Testing begins with:
- PATHC / Pathology Consultation for lymph node evaluation
- HPWET / Hematopathology Consultation, MML Embed
- HPCUT / Hematopathology Consultation, Client Embed for bone marrow evaluation

If bone marrow is for a pretransplant evaluation OR peripheral blood and bone marrow are suspicious for a myelodysplastic syndrome

Also perform:
- CHRBM / Chromosome Analysis, Hematologic Disorders, Bone Marrow

Lymph node or extra-nodal tissue:
Malignant lymphoma (ML) diagnosis and classification

Bone marrow morphology: Involved by ML with concordant morphology?

YES
- *EQUIVOCAL/CONCERN FOR OCCULT DISEASE

NO
- STOP
  The following tests are not useful:
  - Flow cytometry
  - B-cell gene rearrangement
  - T-cell gene rearrangement
  - Chromosome analysis
  - FISH testing

Lymph node or extra-nodal tissue: Not fully characterized or questionable for ML

Bone marrow morphology: Involved by ML?

YES
- *EQUIVOCAL/CONCERN FOR OCCULT DISEASE

NO
- STOP
  The following tests are not useful:
  - Flow cytometry
  - B-cell gene rearrangement
  - T-cell gene rearrangement
  - Chromosome analysis
  - FISH testing

Perform:
- LCMS / Leukemia/Lymphoma Immunophenotyping by Flow Cytometry
- Immunohistochemical stains, as determined by reviewing pathologist.*

Do Not perform:
- Chromosome analysis
- FISH analysis**

*Anaplastic large cell lymphoma (ALCL), consider CD30 immunohistochemistry for occult disease

**FISH for prognostic purposes/classification can be performed on involved aspirate if diagnosis is an aggressive B cell lymphoma