Tibia proximal, osteoarticular graft (OA)

<table>
<thead>
<tr>
<th>Description</th>
<th>(L)</th>
<th>(W)</th>
<th>(W')</th>
<th>(D')</th>
<th>AC</th>
<th>Cart</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>
</tr>
<tr>
<td>Tibia proximale Left-OA</td>
<td>10.0-40.0</td>
<td>20.0-70.0</td>
<td>50.0-100.0</td>
<td>5.0-30.0</td>
<td>20.0-100.0</td>
<td>1-3</td>
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Processing specifications

Attachments include:
- sartorius
- gracilis and semitendinosus at the medial aspect of the tibia
- quadriceps with patella tendon at the anterior aspect of the tibia
- knee joint capsule with tibial ligament
- anterior and posterior cruciate ligaments

Cartilage:

score 1 = perfect
score 2 = small irregularities only visible after removing synovial fluid
score 3 = irregularities less than 1 cm squared
**Soft Tissue:**

- quadriceps tendon > 3 cm, with patella attached
- sartorius and gracilis > 2 cm
- semitendinosus as long as possible
- articular capsule of the knee attached to the tibia > 2 cm
- the capsule should be maintained the entire circumference of the proximal tibia
- cruciate ligaments dissected from the femoral intercondylar fossa with menisci attached to the tibia

**Measurements**

L  
Length from the top of the tibial plateau to the cut end

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

W'  
Width of the tibial condyle measured medial to lateral
The W' of the distal femoral condyle is measured to verify the W' dimension of the tibial condyles

D'  
Medullary canal at the cut end measured medial to lateral

AC  
The proximal capsule is maintained through the entire circumference of the tibial shaft

Cart  
Grade of cartilage based on Processing Specifications

**Soft Tissue Measurements:**

No measurements are recorded for the patellar tendon or patella

MCL  
Length of medial collateral ligament from insertion site to the proximal end

LCL  
Length of lateral collateral ligament from insertion site to the proximal end

PCL  
Length of a posterior cruciate ligament from insertion site to the proximal end

G  
Length of gracilis tendon from insertion site to the proximal end

S  
Length of semitendinosus tendon from insertion site to the proximal end
$S^1$ Length of sartorius tendon from insertion site to the proximal end

$D^1$ Medullary canal at the cut end measured medial to lateral

Articular Capsule attached