

Procedures applicable for the **BIOPSY / DRAINAGE** information leaflet

- Catheter Adjustment, Kidney
- Catheter Change/Adjustment, Abdomen/Pelvis
- Catheter Change/Adjustment, Thorax
- Percutaneous Biliary Dilatation
- Percutaneous Biopsy
- Percutaneous Cholangiogram
- Percutaneous Cholecystostomy
- Percutaneous Drainage
- Percutaneous Nephrostogram
- Percutaneous Nephrostomy (PCN)
- Percutaneous Stenting
- Percutaneous Transhepatic Cholangiography (PTC)
- Percutaneous Ureteric Dilatation
- Percutaneous Sclerotherapy
- Tube Cholangiogram
- Tube Nephrostogram

Your Biopsy / Drainage Insertion Appointment

Patient Particulars:

Appointment Date/Time:

Estimated Fees for Patient:

Note: Please do not bring valuables or excess cash with you. Patients and visitors are responsible for personal belongings.

Please arrive at least 15 minutes before the appointed time to register and prepare for the procedure. We appreciate your understanding should an unforeseen delay occur due to medical exigencies. Kindly inform us if you are unable to keep to the scheduled appointment.

Preparation Instructions for Patient

(Staff to the appropriate boxes)

- Stop anticoagulation / antiplatelet drugs / Warfarin / aspirin **starting from 7 days prior to procedure date.**
- Please report for **admission** at _____.
(Except PICC, FNA (Thyroid), Nerve Root Block)
- Patients with diabetes**, please stop all medication on the day of procedure. **Patients on Metformin** to stop medication on the day of procedure and to restart after 48 hours.

Stop medication date/time: _____ Restart medication date/time: _____
- For patients with **asthma / multiple drug allergies / previous reaction to injection of contrast** media, please consult your doctor for preparation.
- Other special instructions: _____

Please bring this leaflet on the day of your appointment

Biopsy / Drainage Insertion

Patient Information Leaflet

Revised in August 2018

National University Hospital

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OneNUHS General Enquiries: contactus@nuhs.edu.sg

OneNUHS Appointments: appointment@nuhs.edu.sg

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Image Guided Biopsy/Drainage is the use of Ultrasound, Computed Tomography (CT) or Magnetic Resonance Imaging (MRI) guiding equipment to perform biopsy, catheter insertion or drainage procedure. These procedures can be done in major organs.

What to Expect for the Procedure

Before the Procedure

Your primary doctor will obtain your written consent, stating the intent of the procedure and possible alternatives have been explained to you. He should briefly inform you of the procedure involved.

On the day of the study, your interventionist will explain to you the details of the procedure and risks involved. Another written consent will be obtained. **For patients under the age of 21, parental consent is required.**

You will then be required to change into a hospital gown.

During the Procedure

Imaging will be used to determine the puncture site for the procedure.

Biopsy

When a suitable site is determined, a local anesthetic injection will be given, and a biopsy needle will be inserted to obtain tissue samples for pathology.

Drainage

A local anesthetic injection will be given around the puncture area before a drainage catheter is inserted to drain the fluids. A dressing will be applied over the puncture site. A drainage bag may be connected to collect the fluid.

After the Procedure

You are advised not to cause traction to the inserted drainage catheter to prevent the catheter from dislodging. Keep the dressings dry and inform your doctor if you observe any bleeding around the catheter site.

Important Points to Note

- Blood clotting profile should be checked at least a week before examination.
- Inform us of any known drug allergy.
- Please discuss with your doctor which **regular medications** you can take the night before/morning of the procedure. **Medications such as Warfarin or antiplatelet drugs e.g. Aspirin / Clopidigrel / Plavix will need to be withdrawn up to a week before the procedure. Diabetic medication** will be required to be stopped from the day of appointment and restarted only 48 hours after the procedure.

- Patients with history of asthma will be given **premedication** from the clinic with instructions on when to take the medication.
- Drink only small amounts of liquid for breakfast on the day of your test.
- Every effort will be made to perform your procedure at the scheduled time, but in a hospital environment, unexpected medical complexities may cause delays

What Are the Risks

Bleeding and infection may occur after the procedure. Inform your doctor if fever and pain persist.

Should you have any queries or require further clarifications, please contact:

Department of Diagnostic Imaging
Tel: (65) 6772 2216
Fax: (65) 6774 5746
Email: DDI_enquiries@nuhs.edu.sg

This brochure is classified as Unclassified, Non-Sensitive

The information in this brochure is meant for educational purposes and should not be used as a substitute for Medical diagnosis or treatment. Please seek your doctor's advice before starting any treatment, or if you have any questions related to your health, physical fitness or medical condition.

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