A fusion of tapered and finned geometry, the Mallory-Head® Porous Primary System replicates near normal bone stresses and can provide for long-term stability and pain relief. Backed by more than 20 years of excellent clinical performance, the advanced design concepts of the Mallory-Head® System have demonstrated more than 99% survivorship with no osteolysis in numerous clinical studies.\textsuperscript{1,2,4,5}

**Three Degree Bi-Planar Taper**
Promotes physiologic proximal load transfer and exceptional implant-to-patient fit

**Interlok® Finish**
Allows for bone ongrowth in the diaphysis

**Smooth Finish**
Promotes an absence of bone ongrowth, aiding in the gradual off-loading of stresses
Proximal Finned Geometry
Encourages circumferential stress transfer to the femur, while resisting rotational and bending forces

PPS® Porous Plasma Spray
Allows for initial scratch-fit stability and bone ingrowth

UNMATCHED CLINICAL RESULTS

99.2% survivorship at a follow-up of up to 18 years in 249 patients 40 years and younger, no osteolysis

99.5% survivorship at an 11 year follow-up of 188 patients, no osteolysis

99.2% survivorship at a 5–10 year follow-up in 451 patients, no osteolysis

99.0% survivorship at a 10–13 year follow-up in 307 patients, no osteolysis

PROVEN OFFSET PHILOSOPHY

Femurs with greater horizontal offset often have a more varus neck shaft angle. For example, as stem size increases, the offset required also increases. Based on this philosophy, the Mallory-Head® offset stem decreases the neck shaft angle, medially shifting the trunion and increasing neck length, while not affecting leg length.

MALLORY-HEAD® LATERALIZED OFFSETS

<table>
<thead>
<tr>
<th>Stem Size</th>
<th>Additional Offsets</th>
</tr>
</thead>
<tbody>
<tr>
<td>8–10mm</td>
<td>6mm</td>
</tr>
<tr>
<td>11–14mm</td>
<td>7mm</td>
</tr>
<tr>
<td>15–17mm</td>
<td>8mm</td>
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</tbody>
</table>
REFERENCES


For general risk information on hip products, please see Biomet's website.

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