

Appendix

Chart A: **Monitoring Tests**

TEST	PURPOSE
Biopsy	Used to find out whether a tumor or abnormality is cancer. Benign means it is not cancer. Malignant means that it is cancer.
Blood test	Checks the blood to see whether the balance of the cells and chemicals is normal
Bone marrow aspiration	Collects a small sample of cells from inside a bone to be examined under a microscope
CAT scan or CT scan (Computerized axial tomography)	Uses x-rays and a computer to produce three-dimensional (3-D) images of the inside of the body
MRI (Magnetic resonance imaging)	Uses radio and magnetic waves to make images of organs and other tissues inside the body
PET scan (Positron emission tomography)	Uses computerized pictures of areas inside the body to find cancer cells
Spinal tap (Lumbar puncture)	Collects a sample of the fluid inside the spine to be examined under a microscope
Ultrasound (Ultrasonography)	Uses high-frequency sound waves to make images of internal organs and other tissues inside the body
X-ray	Takes a picture of the inside of the body using high-energy waves

PROCEDURE (What Happens)

A doctor removes a sample from a person using one of two ways: with a long needle (needle biopsy) or by making a small cut (surgical biopsy).

A nurse or technician inserts a needle into a vein, usually in the arm. Then he or she draws blood.

A needle is used to remove a small sample of tissue from a bone (usually the hip bone).

The patient lies flat on a table, which moves through a large tube while a series of x-rays is taken.

The patient lies flat on a table, which moves through a large tube while an MRI machine scans the body for several minutes.

The patient gets an injection and then a machine takes computerized pictures of areas inside the body.

A needle is used to remove fluid from the spine in the lower back.

A technician moves a small handheld device over an area on the patient's body. An image appears on the computer screen.

The patient is placed in front of the x-ray machine or lies on a table.