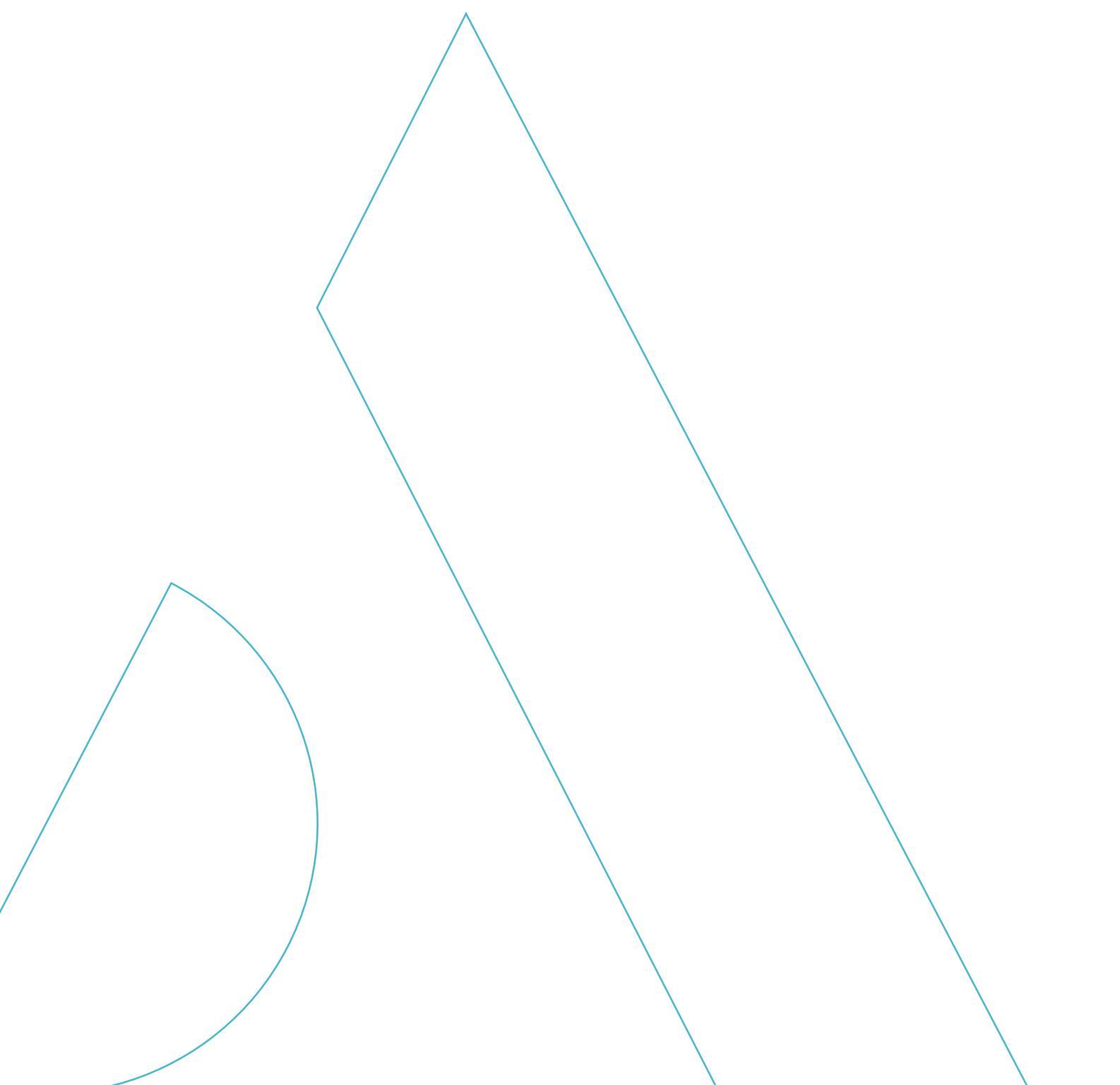


 spheric

 amplitude



**Surgical Technique**



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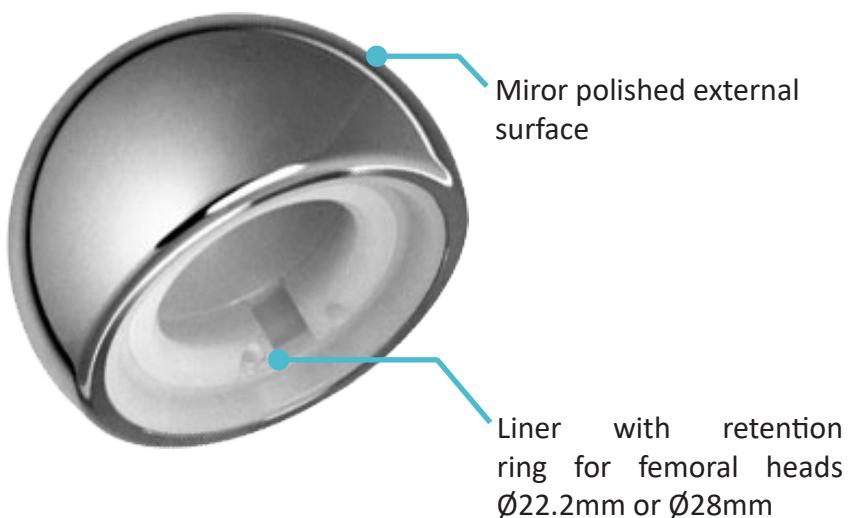
# Concept and range

