

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)

MModal Command: "INSERT HIP"

Specimen Type: TOTAL HIP ARTHROPLASTY

Gross Template:

It consists of a total hip arthroplasty. The femoral head measures [*measure in three dimensions****] cm. The [*attached/detached****] femoral neck measures [*****] cm in length x [*****] cm in diameter. The resection margin is [*smooth/ragged and hemorrhagic****]. The articular surface is [*smooth/eburnation, provide % involved/osteophytes/eroded****]. Sectioning reveals [*describe cut surfaces-necrosis, infarct, subchondral cysts, osteochondral lipping****].

Multiple red-tan soft tissue fragments are received separately in the container, measuring [*measure in three dimensions****] cm in aggregate. [*No lesions are grossly identified****]. Representative sections are submitted in cassette [*list cassette, do not submit reaming's****], following decalcification.

Cassette Submission:

- **For Arthritis** 1 cassette
 - One cassette of bone (following decalcification)
 - Articular surface and subarticular bone with eburnation
 - In the same cassette include a piece of synovium, if present

Note: Do not submit reamings.

- **For Fractures** (regardless of whether or not metastases are suspected): 1 cassette
 - 1 section of fracture site (try to get in relation to normal or femoral neck, if possible), in STAT decal
 - **Note:** If a tumor focus is not obvious upon cross sectioning, additional sectioning should be performed. Grosser should quadrisection the specimen, at **minimum**.
 - **Note:** If there is a large mass associated with the fracture, the specimen should be grossed under the " Bone Resection (Neoplastic)" protocol
- **For Revision Surgeries:** 4 cassettes
 - 3 sections of joint capsule/soft tissue (focus on synovial surface)

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- 1 section of bone, if present