



Exceed™
Acetabular System

Spine

Trauma

BioMaterials

Cement

Joint Replacement

Features and Benefits

- **RingLoc® Liner Retaining/ReLoc® Release Mechanism**

Has been validated through independent testing to be one of the most secure retaining mechanisms available. The release mechanism facilitates fast and easy removal of the liner for intra-operative flexibility.

- **Removable Dome Hole Blanking Plugs**

Each of the 3 dome holes are plugged with a removable titanium alloy plug. This plug can be removed should supplementary screw fixation be required.

- **Closed Pore Porous Coating**

Is a safe predictable coating that initiates scratch fit stability, provides a circumferential seal and is superior to sintered beads and wire mesh.

- **Hydroxyapatite Coating**

Specifically enhances bone attachment and ingrowth into the porous surface. It also contributes to a more uniform bone ingrowth.

- **17° Rim Flare**

Has been incorporated in order to increase the contact pressure at the rim of the acetabulum, thus improving primary stability. It also allows for size for size reaming.

- **Anti-rotation Tabs**

Secure the Arcom liner rotationally, thus preventing polyethylene debris generation.

- **Smooth Inner Surface**

Improves the congruency and liner integrity under load, resulting in less polyethylene debris generation.

- **Apical Hole and Blanking Screw**

The Apical hole allows visual confirmation that the shell is fully seated within the acetabulum. Blanking screws are supplied with the shell and help prevent debris migration.

- **ArCom® Acetabular Liners**

All Biomet Merck RingLoc acetabular liners are manufactured from ArCom processed polyethylene. ArCom polyethylene is manufactured from the highest grade UHMWPE powder, isostatically compression moulded under the strictest quality control and is irradiated in argon gas to produce a more wear resistant clinically proven polyethylene.

BIOMET MERCK

ACETABULAR LINER SYSTEM





Exceed™ acetabular system

- • Designed in conjunction with Mr. Evert J. Smith BSc MB BCh FRCS of the Avon Orthopaedic Centre, University of Bristol, UK, the Exceed Acetabular System has been designed around two features that are common to all Biomet Merck cementless components. These are the clinically proven closed pore porous coating and the extremely secure RingLoc® liner retaining mechanism.
- • The Exceed™ acetabular component includes a feature unique to Biomet Merck. The component dome holes are plugged during the manufacturing process with titanium plugs that, by means of a special instrument can be removed intra-operatively from the shell. This feature gives you the flexibility to insert a solid shell, knowing that should there be insufficient primary stability, the shell can be converted to a holed component allowing for supplementary screw fixation.
- • The acetabular component also includes the option for intra-operative repositioning of the acetabular liner. This is accomplished by means of a modified RingLoc® retaining ring combined with a window in the face of the acetabular component.
 - • The Exceed™ acetabular system also include liners that are specific to the shell diameter, therefore maximising the polyethylene thickness between the smallest and largest diameter components.



Exceed

