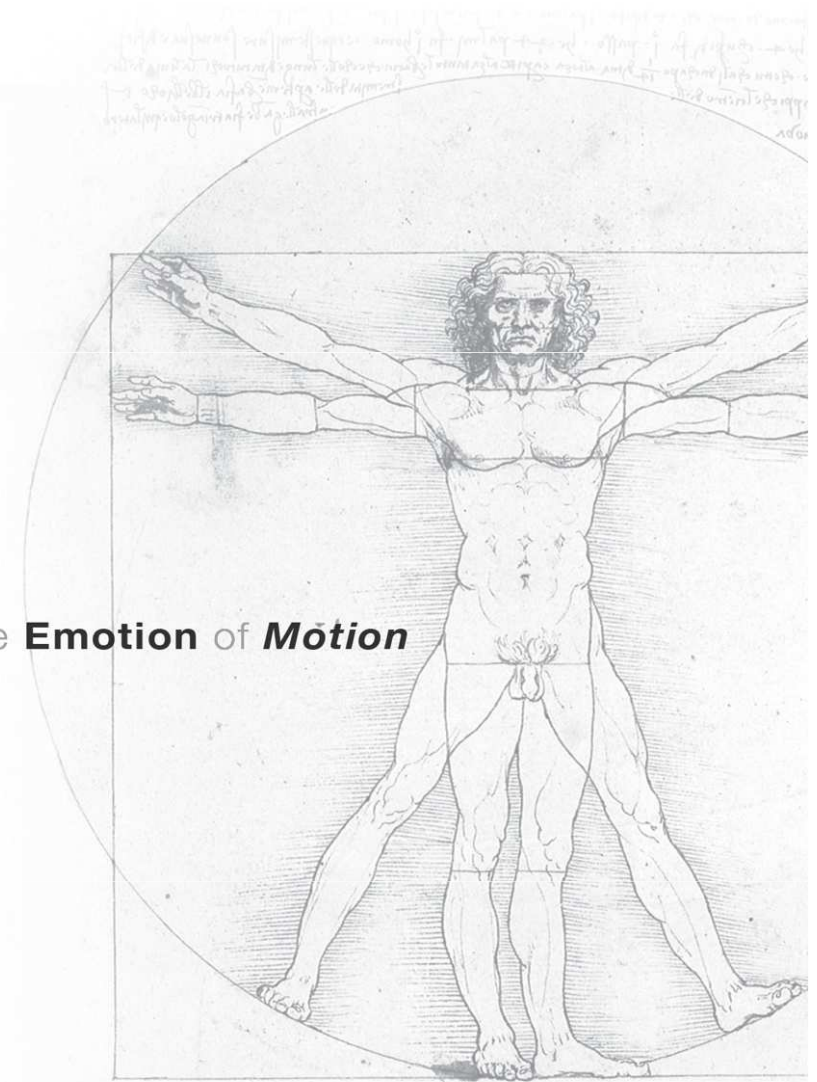


Restoring the **Emotion** of *Motion*



DELTA-REVISION TT System

Product Presentation

DELTA-REVISION Cups Family

X Trabecular *Titanium*[™]



SPH Revision concept



SPH Bilobo



DELTA-TT

DELTA-REVISION SYSTEM



DELTA-REVISION TT

The system was designed to:

Increase primary stability thanks to **Higher friction** coefficient

Ensure bone ingrowth and biological fixation thanks to
Consistent open porosity and cell design

Restore the natural biomechanical parameters
through all the options of bearing couplings and Lima's modularity

Offer a light revision cup



All the options

Suitable for **all bearing options**

The cup design is suitable
for all bearing options...

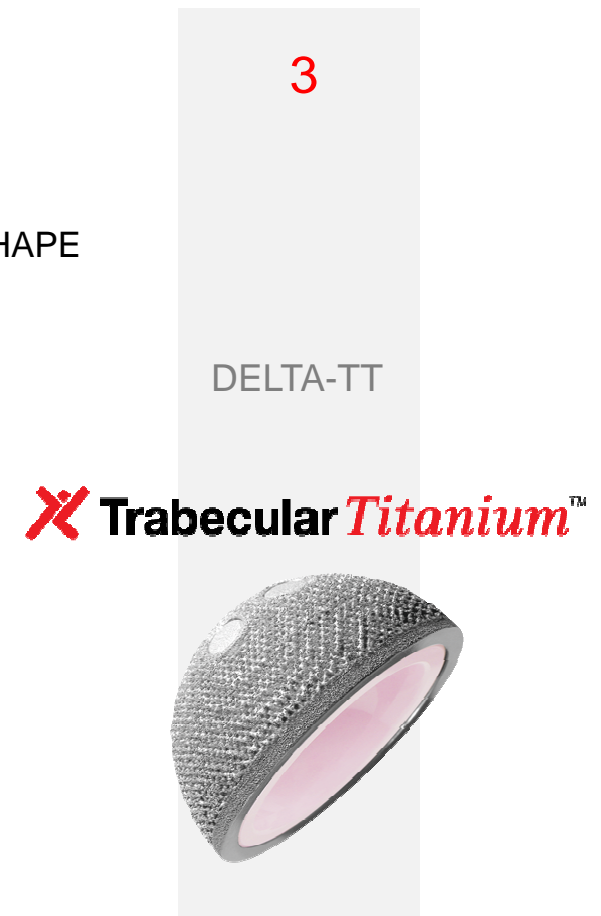
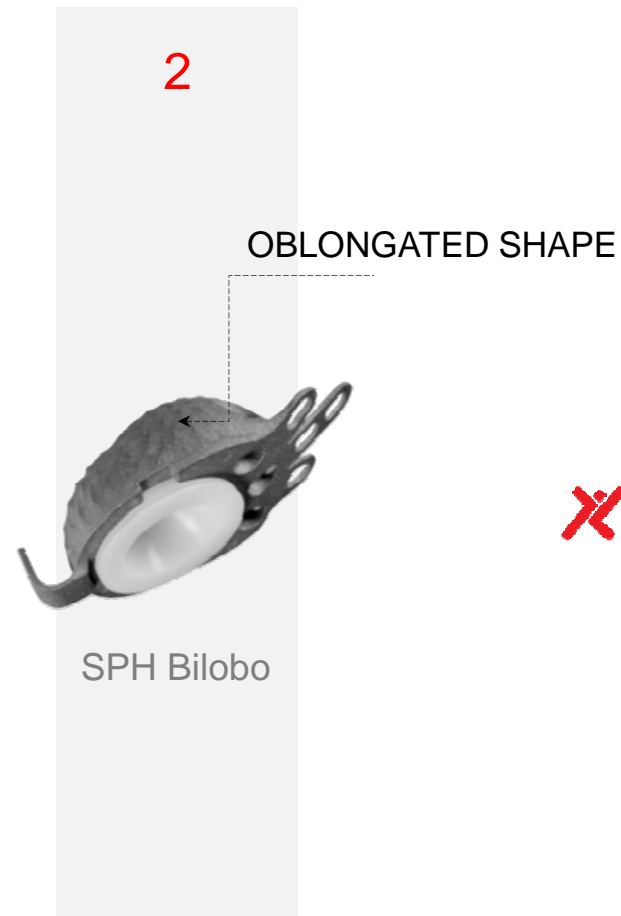
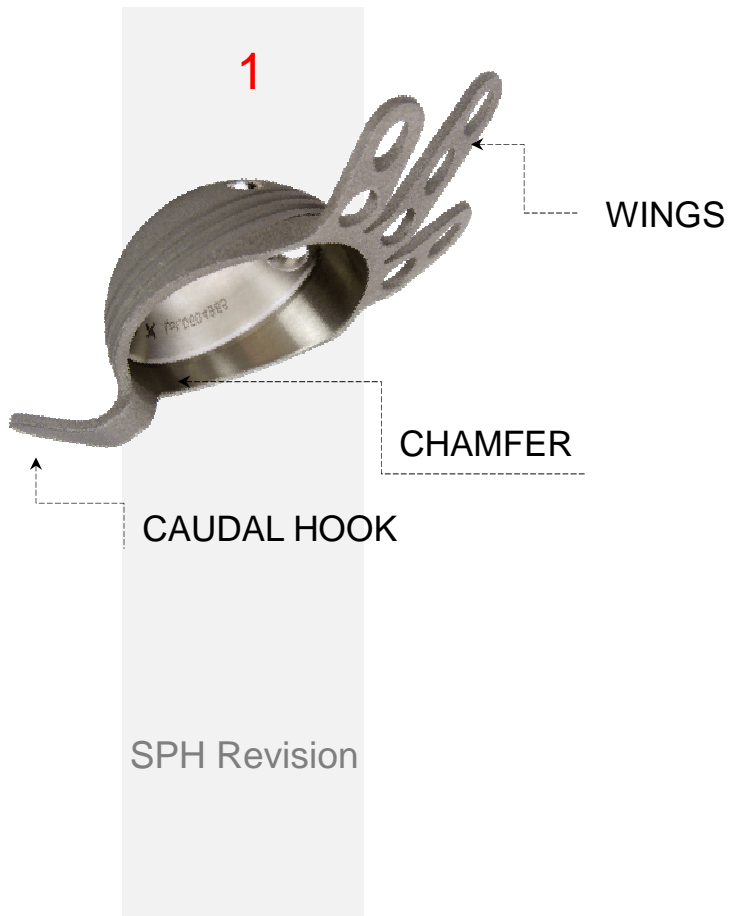


... Dual Mobility



Restore the natural biomechanical parameters through modularity

3 different features in **one** system



Restore the natural biomechanical parameters through modularity

3 different features in **one** system

This versatile system covers different surgical needs thanks to Lima Corporate's modularity:

1. In difficult revision cases, with high bone loss, the wings are an additional mechanical feature that help increasing mechanical stability
2. With the aid of hemispheric modules, the obtained oblongation shape fills the bone defects.
3. Biomechanical parameters are re-built thanks to the spacers.
4. Trabecular Titanium™ guarantees primary and secondary stability.



Restore the natural biomechanical parameters through modularity

3 different features in **one** system

This versatile system covers different surgical needs thanks to Lima's modularity:

1. Smaller sizes for patients affected by DDH
2. Its chamfered design allows the placement of the cup in low coverage angles without any risk of impingement.
3. Use of hemispheric modules in cases of bone loss



Restore the natural biomechanical parameters through modularity

The system doesn't require cementation to avoid the loss of bone tissue.





Let's have a closer look

DELTA-ONE TT

Trabecular *Titanium*[™]

Titanium Alloy -Ti6Al4V
Trabecular Titanium[™]

Press Fit Cup 1 mm Press Fit
Six holes for bone screws (sizes 50-66)
Five holes for bone screws (sizes 44-48)

Use of the ceramic (only with spacers!)

Suitable for primary and revision cases with limited coverage

Small 44 46 48 Dysplasia and First implant
Large 50 – 66 Revisions



DELTA-ONE TT

INDICATIONS

Paprosky 1

Rim in good conditions
Small deformation of the cavity



Paprosky 2A

Rim in good conditions
Superior/Medial bone loss
Slight migration of Centre of Rotation



