



# AVATAR

CEMENTED HIP SYSTEM



Stem positoner lock to  
achieve precise anteversion

Enabling  
a better life



- AIMED AT HIGHER STABILITY,  
GREATER LONGEVITY AND  
COMFORTABLE MOVEMENT
- SUCCESSFUL CLINICAL HERITAGE  
OF OVER 35 YEARS
- AT PAR WITH INTERNATIONAL STANDARDS

**MADE IN UK**  
(COMPONENTS)

# Features & Benefits:

- Forged High-Nitrogen SS316L for Femoral Heads & Stem endures 50% higher tensile strength, imported from Orchid Orthopedic Solutions, U.K.
- Highly, Polished double tapered stem design helps to create radial compressive loading & less friction between the cement mantle & the implant reducing potential for third body wear
- Collarless neck helps to facilitate adjustments & allows intra-operative leg length adjustment aided by reference points/ laser markings on both the stem and the rasp for optimal stem depth assessment
- Comprehensive selection of size ranges and offsets
- Variable head offset options offer beneficial solutions for almost every anatomy
- 12/14 Neck Taper
- Acetabular Cup made from UHMWPE, imported from Orthoplastics U.K. with grooves for better fixation with cement & a 15 degree hood to prevent posterior dislocation
- Centralizer is designed to allow stem to engage distally within the cement mantle, subjecting the cement to compressive loading, and reducing end bearing of the stem directly onto the cement.
- Tamper-Proof blister Packaging ensures implant safety



## Total hip system



**Acetabular Cup**  
44 mm - 60 mm  
(2mm increments)



**Femoral Head**  
28 mm (-4, 0, +4, +8)  
22.2 mm (-4,0,+4)

## Centralisers



With Fin



Without Fin

## IM Plugs



5 Sizes

Dia (mm)	Length (mm)
8	14.5
10	14.6
12	17.5
14	20
16	24.5

## Stem Specifications

Stem Size	Total Length(mm) A	Head offset(mm) B	Neck length(mm) C	Neck Shaft Angle D
1	127.25	35	37	125°
1.5	138	35	38	125°
2	149.25	35	39	125°
3	149.25	38	41	125°
4	149.25	39	44	125°
5	149.25	39	45	125°

## Partial hip system



### Bipolar Head

For Outer Dia. 39 - 43  
Internal Head Dia. 22.2 (-4, 0, +4)

For Outer Dia. 45 - 53  
Internal Head Dia. 28 (-4, 0, +4, +8)  
(2mm increments in OD)



## What's new!

Stem positioner  
for precise  
anteversion