

HIP



DOCUMENTATION

DUAL MOBILITY CUP,
CEMENTED OR CEMENTLESS

Hip & go

GROUP
FH ORTHO™

Dual mobility acetabular cup

P^r Gilles Bousquet invented the concept of dual mobility more than thirty years ago; the idea is to ensure articular stability. FH ORTHOPEDICS took over the concept of dual mobility with Hip'n Go, offering a large range of implants, making it possible to satisfy a maximum of indications.

Concept

The Hip'n Go concept of universality offers a preoperative and peroperative choice between a dual mobility cup (press-fit, tripod or cemented) and a rigid cup (ceramic Biolox Delta insert or UHMWPE insert).

Range and material

Dual mobility acetabular cups are available in 10 sizes, ranging from a 46mm diameter to a 64 mm diameter in 2 mm increments.

The inserts are available in an inner diameter of 22.2 mm for a size 46 and an inner diameter of 28 mm for sizes 48 to 64mm.

- Metal-backs are made of CoCr (Cobalt Chrome) and mirror polished on the inner surface.
- Press-fit cementless dual mobility cups and tripod are covered with a T40 titanium spray on the outer surface and a hydroxyapatite coating that facilitates secondary fixation of the implant.
- Cemented dual mobility cups are mirror polished on the outer surface and grooves ensure compression and fixation of the cement.
- The inserts are made of UHMWPE polyethylene (Ultra High Molecular Weight Polyethylene).



Hip'n Go dual mobility press-fit



Hip'n Go dual mobility tripod



Hip'n Go dual mobility, cemented

Press-fit

The metal-backs of the cementless and tripod press-fit dual mobility Hip'n Go cups are hemispherical with an equatorial flare and a crenelated macrostructure enabling primary fixation through press-fit.

Three peripheral wings increase the press-fit and avoid the cup from rotating in the receiving bone.



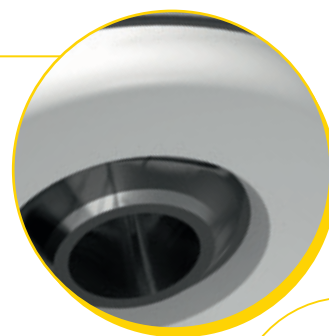
Stability

The stability principles defined by Pr Bousquet require the hemispherical part of the dual mobility cups to be prolonged on the upper part with a 4 mm cap which improves the congruence of the system.



Insert

Minimum thickness of polyethylene inserts is assured in order to prevent any risk of creep. The geometry of the inserts has been studied to ensure maximum head/insert clearance in order to limit wear. It is for this reason that the inserts are equipped with an inner groove. These inserts are available in diameter 22.2 mm (for S46) and 28mm (from size S48 upwards).



Pegs and malleable flange

The pegs of the tripod dual mobility Hip'n go cup are impacted into the metal back. Internal threading has been added to facilitate extraction in case of need.

The tripod flange is made out of Cobalt Chrome like the rest of the cup and receives round-headed cortical screws ranging in sizes from 30mm to 60mm supplied in the instrument set. The malleable flange must be tight in the roof of the cup.



Acetabular reinforcement

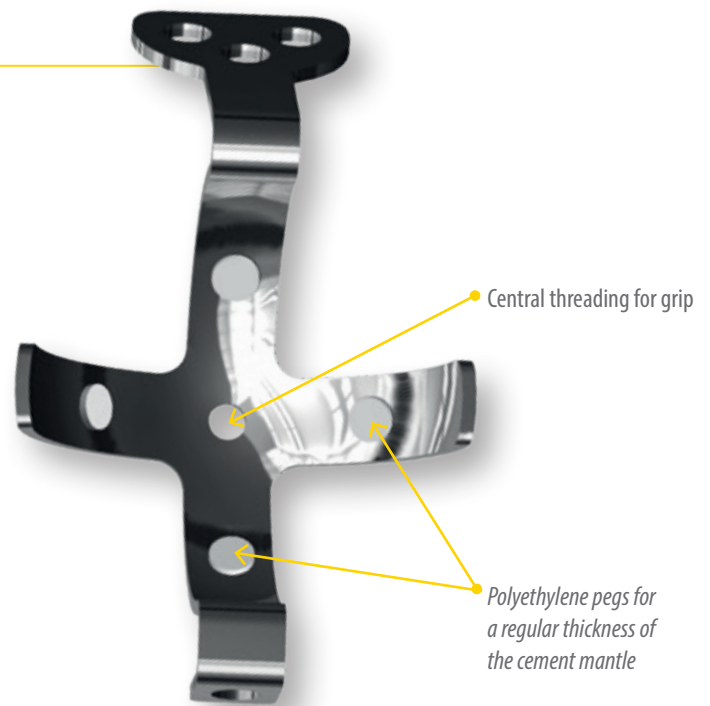
A range of Kerboul acetabular reinforcements cross-plate devices supplement the cemented dual mobility Hip'n Go range. These devices aim to aid acetabular reconstruction and they are available in 4 inner dimensions :

- Ø50mm
- Ø54mm
- Ø58mm
- Ø62mm

This reinforcement has the following advantages:

- A peg on the proximal part enabling fixation using 3 cortical screws.
- Central threading for grip

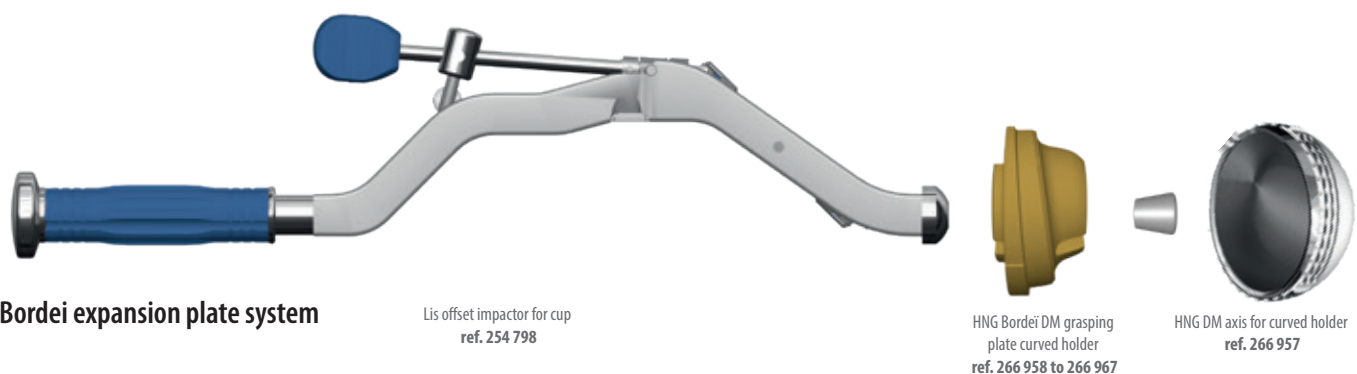
4 polyethylene pegs that ensure a regular 1.5mm density cement and also eliminate the risk of galvanic corrosion due to absence of contact between the different materials of the cross-plate and cup.



Instrumentation

The specific Hip'n go instrumentation is a common instrumentation to the three types of dual mobility cups, cementless press-fit or tripod and cemented, offered in this range. This instrument set enables all approaches, even mini-invasive approaches.

Impaction handles are available for posterior approach and anterior approaches.



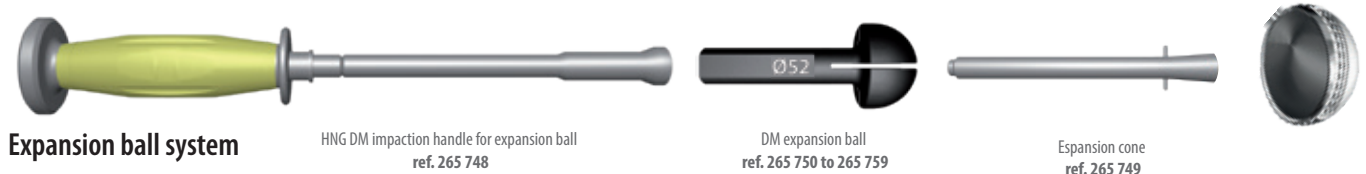
Bordei expansion plate system

Lis offset impactor for cup
ref. 254 798

HNG Bordei DM grasping
plate curved holder
ref. 266 958 to 266 967

HNG DM axis for curved holder
ref. 266 957

Or



Expansion ball system

HNG DM impaction handle for expansion ball
ref. 265 748

DM expansion ball
ref. 265 750 to 265 759

Expansion cone
ref. 265 749

REFERENCES

[Dual mobility cups]



PRESSFIT DUAL MOBILITY CUPS

256 688	Press-fit dual mobility S46
256 689	Press-fit dual mobility S48
256 690	Press-fit dual mobility S50
256 691	Press-fit dual mobility S52
256 692	Press-fit dual mobility S54
256 693	Press-fit dual mobility S56
256 694	Press-fit dual mobility S58
256 695	Press-fit dual mobility S60
256 696	Press-fit dual mobility S62
256 697	Press-fit dual mobility S64

DUAL MOBILITY INSERTS

256 709	Dual mobility insert Ø 22 S46
256 720	Dual mobility insert Ø 28 S48
256 721	Dual mobility insert Ø 28 S50
256 722	Dual mobility insert Ø 28 S52
256 723	Dual mobility insert Ø 28 S54
256 724	Dual mobility insert Ø 28 S56
256 725	Dual mobility insert Ø 28 S58
256 726	Dual mobility insert Ø 28 S60
256 727	Dual mobility insert Ø 28 S62
256 728	Dual mobility insert Ø 28 S64



TRIPOD DUAL MOBILITY CUPS

256 698	Tripod dual mobility S46
256 699	Tripod dual mobility S48
256 700	Tripod dual mobility S50
256 701	Tripod dual mobility S52
256 702	Tripod dual mobility S54
256 703	Tripod dual mobility S56
256 704	Tripod dual mobility S58
256 705	Tripod dual mobility S60
256 706	Tripod dual mobility S62
256 708	Tripod dual mobility S64

CORTICAL FIXATION SCREW*

260 594	Ø4,5 L.30
260 597	Ø4,5 L.36
260 599	Ø4,5 L.40
260 602	Ø4,5 L.46
260 604	Ø4,5 L.50
260 607	Ø4,5 L.56
260 609	Ø4,5 L.60

FIXATION PEGS**

256 729	Tripod cup peg
---------	----------------

* Supplied with instrument set.

** 2 pegs are supplied in sterile packaging with the cups.



CEMENTED DUAL MOBILITY ACETABULAR CUP

264 388	Cemented dual mobility acetabular S46
264 389	Cemented dual mobility acetabular S48
264 390	Cemented dual mobility acetabular S50
264 391	Cemented dual mobility acetabular S52
264 392	Cemented dual mobility acetabular S54
264 393	Cemented dual mobility acetabular S56
264 394	Cemented dual mobility acetabular S58
264 395	Cemented dual mobility acetabular S60
264 396	Cemented dual mobility acetabular S62
264 397	Cemented dual mobility acetabular S64

REFERENCES

Hip'n go

[Kerboull cross-plate]



KERBOULL CROSS-PLATE

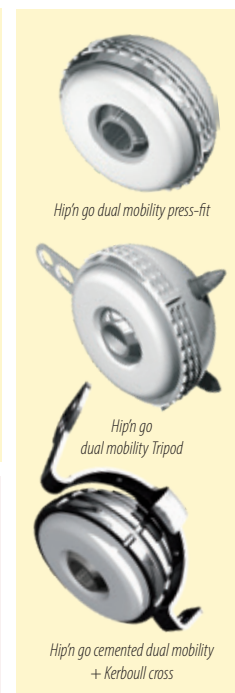
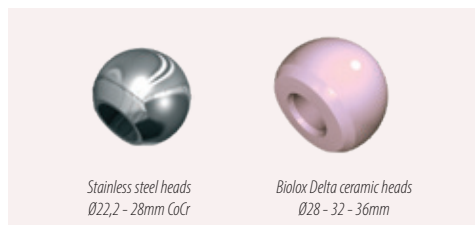
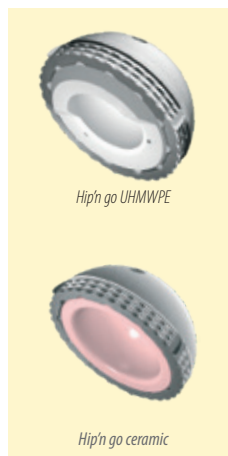
Ref.	Internal diameter	External diameter	Acetabular cup diameter
264 954	S50	S54	S46
264 955	S54	S58	S48-50
264 956	S58	S62	S52-54
264 957	S62	S66	S56-58

CORTICAL FIXATION SCREW*

260 594	Ø4,5 L.30
260 597	Ø4,5 L.36
260 599	Ø4,5 L.40
260 602	Ø4,5 L.46
260 604	Ø4,5 L.50
260 607	Ø4,5 L.56
260 609	Ø4,5 L.60

* Supplied in Instrument set

OTHER IMPLANTS OF THE RANGE



DISTRIBUTEURS
DISTRIBUTORS

GROUPE
FH ORTHO™

FR, FH ORTHO SAS
3 rue de la Forêt - Zone Industrielle
BP 50009
68990 Heimsbrunn CEDEX - FRANCE
Tél. +33 (0)3 89 81 90 92
Fax : +33 (0)3 89 81 80 11
info@fortho.com
www.fortho.com

USA, FH ORTHOPEDICS INC.
OrthoEx
7327 E Tierra Buena Lane
Scottsdale, Arizona 85260 - USA
Phone: +1 (412) 965-0950
customerservice@fortho-us.com
www.fortho.com

PL, FH ORTHO POLSKA
Ul. Garbary 95/A6,
61-757 Poznan - POLSKA
Phone: +48 61 863 81 27
Fax: +48 61 863 81 28
biuro@implants24.pl
www.fortho.com



FABRICANT
MANUFACTURER

FR, FH INDUSTRIE
6 rue Nobel, Z.I. de Kernevez
29000 QUIMPER - FRANCE
Tél. +33 (0)2 98 55 68 95
Fax : +33 (0)2 98 53 42 13
contact-fhi@fortho.com
www.fortho.com