### Femur proximal, osteoarticular graft (OA)

#### Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>(L)</th>
<th>(W)</th>
<th>(A)</th>
<th>(D)</th>
<th>(D')</th>
<th>Cart</th>
<th>AC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>cm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>number</td>
<td>mm</td>
</tr>
<tr>
<td>560101 Femur proximal Left-OA</td>
<td>20.0-40.0</td>
<td>10.0-50.0</td>
<td>10.0-50.0</td>
<td>20.0-70.0</td>
<td>5.0-30.0</td>
<td>1-3</td>
<td>20.0-100.0</td>
</tr>
<tr>
<td>560102 Femur proximal Right-OA</td>
<td>20.0-40.0</td>
<td>10.0-50.0</td>
<td>10.0-50.0</td>
<td>20.0-70.0</td>
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</tr>
</tbody>
</table>

#### Processing Specifications

- Soft tissue attachments include:
  - piriformis, Iliopsoas
  - gluteus maximus
  - gluteus medius
  - gluteus minimus.

The trochanteric capsule is left intact on the greater trochanter with gluteus medius and gluteus minimus; this is the lateral portion of the capsule.

The absolute minimum acceptable length of any tendon is 2cm or Gmax of at least 1 cm.

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

**Proximal Femur:**
- iliopsoas insertion > 2 cm
- large gluteal muscle > 1 cm
- middle and small gluteal muscle insertions together with posterior part of the articular capsule > 2 cm

**Measurements**

L  Length measured from the top of the greater trochanter to the cut end.

W  Width of the shaft at the cut end measured anterior to posterior.

A  Width of the shaft at the cut end measured medial to lateral.

D  Diameter of the femoral head measured at the widest point.

D' Diameter of the medullary canal measured medial to lateral.

Cart Condition of the articular cartilage

AC  Articular capsule, MUST cover entire humeral head

**Soft Tissue Measurements**

The absolute minimum acceptable length of any tendon except the Gmax (<1 cm) is 2 cm.

Pf  Piriformis tendon from insertion to cut end.

Ip  Iliopsoas tendon from insertion to cut end.

Gmax  Gluteus Maximus tendon from insertion to cut end.

Gmed  Gluteus Medius tendon from insertion to cut end.

Gmin  Gluteus Minimus tendon from insertion to cut end