## Distal Femur OA

### Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>(L)</th>
<th>(W')</th>
<th>(D')</th>
<th>(W)</th>
<th>Cart</th>
<th>AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>cm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>number</td>
<td>mm</td>
</tr>
<tr>
<td>560300 Femur Distal Left-OA</td>
<td>15.0-40.0</td>
<td>50.0-100.0</td>
<td>5.0-30.0</td>
<td>20.0-50.0</td>
<td>1-3</td>
<td>20.0-100.0</td>
</tr>
<tr>
<td>560360 Femur Distal Right-OA</td>
<td>15.0-40.0</td>
<td>50.0-100.0</td>
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<td>20.0-50.0</td>
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<td>20.0-100.0</td>
</tr>
</tbody>
</table>

### Processing Specifications

Soft tissue attachments include:
- medial and lateral gastrocnemius,
- anterior and posterior cruciate ligaments,
- plantaris,
- popliteus,
- tibia and fibula collateral ligaments,
- adductor magnus and the articular capsule encompassing the entire circumference of the distal condyle.
- The articular capsule is dissected off of the tibial plateau (if present) below the meniscus.

### Cartilage grading:
- score 1 = perfect
- score 2 = small irregularities only visible after removing synovial fluid
- score 3 = irregularities less than 1 cm squared
Measurements

L: Length from the cut shaft to the bottom of the distal condyle.
W': Width of the condyle measured medial to lateral.
D: Diameter of the medullary canal measured medial to lateral.
W: Width of the shaft at the cut end measured anterior to posterior

Soft Tissue Measurements

G: Gastrocnemius from insertion to the cut end.
G': Medial gastrocnemius from insertion to the cut end.
Cart: Cartilage score based on scale in Processing Specification
AC: Articular capsule
P: Plantaris tendon.
PO: Popliteus tendon.
T: Tibial collateral ligament from insertion to the cut end.
F: Fibular collateral ligament from insertion cut end.
AM: Adductor magnus.
ACL: Anterior cruciate ligament from insertion to the cut end.
PCL: Posterior cruciate ligament from insertion to cut end.