Our hospitals are **scent-free** environments. Please refrain from wearing scented products.

**PATIENT INFORMATION BROCHURE**

**Pediatric Liver Biopsy**

PATIENT ____________________________

DATE ______________________________

ARRIVAL TIME ______________________

PROCEDURE TIME ____________________

Enter Hotel Dieu Hospital through the Brock Street entrance. Take the main elevators to the 4th floor. Follow the signs to the Johnson 4 clinic reception area.
WHAT IS A LIVER BIOPSY?

Your doctor has recommended that your child have a liver biopsy. During this procedure, a small calibre needle is used to obtain a tiny piece of liver for microscopic examination.

PROCEDURE

- Before the biopsy, the doctor will test your child’s blood to make sure that it clots properly.

- The morning of the procedure, an ultrasound will be performed to help mark the biopsy site.

- A needle for intravenous (IV) medicines will be placed in your child’s arm vein before the procedure. Medicine will be injected through the IV that will make your child sleepy and relaxed. Parents may stay with their child during IV placement, but not during the procedure.

- During the entire procedure, your child will have a small tube lightly blowing oxygen into his/her nose. She/he will also have a device on their finger that will monitor heart rate and oxygen.

- With your child sleeping on his/her back, right arm above the head, the skin site of the biopsy will be cleaned then numbed with a local anaesthetic. The doctor will insert the small calibre needle and obtain the biopsy. This takes only 1-2 seconds.
PREPARATION

1. **Medication:** NO ASPIRIN or similar drugs (Advil, Motrin, Ibuprofen) for 72 hours before the biopsy.

2. **Fasting** (nothing by mouth): 6 hours prior to procedure.

3. Bring your child’s **Health Card** to the procedure.

4. If you’re unable to keep your appointment, please contact the Endoscopy Office at Hotel Dieu Hospital 613-544-3400, ext. 2293, **3 working days before the procedure date** to cancel.

WHAT TO EXPECT

- Most children do not recall any of the procedure because of the effect of the medicine.

- After the procedure your child will be asked to lie on his/her right side for about 3-4 hours. During this time blood pressure and pulse will be monitored. Your child will probably feel drowsy and may sleep for a short time. Parents may stay with their child in the recovery area.

- A blood test will be done 4-5 hours after the procedure to ensure bleeding is not occurring.

- Outpatients will be allowed to go home 6 hours after the procedure is finished. The child should rest the remainder of the day. Your child may return to regular activities the next day. If you are concerned about any discomfort or other symptoms call the physician who did your procedure.

Before you leave, the doctor will speak with you. You will receive instructions to follow when you take your child home.
COMPLICATIONS

Adverse effects and serious complications are very rare. However, any medical procedure carries some risks, which vary depending on your child’s overall health. One of the following complications may occur in rare instances.

- The drugs used for sedation may cause breathing difficulties. Medication to counteract the drugs can be given to wake the child immediately if necessary.

- The risk of bleeding from the liver is slight and bleeding usually stops on its own. It may occasionally be sufficient to require a blood transfusion or, on very rare occasions, may require surgery.

- Leakage of bile from the puncture site into the liver is another major risk. This is rare and usually stops by itself. It may be associated with pain.

- Very rarely the biopsy needle hits other organs, which may cause abdominal pain (for example, the gall bladder may be punctured and require surgery for repair).

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