

## Liver scintigraphy



Universitätsklinik für  
Nuklearmedizin  
PET Diagnostik Bern AG

Klinikdirektor  
Prof. Dr. A. Rominger



## Dear Patient

On behalf of our hospital and clinic management team, we would like to welcome you to the Inselspital Bern. You have been referred to the Department of Nuclear Medicine for an outpatient nuclear medicine procedure. This information leaflet contains further details on the examination preparation and procedure.

## General information

Nuclear medicine involves the use of radioactive substances to conduct functional and localization diagnostics for organs, tissues and systems, and treatment using open radionuclides. Radioactive tracers are used to visualise metabolic processes which enables the diagnosis of organ dysfunction without the need for invasive procedures. Camera systems allow the function of organs or body systems to be assessed externally.



## Registering for your appointment

- Please bring your Swiss health insurance card with you to your appointment.
- To register your data in the Insel system, please go to the Information Desk/ Patient Reception at the main entrance half an hour before your appointment. You will be given a number there. Once this number is called out, you will be told which cabin to go to for admission.
- Alternatively, you can register using our convenient online Patient Check-In via the Inselspital's homepage up to 48 hours before your examination appointment: [www.insel.ch/check-in](http://www.insel.ch/check-in)
- The examination will take place in the INO building, Level B. From the main entrance, follow the red dotted line on the floor to Waypoint 5. Take the elevator to Level B and then continue to follow the red dotted line to Waypoint 8 (Reception, Department of Nuclear Medicine).



## **Where does the examination take place?**

Department of Nuclear Medicine

INO B, North

CH-3010 Bern

Tel.: 031 632 24 54, Fax: 031 632 31 37

## **Information on the procedure**

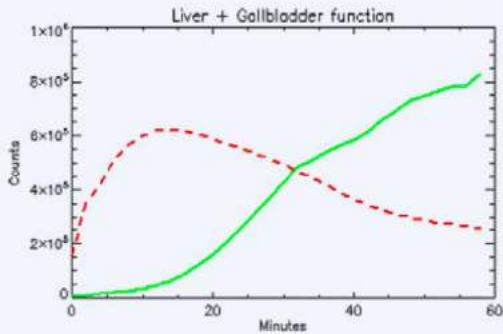
### **Purpose of the examination**

The aim of the examination is to assess the function of the liver and bile ducts.

### **Examination procedure**

After administering a small amount of a radioactive substance, a series of continuous images will be taken (duration approximately 1.5 hours).

Sometimes a high-fat meal is required after the end of imaging to assess the emptying of the gall bladder which is stimulated by the meal. Additional images can then be taken at various intervals of up to 4 hours.



### **Preparation for the examination**

- You are required to fast prior to your scheduled appointment.
- Please bring a high-fat breakfast with you.

### **Risks and side effects**

There are no side effects associated with the substances used in the procedure. Allergic reactions are extremely rare. The procedure can also be carried out safely in children.

### **Exposure to radiation**

The radiation exposure from this nuclear medicine procedure is approximately equivalent to the annual natural radiation exposure and is not influenced by the number of images taken.



## **After the examination**

- On the day of the examination you should avoid prolonged close contact with children under 16 and pregnant women. A distance of 1m is sufficient.
- Breastfeeding women do not need to take a break from breastfeeding. However, it is recommended to refrain from breastfeeding for max. 4 hours.
- Following the examination, you can carry out all further activities without any restrictions.



## Please note the following

If you need to cancel your appointment, please call to inform us (031 632 24 54) at the latest by 12:00 one working day prior to your scheduled examination. Failing this, we reserve the right to invoice you for the costs incurred.

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[www.nukmed.insel.ch](http://www.nukmed.insel.ch)

