

Biopsies

A biopsy is a medical procedure that involves the removal of cells, tissue, or fluid from the body for examination by a pathologist. This procedure is primarily used to diagnose diseases, including cancer, by analysing the sample under a microscope to identify any abnormalities or disease processes.

Image-guided biopsy allows your health care provider to access suspicious areas that can't be felt through the skin, such as on the liver, lung, or prostate. Using real-time images, your health care provider can make sure the needle reaches the correct spot.

Health Education for Patients

1. Understanding the Purpose:

Biopsies are performed to obtain a sample from a suspicious area, such as a lump or tumour, to help diagnose conditions or diseases.

The results can provide critical information about the nature of the abnormality, guiding further treatment decisions.

2. Types of Biopsies:

Biopsies are performed either with ultrasound guidance or CT Scan guidance depending on the area.

Examples are:

- **Ultrasound-guided renal biopsy.**
- **Ultrasound-guided breast biopsy.**
- **CT guided lung biopsy.**

3. Pre-Procedure Preparation:

Before the biopsy, patients should discuss any medications they are taking with their healthcare provider, as some may need to be paused to reduce the risk of bleeding. Patients should also inform the IR about any allergies or previous reactions to anaesthesia.

4. Post-Procedure Care

After the biopsy, patients may experience some discomfort or swelling at the site. It's important to follow care instructions provided by the healthcare team, which may include keeping the area clean and dry and monitoring for signs of infection, such as increased redness or discharge.

5. Recognizing Complications:

While complications are rare, patients should be aware of potential issues such as bleeding, infection, or pain at the biopsy site. Any unusual symptoms should be reported to a healthcare provider promptly.

6. Understanding Results:

Biopsy results typically take several days to process. Patients should schedule a follow-up appointment to discuss the findings with their healthcare provider, who will explain the results and any necessary next steps in treatment or management.

If you have any concerns, call your healthcare provider at 0356391212 or visit the nearest hospital in case of an emergency.

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