

**St. Joseph Hospital Imaging
Department of Computed Tomography (CT)**

What is a CT Guided Bone Marrow Biopsy under General Anesthesia?

The soft tissue inside the hollow part of the bone is called marrow. A CT Guided Bone Marrow Biopsy uses a needle that is carefully inserted through the hip bone and into the marrow to obtain a sample of this soft tissue. The radiologist uses the detailed images produced by the CT scan for guidance.

What is General Anesthesia?

General anesthesia causes a temporary state of unconsciousness with the absence of any feeling of pain anywhere in the body. This state is reached by giving patients anesthetic drugs. General anesthesia is used during certain medical and surgical procedures.

Before your procedure

- A Radiology Department staff member will contact you with specific instructions 1-2 days before your appointment.
- Talk to your doctor about stopping blood thinners several days before your biopsy. Instructions will be given at the time of scheduling.
- Laboratory tests before the biopsy will be required.
- Do not eat or drink after midnight before your scheduled appointment.
- Arrange for someone to drive you home after the biopsy.

**Please arrive 120 minutes before your scheduled appointment.
Please register at the Information Desk in the South Lobby of St. Joseph Hospital.**

During your procedure

The radiologist will perform the Bone Marrow Biopsy under general anesthesia. The nurse and CT Technologist will be assisting both the radiologist and the anesthesiologist. You will be asleep during the procedure.

After your procedure

You will be transferred to the post anesthesia care unit to wake up after the procedure. You will be given discharge instructions once you are awake.

The day after the procedure you will receive a follow up call by a nurse asking how you are doing. The technologist will not be able to give you any results. The results will be available to the doctor who ordered the scan within one to two business days.

Thank you

We are honored that you have selected St. Joseph Hospital to serve your healthcare

needs.