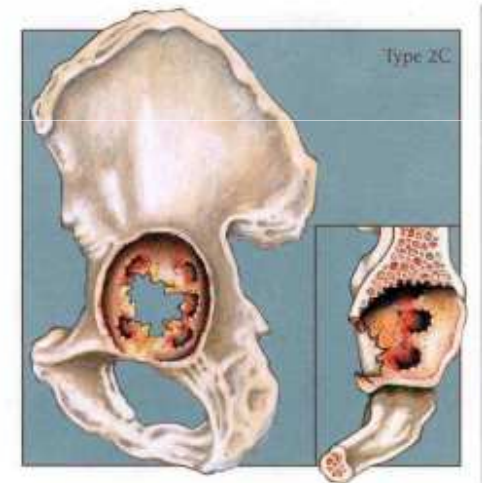
Paprosky 2B

Rim defect < 1/3
Superior/Medial bone loss
Migration of Centre of Rotation

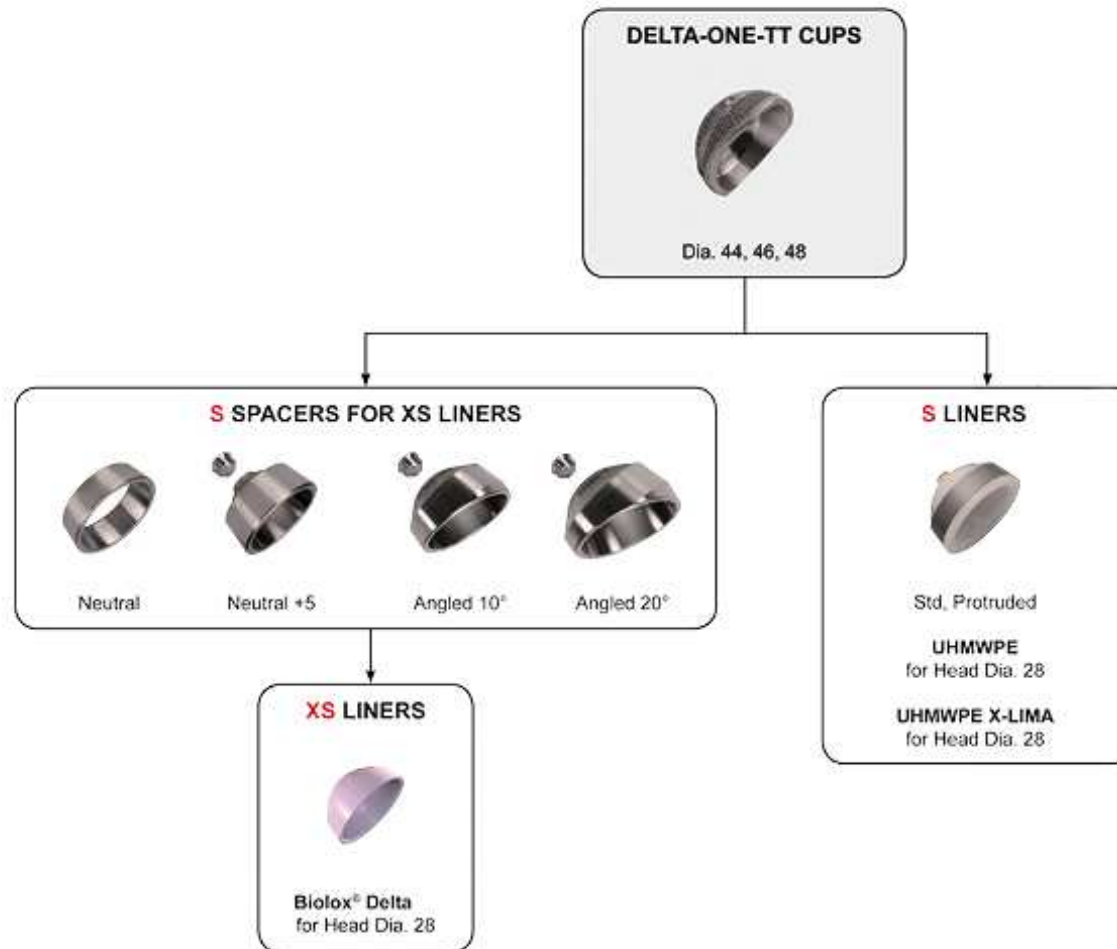


Paprosky 2C

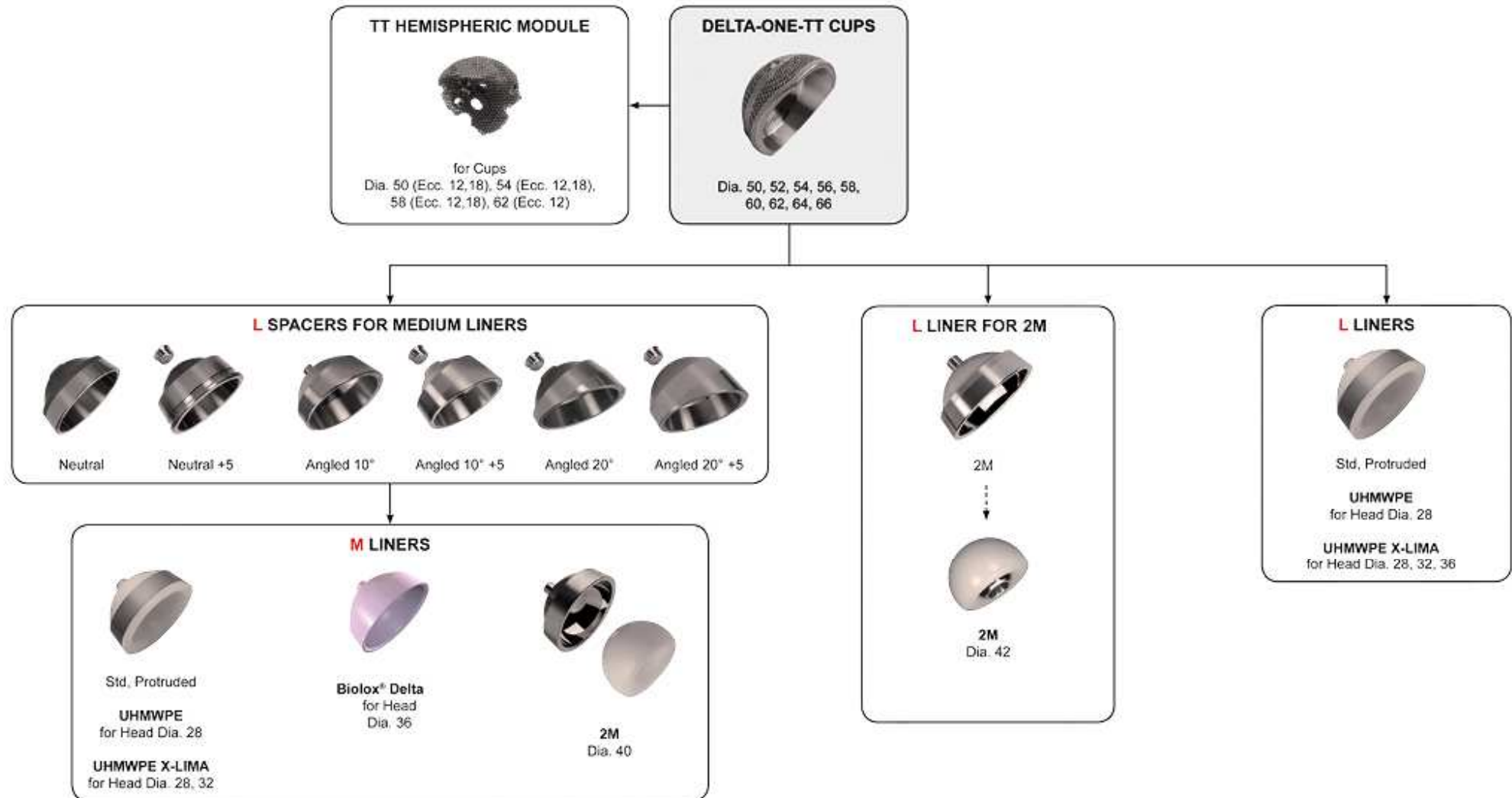
Rim in good conditions
Bone loss in the wall