**SPHERIC : Bipolar cup for intermediate hip prosthesis:**



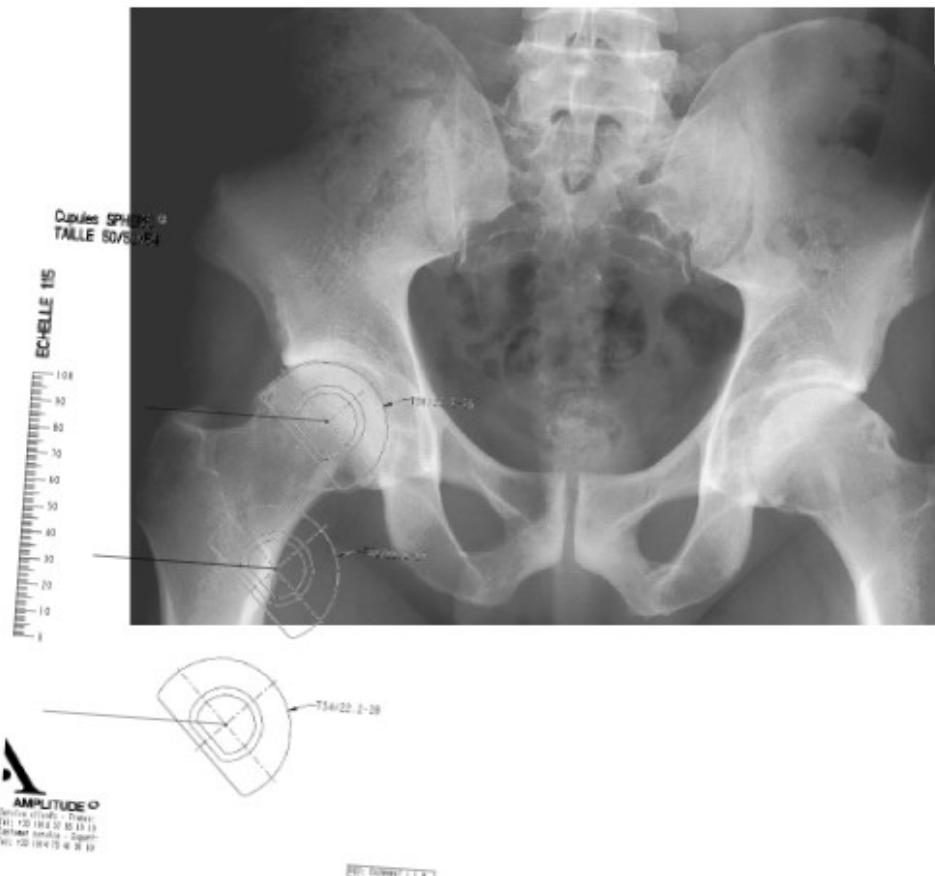
	$\varnothing 40\text{mm}$	$\varnothing 42\text{mm}$	$\varnothing 44\text{mm}$	$\varnothing 46\text{mm}$	$\varnothing 48\text{mm}$	$\varnothing 50\text{mm}$	$\varnothing 52\text{mm}$	$\varnothing 54\text{mm}$	$\varnothing 56\text{mm}$	$\varnothing 58\text{mm}$
Liner for $\varnothing 22.2\text{mm}$ femoral head										
Liner for $\varnothing 28\text{mm}$ femoral head										

11 sizes available with 2 mm increment: from 40/22.2 to 58/28



**Material :** Stainless steel and polyethylene UHMWPE

# 1 Pre-operative planning



Using the radiographs and templates:

- Determine the joint centre
- Determine the cup size

#### NOTE

The provided templates have a 115% scale, but are also available with other scaling upon request.

#### REMINDER

The purpose of this surgical technique description is to provide instructions on how to use the instrumentation properly. The surgeon is fully responsible for choosing and performing the approach and surgical technique

## 2 Approach and trials

### Surgical approach

The bipolar cup SPHERIC can be implanted through any of the standard surgical approaches used for hip surgery.

### Femoral neck cut

Once arthrotomy is performed, expose the femoral neck. Cut the femoral neck at the desired level and extract the femoral head.

### Femoral head measurement

Measure the extracted femoral head and assess the bipolar cup diameter needed. If the measurement remains between two diameters, select the smaller one.

### Neck length adjustment

Follow the surgical technique provided with the femoral stem being used.

### Trials

Use the trial cups and universal handle to verify if the SPHERIC cup size that was chosen based on femoral head measurement is correct. Select the size that best fills acetabulum.

### Neck length and head size selection

Select the final SPHERIC bipolar cup of the same size as determined previously and with the desired head diameter: 22.2mm or 28mm.

