Gynecologic Pathology Grossing Guidelines

Specimen Type: GYN SENTINEL LYMPH NODES
Ultrastaging of lymph nodes (Sentinel lymph nodes) in gynecologic malignancies:

Procedure:
1. Measure fibroadipose tissue
2. Count and measure lymph nodes (range or 3D if single node)
3. Serially section lymph nodes in the longest axis at 2-3mm intervals if large enough
4. Submit all tissue
   a. SLN- order protocol
   b. Remaining fibroadipose tissue- 1 H&E

Gross Template:

MMODAL COMMAND: "INSERT SENTINEL"

It consists of a [*measure in three dimensions****] cm portion of a [*tan-yellow****] fibroadipose tissue. Sectioning reveals [*number of lymph nodes, one lymph node****] measuring [*range if multiple/ three dimensions if single LN****]. The lymph nodes are sectioned to reveal [*describe cut surface, indicating if any tumor deposits are visible – document number of nodes involved/positive and size of deposits****]. The specimen is entirely submitted. [*Be very descriptive in cassette summary and do not put two sectioned lymph nodes together in the same cassette unless they are differentially inked****]

[*insert cassette summary****]

Cassette Submission:
1-3 cassettes (submit all tissue)
- Order sentinel lymph node package for lymph node
  o Three serial H&E sections (serial #1, 3, 5) and three immunoblanks (serial #2, 4, 6) for pancytokeratin (AE1/AE3) on serial #2 and Cytokeratin 7 on serial #4. Serial #6 is the IHC negative control.
- If metastatic carcinoma is present on frozen section, there is no need to order SLN package

Sample Cassette Submission:
A1   One lymph node, serially sectioned
A2-A3   Remaining fibroadipose tissue