DELTA-ONE TT



DELTA-ONE TT





Let's have a closer look

DELTA-REVISION TT

Trabecular *Titanium*[™]

CP Titanium **Trabecular Titanium**[™]

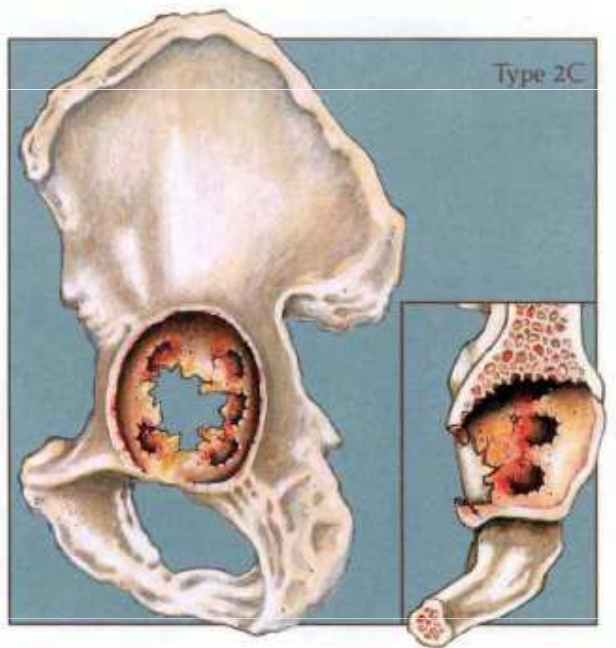
Press Fit Cup 1.6 mm Press Fit
Six holes for bone screws (sizes 50-66)
Three cranial wings with seven holes

