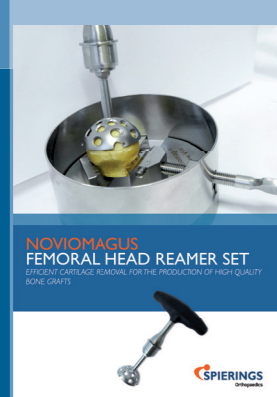


# ORDERING INFORMATION

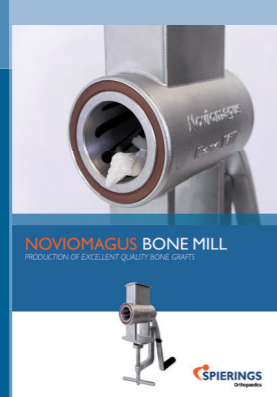
## NOVIOMAGUS REVISION MESHES

PRODUCT DESCRIPTION:	PRODUCT NUMBER:	UDI-DI:
Proximal Femur	NRM-0906-PF	08720254007724
Acetabular Medial Wall Small	NRM-0906-MVWS	08720254007687
Acetabular Medial Wall Large	NRM-1503-MWL	08720254007694
Acetabular Rim Small	NRM-0906-RS	08720254007700
Acetabular Rim Large	NRM-0906-RL	08720254007717
Universal Flat	NRM-0906-UF	08720254007731

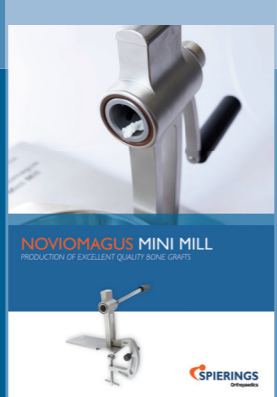
To place your order, contact [sales@spierings.biz](mailto:sales@spierings.biz)



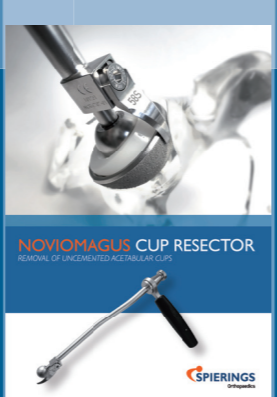
**NOVIOMAGUS FEMORAL HEAD REAMER SET**  
PRECISE CHAMFER REMOVAL FOR THE PRODUCTION OF HIGH QUALITY BONE GRAFTS



