

Patients undergoing conditioning therapy followed by hematopoietic progenitor cell rescue must undergo the following evaluation:

1. History and physical examination to determine:
  - a. Disease status
  - b. Karnofsky performance status
  - c. Concomitant malignancy
  - d. If uncontrolled or severe cardiovascular disease, including: recent (<6 months) myocardial infarction, congestive heart failure despite optimal medical management, angina (symptomatic despite optimal medical management), life threatening arrhythmia, or hypertension present.
  - e. If active bacterial, viral, or fungal infection present.
  - f. If active peptic ulcer disease present.
  - g. If uncontrolled diabetes present.
  - h. If severe obstructive or restrictive pulmonary disease present.
  - i. If serious psychiatric illness present.
  - j. If active central nervous system disease present.
  
2. Lab evaluation:
  - a. Pulmonary function tests (DLCO, Spirometry)
  - b. Cardiac studies (MUGA-EF and/or ECHO)
  - c. Liver function studies (AST, ALT, ALP, Bilirubin)
  - d. Renal function studies (Serum creatinine, BUN, and 24 hour urine for creatinine clearance)
  - e. Infectious disease marker testing (HIV-1, HIV-2, HTLV-I, HTLV-II, Hepatitis B, Hepatitis C, Serologic test for Syphilis, CMV, HSV-1, HSV-2)
  - f. HLA-typing as per HLA-typing policy (if indicated)
  - g. Staging studies:
    - i. Bone marrow biopsy/aspirate (if indicated)
    - ii. CT scan of head, neck, chest, abdomen, pelvis (if indicated)
    - iii. PET scan (if indicated)
    - iv. Skeletal survey (if indicated)
    - v. Blood testing (e.g. SPEP, etc. if indicated)