Obturator foramen hook



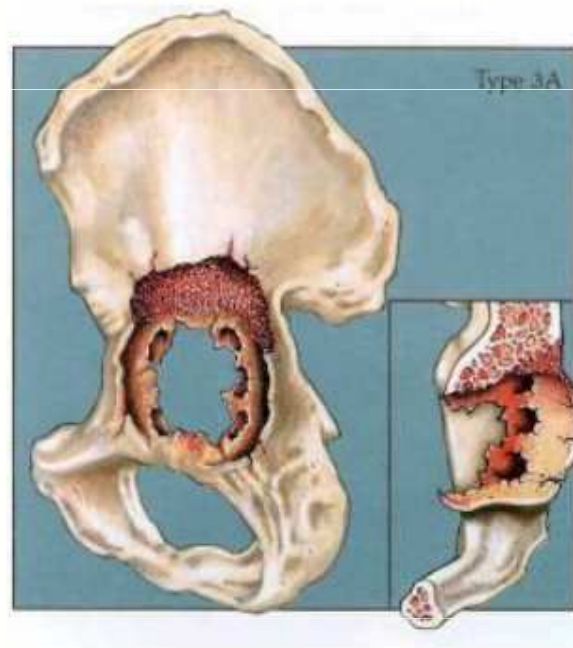
DELTA-REVISION-TT

INDICATIONS



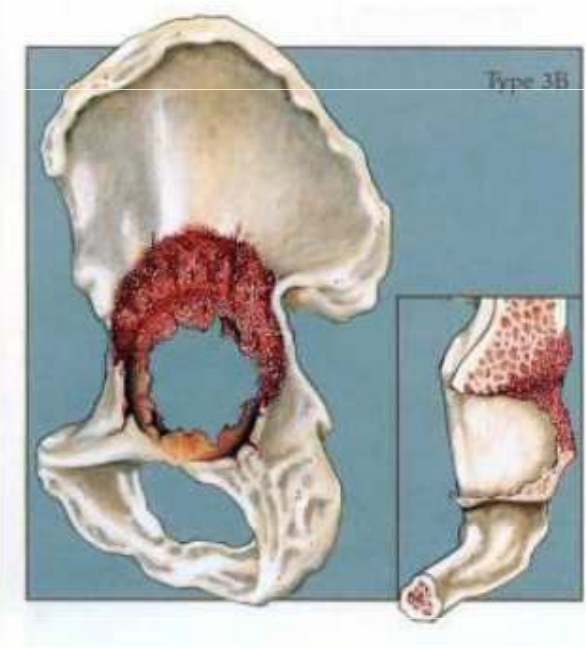
Paprosky 2c

Rim in good conditions
Bone loss in the wall



Paprosky 3A

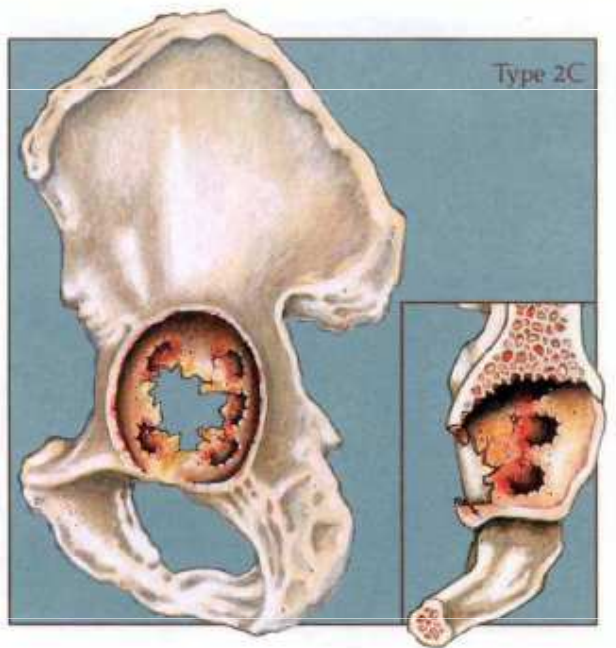
Rim defects and
Bone loss in the wall



Paprosky 3B

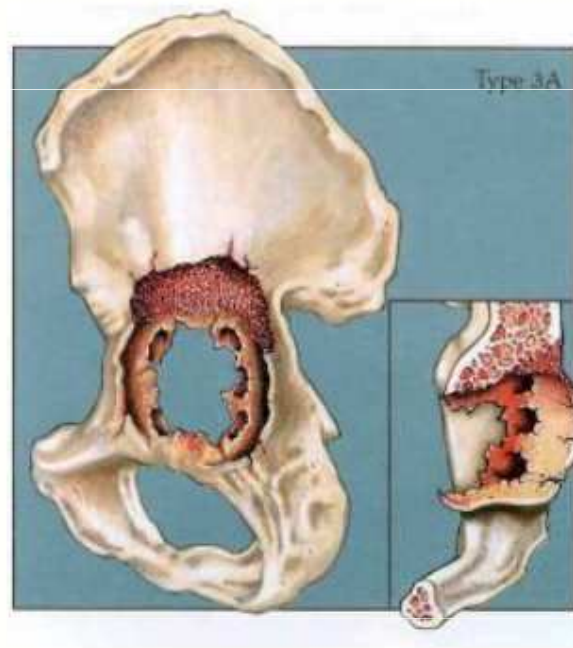
DELTA-REVISION-TT

INDICATIONS



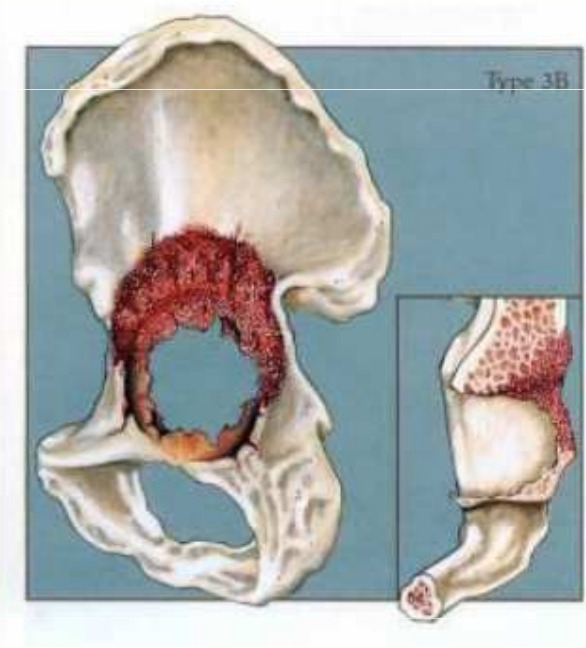
Paprosky 2c

Rim in good conditions