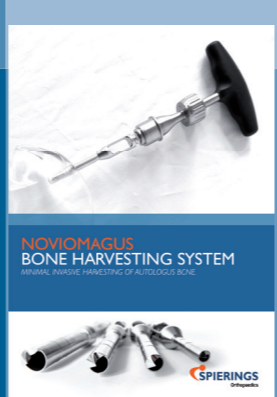
**NOVIOMAGUS BONE MILL**  
PRODUCTION OF EXCELLENT QUALITY BONE GRAFTS



**NOVIOMAGUS MINI MILL**  
PRODUCTION OF EXCELLENT QUALITY BONE GRAFTS



**NOVIOMAGUS CUP RESECTOR**  
REMOVAL OF UNCEMENTED ACETABULAR CUPS



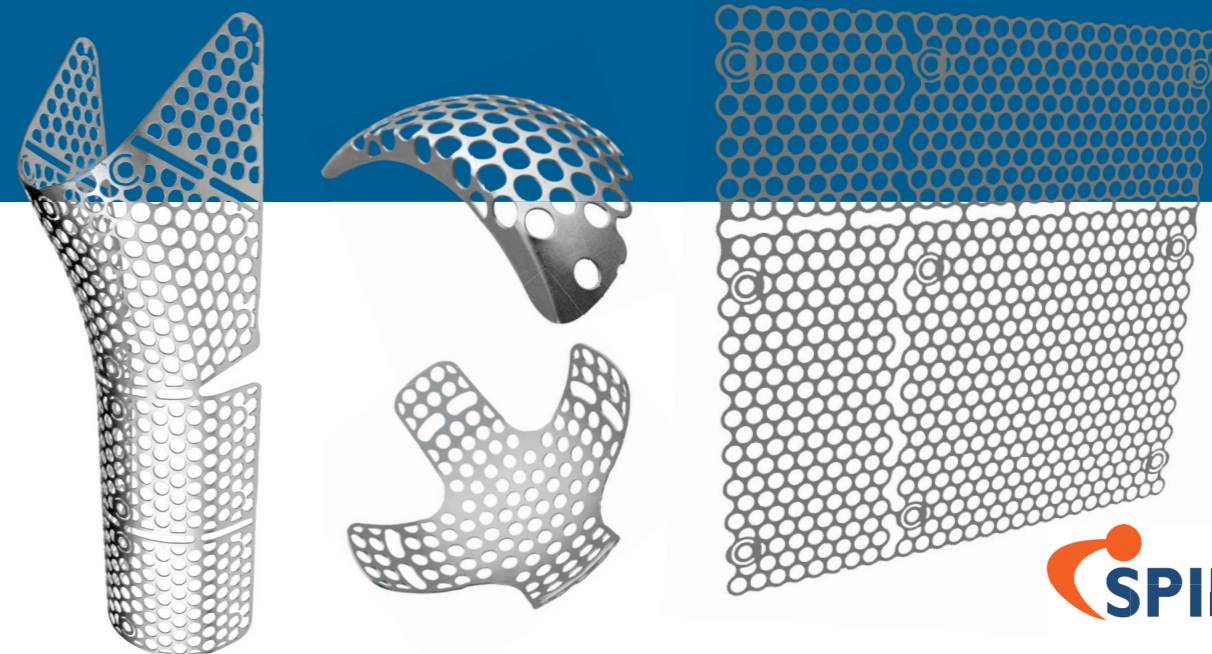
**NOVIOMAGUS BONE HARVESTING SYSTEM**  
MINIMAL INVASIVE HARVESTING OF AUTOLOGOUS BONE

# NOVIOMAGUS REVISION MESHES

OPTIMIZED BONE GRAFT CONTAINMENT

The Noviomagus Revision Meshes are CE marked. No rights can be derived from the information in this brochure. Other Noviomagus products manufactured by Spierings Orthopaedics B.V. are: Noviomagus Femoral Head Reamer Set, Noviomagus Bone Mill, Noviomagus Mini Mill, Noviomagus Cup Resector and Noviomagus Bone Harvesting System.

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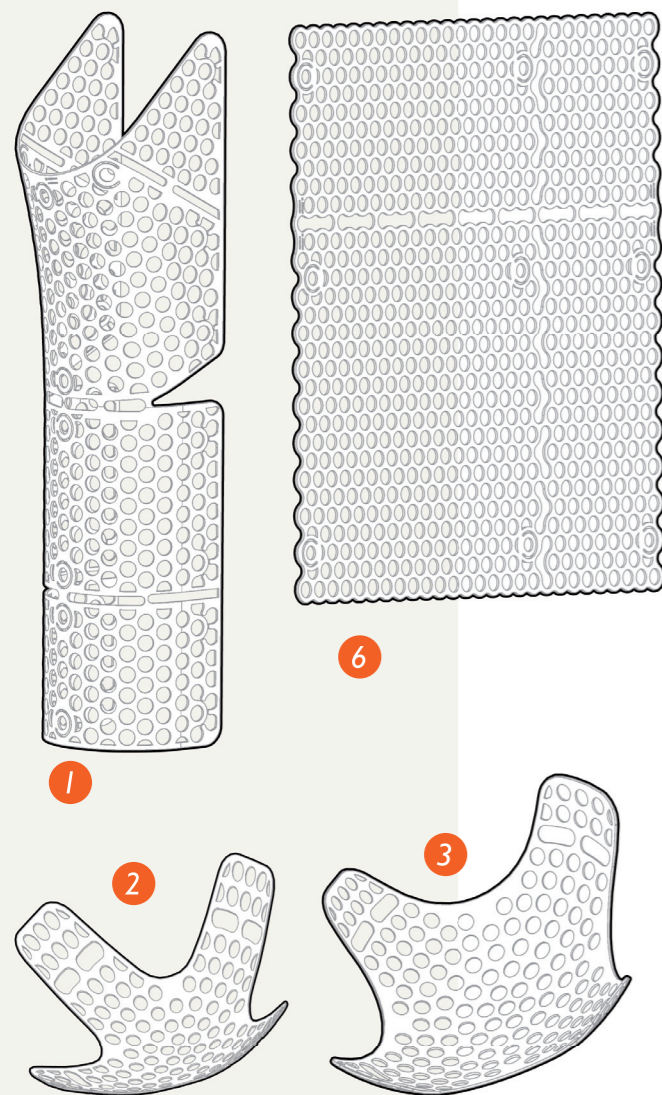


