



Tibia proximal, allograft prosthetic composite graft (APC)

Dimensions

Description

| | (L) | (W) | (W') | (D') | AC | Cart |
|---------------------------------|-----------|-----------|------------|----------|------------|--------|
| | cm | mm | mm | mm | mm | number |
| 560325 Tibia proximal Left-APC | 10.0-40.0 | 20.0-70.0 | 50.0-100.0 | 5.0-30.0 | 20.0-100.0 | 4-5 |
| 560385 Tibia proximal Right-APC | 10.0-40.0 | 20.0-70.0 | 50.0-100.0 | 5.0-30.0 | 20.0-100.0 | 4-5 |

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 4 = irregularities larger than 1 cm squared

score 5 = large and deep irregularities or defects of the cartilage

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 |
| ACL | Length of an anterior cruciate 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
- S¹: Length of sartorius tendon from insertion site to the proximal end
- D¹: Medullary canal at the cut end measured medial to lateral