Bone loss in the wall



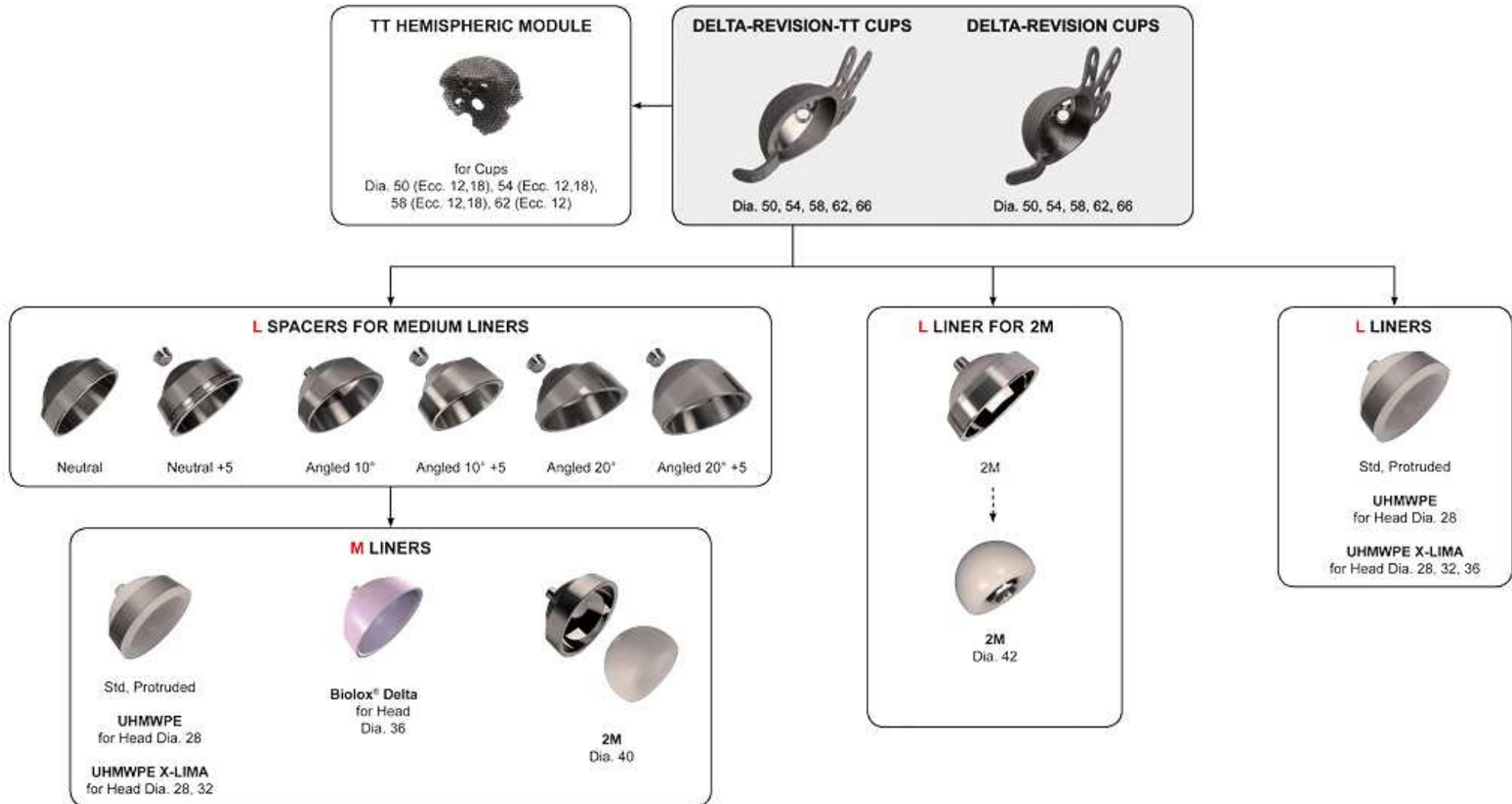
Paprosky 3A

Rim defects and
Bone loss in the wall



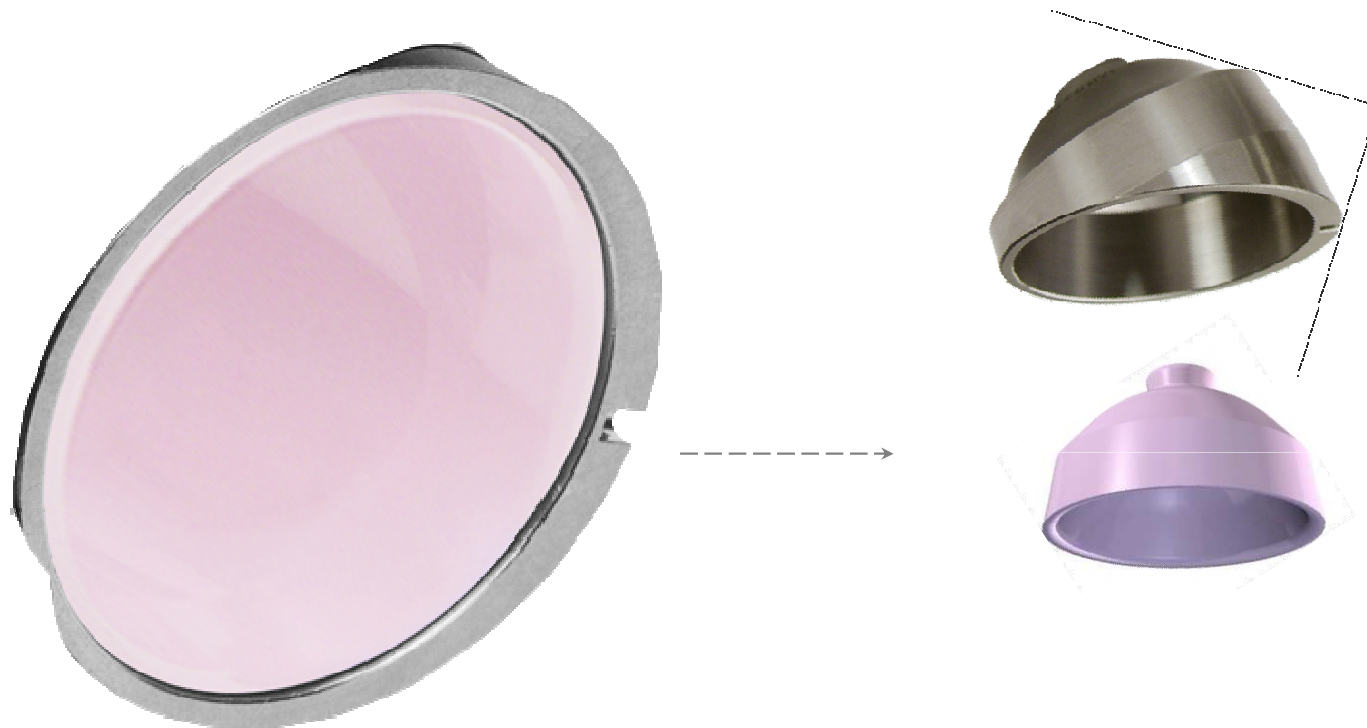
Paprosky 3B

DELTA-REVISION-TT



SPACERS

DELTA-REVISION TT System
has taken the biomechanical
reconstruction to the next level:



SPACERS

DELTA REVISION TT System
has taken the biomechanical
reconstruction to the next level:



Protrusion



Angle Coverage



The Spacers can be placed rotating
them **180°** in the cup.