Place the cup on the trial neck for femoral broaches and reduce the joint.

Assess the stability and mobility of the joint. If extra-medullary settings are not satisfying, use a different neck length and repeat the trials.

### 3 Implementation of the final implant



Figure 1

Figure 2

Figure 3

Figure 4

Once the selected femoral stem has been implanted, place the retentive ring around the neck (Figure 1)

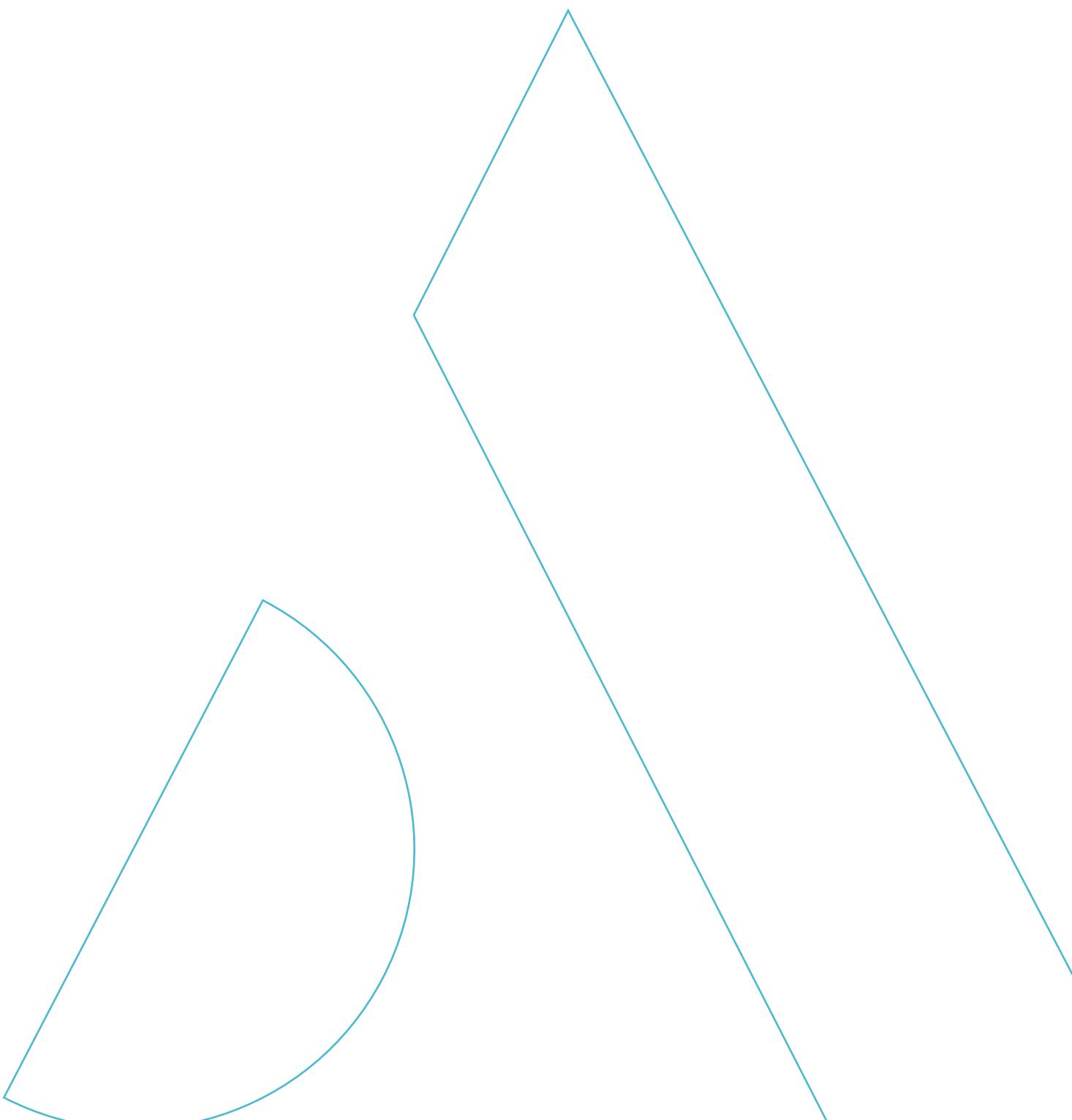
Put the selected femoral head in place (Figure 2) according to the instructions provided in the femoral stem's surgical technique.

Place the Spheric cup onto the femoral head (Figure 3), and insert the retentive ring into the cup (Figure 4) with the clamp. The small hooks at the tips of the clamp are used to securely hold the ring during insertion.

Check the hold of the cup and then reduce the joint.

**NOTE**

The two holes on the ring should face the femur.



# Instrumentation

## Instrumentation for SPHERIC cup



Item	Description	Reference	Qty
1	Clamp for locking ring	2-0104600	1
2	Trial cup Size <b>42 à 58</b>	2-0100142 à 2-0100158	1 of each
3	Universal handle	2-0101000	1





*Products availability may vary depending on countries. Please check availability with your local representative.*

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