

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:

Labeled with the patient's name (***), medical record number (***), designated "****", and received [*fresh/in formalin*] is a *** x *** x ***cm portion of a [tan-yellow] fibroadipose tissue. Sectioning reveals [number] lymph nodes measuring [*range if multiple/ three dimensions if single LN*]. The lymph node is serially sectioned to reveal [*describe cut surface*]. The specimen is entirely submitted.

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