

## **BONE AND SOFT TISSUE PATHOLOGY GROSSING GUIDELINES**

NOTE: Document in your cassette summary which cassettes (for each specimen part) are submitted for decal

- Ex: Representative sections are submitted (A1, A3; B2-B4; C3-C4 following decalcification).
- Ex: Representative sections are submitted:
  - A1- bone (decal)
  - A2- skin resection margin, perpendicular
  - B2- tibia shave (decal)

**Specimen Type:** Revision Surgery of Orthopedic Implants

### **Gross Template Sample--KNEE:**

Labeled with the patient's name (\*\*\*) , medical record number (\*\*\*) , designated "\*\*\*\*" , and received [*fresh/in formalin*] are three pieces of orthopedic hardware. The first piece consists of a black-gray distal femoral component which measures 4.5 x 4.6 x 5.7 cm. The inner surface contains red-white hard and irregular cement-like material. The second piece consists of a white smooth polyethylene spacer is present measuring 6.2 x 4.0 x 1.6 cm. An inscription is present that reads as follows: "\*\*\*\*". The third piece consists of a silver metallic tibial component is present measuring 6.3 x 6.0 x 4.5 cm. An inscription is present that reads as follows: "\*\*\*\*". A red-white, irregularly shaped fragment of bone cement is present measuring 2 x 1 x 0.5 cm. No soft tissue is present. The specimen is for gross examination only. A gross photograph is taken.

### **Gross Template Sample--HIP:**

Labeled with the patient's name (\*\*\*) , medical record number (\*\*\*) , designated "\*\*\*\*" , and received [*fresh/in formalin*] are two pieces of orthopedic hardware. The first piece is a silver metallic smooth to rough, angled rod-like device measuring 15.2 x 5.7 x 1.6 cm. There is a hole at the superior aspect of the piece, measuring 1.0 cm in diameter. An inscription is present that reads as follows: "\*\*\*\*". There is a white polyethylene, smooth dome measuring 4.2 cm in diameter x 3.4 cm in height. In the center of the dome is a rotating white plastic appearing ball measuring 2.5 cm in diameter. A hole is present in the center of the rotating ball measuring 1.3 cm in diameter. An inscription is present that reads as follows: "\*\*\*\*". No soft tissue is present. The specimen is for gross examination only. A gross photograph is taken.

### **Cassette Submission:** 4 cassettes

- 3 sections of joint capsule/soft tissue (focus on synovial surface)
- 1 section of bone, if present