

Hematopathology Grossing Guidelines

Note: Adequate fixation is essential for lymph node biopsies. If node is received late in the day (after 12PM) fix cassettes overnight in formalin before submitting. If the node is large a single cassette may be submitted the same day for provisional diagnosis. If you have any questions, please call the fellow or Hematopathologist on call.

Note: For Pediatric nodal and extranodal neoplasms, review the Pediatric Grossing Guidelines

Procedure:

Each lymph node is different depending on the clinical situation. Below serves as guidelines only. Please contact Hempth (fellows, or attendings, or Dr. Said for details):

- 1) Measure and serially section node into thin slices.
- 2) Make touch preparations and air dry for a Giemsa stain.
- 3) Thin slices should be fixed each for formalin and B5 fixation, separately.
 - a. Tissue requires at least 12 hours in fixative before processing. If late in the day, hold overnight in formalin so the tissue can fix.
- 4) Decision and amount of tissue for cytogenetics to be determined by Hematopathology.
- 5) Decision and amount of tissue for flow to be determined by Hematopathology.
- 6) When there is sufficient tissue a portion should be frozen and held for potential molecular studies.

Specimen Type: BIOPSY (suspected lymphoproliferative disease)

Gross Template:

MModal Command: "INSERT LYMPHOMA"

The specimen is received in one formalin container and one RPMI container, labeled with the patient's name ([*last name, first name****]), medical record number ([*insert MRN****]), and designated, "[*Dictate full description listed in Beaker. Ensure that the specimen label matches the Beaker order****]". The formalin-fixed portion consists of [*number****] fragments of soft tissue measuring [*measure in three dimensions****] cm in aggregate. The specimen is submitted entirely in cassette [***]. The RPMI portion consists of [*number****] fragments of soft tissue measuring [*measure in three dimensions****]. The RPMI portion is [*held for future studies/entirely submitted for flow cytometry studies****]. [*Document if touch preparation or any additional materials are received****]

[*Insert grosser's initials and today's date (SM 01/01/2000)****]

Cassette Submission: All tissue submitted