Correction of:

- Coverage
- Version

HEMISFERICAL MODULE

Eccentricity 12 mm

Eccentricity 18 mm

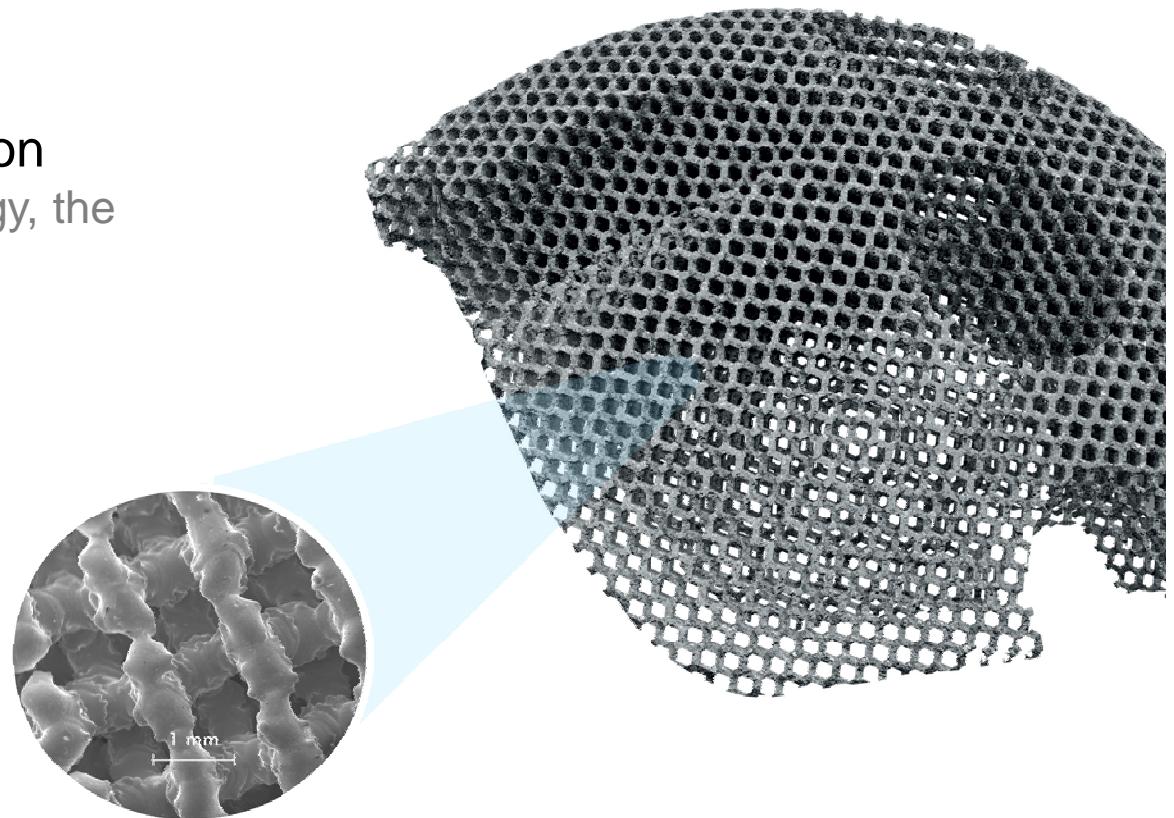
OSTEOINTEGRATION

Technology supporting osteointegration

Thanks to Trabecular Titanium™ technology, the shape and pore size of the device can be controlled with utmost precision.

Cell colonisation

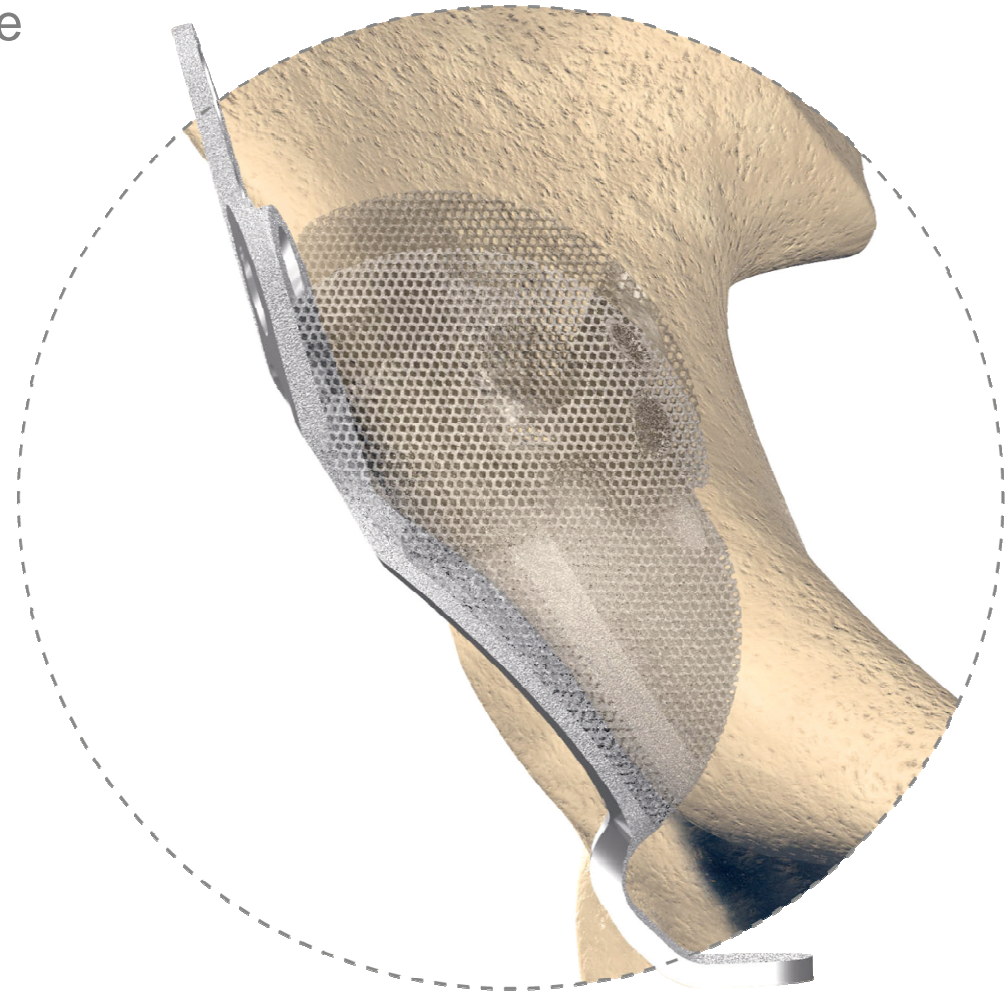
High open porosity and optimal pore diameter promote enhanced vascularisation and mineralisation of new tissue.