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## BONE GRAFT CONTAINMENT

The Noviomagus Revision Meshes are a series of 0.5 mm thick sterile stainless steel meshes specifically designed for containment of bone graft during bone impaction grafting. These innovative implants are anatomically shaped to ensure a good fit to the acetabulum and proximal femur. All meshes can be bent and cut down to any suitable size during surgery. Strategically positioned trimming slots allow the mesh to be easily trimmed to the correct size and limit the number of sharp edges after cutting. The open structure of the mesh allows bone ingrowth and provides the mesh with multiple 3.5 mm diameter fixation holes for bone screws. The optimized design improves bone graft containment.

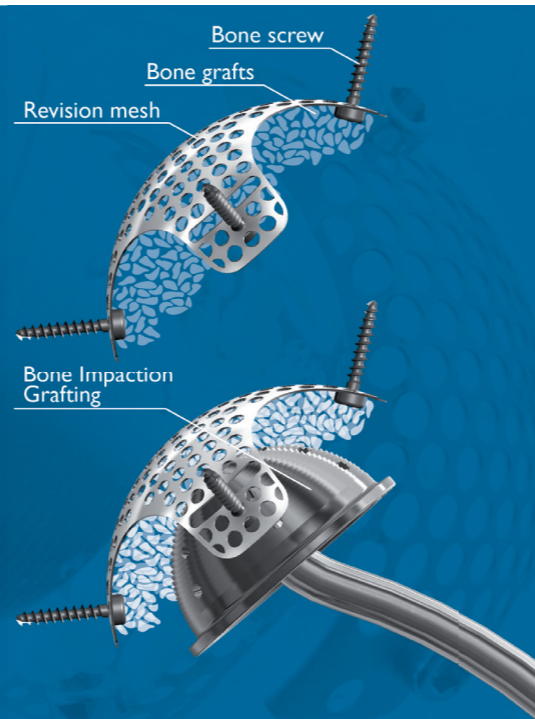


- 1 Proximal Femur
- 2 Acetabular Medial Wall Small
- 3 Acetabular Medial Wall Large
- 4 Acetabular Rim Small
- 5 Acetabular Rim Large
- 6 Universal Flat

## BONE IMPACTION GRAFTING

Bone impaction grafting of the acetabulum is a biological method for reconstruction of acetabular defects. In combination with a metal mesh, this technique has positive clinical outcomes with good long-term results.

Multiple bone grafts are used to reconstruct the anatomy of the acetabulum. An impactor is used to impact the bone grafts and create a dense and stable layer of bone.



## APPLICATION AREAS

The Proximal Femur mesh is specifically designed to fit the medial proximal part of the femur. Various slots are provided to ease trimming of the mesh to a specific anatomical shape. Parts of the mesh can be applied on smaller defects. If the trochanter minor is intact, the proximal part of the revision mesh can be cut off. Wire loops can be bent outwards to facilitate cerclage wire or cable fixation of the mesh around the femur.

The Medial Wall meshes cover defects of the medial acetabular wall in order to prevent bone graft protrusion. The diameter of the mesh and the

fixation area can be bent and cut down during surgery to meet the individual anatomy of the patient. Trimming of the mesh is accommodated by strategically located slots. A small ( $\varnothing 64$  mm) and large medial ( $\varnothing 86$  mm) wall mesh are available.

Two sizes of Rim mesh are available to reconstruct the superior rim of the acetabulum. Extra stability is incorporated to minimize the need for screw fixation at the hard to reach, postero-inferior part of the rim. The antero-superior side of the mesh is bendable to fit the anatomic shape of the iliac bone. Its rigid design prevents deformation of the mesh during bone impaction.

The Universal Flat mesh gives the surgeon the flexibility to answer the patient's needs and anatomy. It can be bent and cut in any shape desired. Slots are provided to ease size reduction. The available wire loops can be bent upwards to accommodate wire or cable fixation.

## ADVANCED BENEFITS

- Sterile implant.
- Anatomical shape.
- Bends easily to meet individual patient anatomy.
- Trimming slots on strategic positions.
- Extra stiffness at the postero-inferior part of the rim.
- Fixation holes for 3.5 mm screws at any desired position.
- Elevatable loops for wire or cable fixation.

