Testing begins with:
- PATHC / Pathology Consultation for lymph node evaluation
- HPWET / Hematopathology Consultation, MCL 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
- Not fully characterized or questionable for ML

Bone marrow morphology:
- Involved by ML with concordant morphology?
- Involved by ML?

Yes
- *EQUIVOCAL/CONCERN FOR OCCULT DISEASE
- Perform:
  - LCMS / Leukemia/Lymphoma Immunophenotyping by Flow Cytometry, Varies and/or
  - Immunohistochemical stains, as determined by reviewing pathologist.*
  - Do not perform:
    - Chromosome analysis
    - FISH analysis for prognostic purposes/classification can be performed on involved aspirate in selected cases
  - *Anaplastic large cell lymphoma (ALCL), consider CD30 immunohistochemistry for occult disease

No
- *EQUIVOCAL/CONCERN FOR OCCULT DISEASE
- STOP

The following tests are not useful:
- Flow cytometry
- B-cell gene rearrangement
- T-cell gene rearrangement
- Chromosome analysis
- FISH testing

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