

LABELED WBC STUDY

PATIENT PREPARATION:

No special preparation is required. For patients with inflammatory bowel disease, no barium should be in the GI system. A patient's CBC may be necessary prior to this test to assess severe leucopenia.

PROCEDURE

This procedure involves four visits to the Nuclear Medicine Department and will last a total of up to 6 hours. Some patients may need to come back for imaging on the following day as well.

A sample of blood will be taken from a vein in the patients arm. The white blood cells will be extracted and labeled with a radioactive tracer. Approximately 2-3 hours later, the white blood cells will be re-injected into the patient and images will be taken at 1 and 3 hours afterwards.