Liver Biopsy
A Guide For Patients/Families

This brochure provides information about liver biopsy. It is designed to respond to the questions most frequently asked by patients and parents.

The Aga Khan University Hospital, Karachi.
P.O. Box 3500, Stadium Road, Karachi-74800, Pakistan,
Website: www.aku.edu
What Is Liver Biopsy?

Liver biopsy is the removal of a small amount of liver tissue through a small needle. It is a test to examine why your liver is not working well.

How do I Prepare For The Test?

- You may be admitted to the hospital or, in many cases, you will be a day-care patient. It will only be done with your written permission and consent.
- You will not be allowed to eat or drink for six hours before and after the biopsy.
- Leave all jewellery at home.
- Arrange for someone to drive you home after the procedure.
- Do not wear contact lenses, dentures and other prosthesis.
- Bring all your X-rays and reports with you.

How and Where is The Biopsy Done?

- You will be kept in a day-care unit and will then be shifted to the Radiology Department for the test.
- You will be asked to lie on your right side.
- The doctor selects the best area by feeling between your ribs on the right side. He will clean the skin. It will feel cold. You will be given a local anaesthetic to numb the skin.
- You may also be given a sleeping and pain-relieving injection.
- Your doctor will pass a needle through the skin of your abdomen into your liver for a second and will take out a small piece of liver tissue.
• The doctor will ask you to take a deep breath during the biopsy and hold your breath for a brief period.
• The total time for the procedure is about 15 minutes.
• The liver tissue is examined afterwards under a microscope in the laboratory.

**Are There Any Other Ways Of Taking The Biopsy?**

• Ultrasound-Guided Liver Biopsy:
  This is carried out in the Radiology Department. The biopsy needle is guided through the abdomen or chest using ultrasound or Computed Tomography (CT).

• Your doctor will give you an Accommodation Request Form and a Radiology Request form and you will take an appointment for an X-ray.

**On the Day of Admission**

• Register at the Endoscopy Suite (D2) or Radiology Department (as per your doctor’s advice).
• If you have registered at Endoscopy Suite, the staff will do your assessment and take you to the Radiology Department for the procedure.

**What Happens After The Test?**

• A pressure bandage is placed at the site where the biopsy was taken.
• If you had registered at Endoscopy Suite, you will return to the Endoscopy Suite where you will be kept under observation.
• If you have registered at the Radiology Department, you will be asked to stay there for some time after the test.
• You have to lie on your right side for two hours to reduce the chances of bleeding.
• The nurse will check your pulse, respiration, blood pressure and the biopsy site frequently for few hours after the procedure.
• If there are no problems, such as bleeding, you will be discharged.
• Most patients do not have any pain after the test others may feel pain for a short time at the biopsy site. The pain may spread to the right shoulder. Simple pain killer tablets will be sufficient.

When Will I Get The Results?
You will be given an appointment with the doctor after a week to discuss the report. If you cannot keep your appointment, please call the Endoscopy Suite to reschedule it.

For further information, please call:

Endoscopy Suite                      Emergency Room
(Monday to Friday                   (Monday to Friday
8:00 AM – 5:00 PM)                 after 5:00 PM and weekends)
Aga Khan University Hospital        Aga Khan University Hospital
Phone: 4930051, Ext: 1422-23         Phone: 4930051, Ext: 1090-91