# Humerus proximal, allograft prosthetic composite graft (APC)

## Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>(L)</th>
<th>(W)</th>
<th>(D)</th>
<th>(D')</th>
<th>AC</th>
<th>Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humerus proximal Left- APC</td>
<td>5.0</td>
<td>10.0</td>
<td>20.0</td>
<td>2.0</td>
<td>20.0</td>
<td>1-5</td>
</tr>
<tr>
<td>Humerus proximal Right-APC</td>
<td>5.0</td>
<td>10.0</td>
<td>20.0</td>
<td>2.0</td>
<td>20.0</td>
<td>1-5</td>
</tr>
</tbody>
</table>

## Processing specifications

Proximal humerus with rotator cuff attached includes the following: deltoid, pectoris major, latissimus dorsi, and teres major. A photo of the graft is taken at the time of packaging to include the articular surface.

## Cartilage:

- score 4 = irregularities larger than 1 cm squared
- score 5 = large, deep irregularities or defects of the cartilage

- deltoid insertion > 2 cm
- larger pectoral insertion > 2 cm
- latissimus dorsi and teres major insertions > 2 cm
- rotator cuff muscles together with the articular capsule dissected from the glenoid edge. Rotator cuff must cover entire humeral head.
Measurements

L  Length from the top of the humeral head to the cut end
W  Width of the cut end measured anterior to posterior
D  Diameter of the humeral head measured medial to lateral
D’ Medullary canal at the cut end
AC  Articular capsule, MUST cover entire humeral head
Cart  Grade of cartilage based on Processing Specifications

Soft Tissue Measurements

DE  Deltoid tendon measured from insertion to cut end
PM  Pectoralis major measured from insertion to cut end
LD  Latissimus dorsi measured from insertion to cut end
TM  Teres major measured from insertion to cut end