HEMISFERICAL MODULES

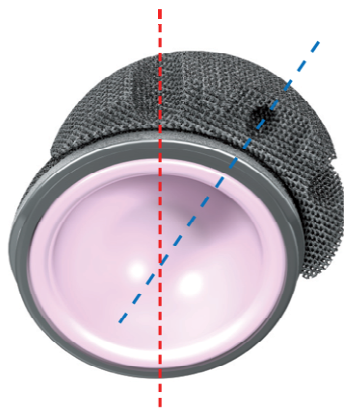
BONE DEFECT RECOVERY

The cranial module system is designed to fill bone defects and adapt to the size and position of the defect



HEMISFERICAL MODULES

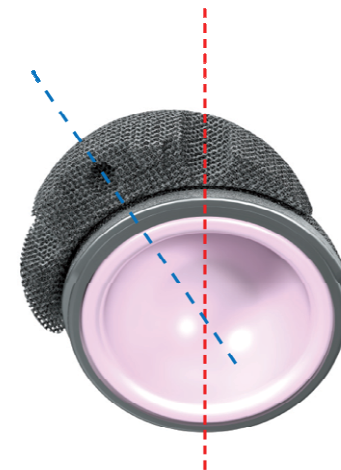
3 possible orientations with respect to the cup,
to better fill the acetabular defect.



RETROVERSION



NEUTRAL



ANTEVERSION

Summary



MAXIMUM INTRA-OPERATIVE VERSATILITY

The comprehensive and fully modular system enables the implant to be assembled to meet individual patient's needs. Trabecular Titanium™ provides a high friction coefficient to ensure component stability even in the presence of bone defects



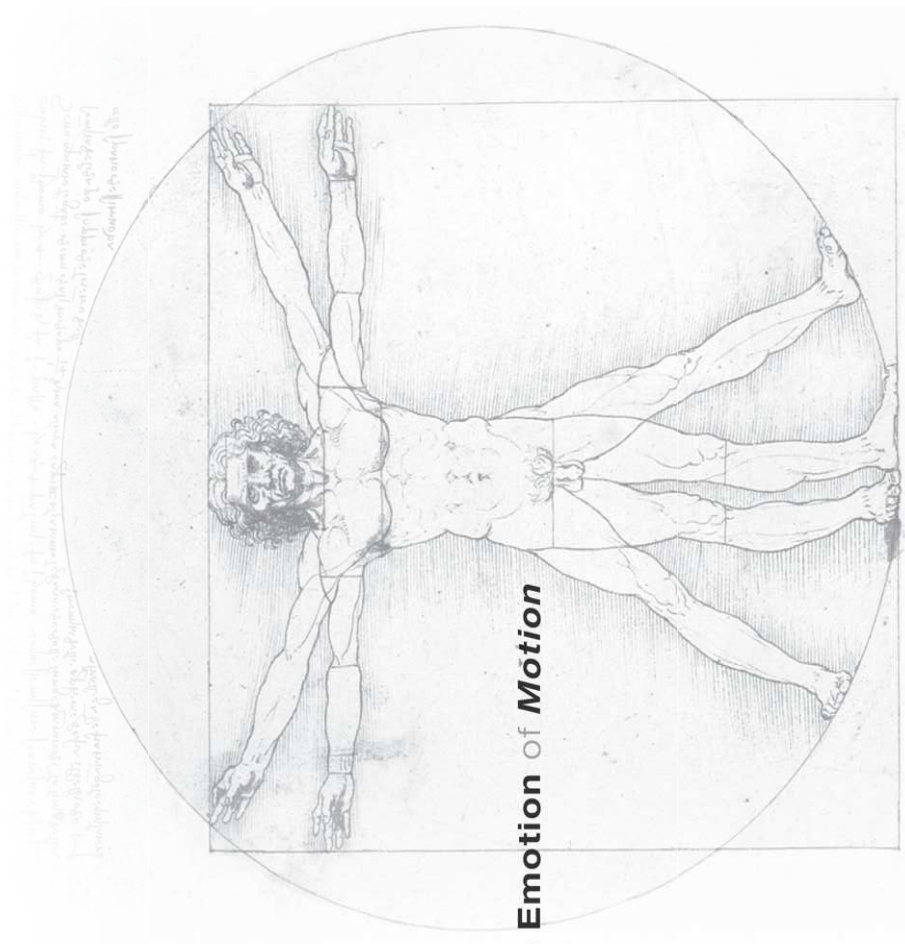
LOWER RISK OF POST-OPERATIVE COMPLICATIONS

The adoption of modular cup and stem solutions minimises the risk of dislocation, which is one of the most common causes of revision hip surgery



FASTER AND MORE EFFECTIVE OSTEOINTEGRATION

Trabecular Titanium™ offers the ideal scaffold for cell colonisation and new bone tissue vascularisation



Restoring the **Emotion of Motion**