



Punction/Biopsy / Drainage Thorax and abdomen

INSTITUT DIAGNOSTISCHE UND
INTERVENTIONELLE RADIOLOGIE

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Name:
First name:
Date of birth:

Dear patient

In the following, you will find some important information about the recommended punction or biopsy.

What is a punction / biopsy / drainage?

A punction /biopsy involves the collection of a fluid or tissue sample from a particular body region. This collection is performed under ultrasound or computer tomography (CT) image control. The collected material is examined at the pathology department. This examination will spare you potentially from having to undergo surgery.

With a drainage, a small tube is placed and fastened into a cavity filled with liquid. This tube allows the fluid to drain and collect in a small pouch.

Before the examination

You need to have an empty stomach for this procedure, that means, you should have your last meal at the latest 4 hours before the examination. If you take blood-thinning medication, you will have to stop taking it after consultation with your physician ahead of time.

The examination procedure

The punction / biopsy is performed by the radiologist, as well as specialised radiology personnel. You will be laying in an abdominal position on the examination couch. Usually, images are taken of the target area. Subsequently, the area is thoroughly disinfected and desensitised with local anaesthesia. Under image control, the radiologist places the needle in the target area, where the fluid or the tissue samples are being taken. Depending on the circumstances, this procedure is repeated. It is possible that you will need an inserted drainage for a specified period.

Possible side effects

As it is the case for every medical intervention, this treatment may have side effects. Serious complications, such as bleeding, infections or injuries to organs, are very rare. A haematoma may form at the extraction point, which is, however, usually harmless. As it is the case with all medication and substances, allergies to the local anaesthetic are possible in rare cases.

With a punction of the lung, the pleura will be damaged, which may allow air to flow between the lungs and the pleura. Such pneumothorax must be observed and might require treatment. It is also possible that you will cough up some blood after a lung punction.

Contrast medium

In some cases, we may have to inject a contrast medium in a vein on the arm for the imaging. Today's iodiferous contrast medium is usually very well tolerated. However, as with most medication and substances, allergic reactions to the contrast medium may occur. An allergic reaction may include temporary skin rashes, nausea or similar symptoms. Serious complications concerning vital functions are extremely rare.

The contrast medium is excreted over the kidneys. To support this process, we recommend drinking sufficient amounts of liquid in the next 24 hours.

After the examination

After the procedure, you will remain at the clinic for at least 2 hours for monitoring purposes. Should you show symptoms such as severe pain, fever, breathing difficulties, etc., please inform the personnel immediately.

When discharged, please ensure that you are being picked up and that you are under supervision for the first 24 hours. Avoid physically demanding activities. You are also prohibited from driving a car for the remains of the day. Leave the dressing in place, as prescribed by the radiologist.

We may ask you to answer the following questions.

Do you suffer from...	
... a blood-clotting disorder?	<input type="checkbox"/> yes <input type="checkbox"/> no
... any allergies? (contrast medium, local anaesthesia...) Which ones? <input type="text"/>	<input type="checkbox"/> yes <input type="checkbox"/> no
... any kidney disease?	<input type="checkbox"/> yes <input type="checkbox"/> no
... thyroid hyperactivity?	<input type="checkbox"/> yes <input type="checkbox"/> no
... diabetes mellitus (diabetes)?	<input type="checkbox"/> yes <input type="checkbox"/> no
... cardiac insufficiencies?	<input type="checkbox"/> yes <input type="checkbox"/> no
... any infectious disease? (hepatitis, tbc...)	<input type="checkbox"/> yes <input type="checkbox"/> no
... at a tumour disease?	<input type="checkbox"/> yes <input type="checkbox"/> no
Do you take blood-thinning medication?	<input type="checkbox"/> yes <input type="checkbox"/> no
Do you take any other medication? Which ones? <input type="text"/>	<input type="checkbox"/> yes <input type="checkbox"/> no
For women of childbearing age:	
Could you be pregnant?	<input type="checkbox"/> yes <input type="checkbox"/> no
Are you breastfeeding?	<input type="checkbox"/> yes <input type="checkbox"/> no
Your height: <input type="text"/> cm	Your weight: <input type="text"/> kg

Our personnel is available with help and advice, should you have questions or feel unsure about anything.

I confirm hereby that I took note of the information, and that I have answered the above questions truthfully. With my signature, I consent to the examination.

Date: _____ Signature of the patient: _____
(or the person in charge)

Krea / GFR und Entnahmedatum:

Visum und Datum Radiologe:

Quick / INR und Entnahmedatum: