



Vacuum-assisted biopsy of the chest

Name:
First name:
Date of birth:

INSTITUT DIAGNOSTISCHE UND
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Dear patient

In the following, you will find some vital information about the recommended vacuum-assisted biopsy.

What is a vacuum-assisted biopsy of the chest?

A change in your chest was determined after a recent mammography. The change cannot be classified as benign or malignant on the image. The vacuum-assisted biopsy allows us to extract tissue samples from the affected area and examine the sample at the pathology. This tissue extraction takes place under image control with the help of the mammography.

Before the examination

We recommend having only a light breakfast before the vacuum-assisted biopsy. 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 vacuum-assisted biopsy is performed by the radiologist, as well as specialised radiology personnel. You will be laying in an abdominal position on the examination couch. With the mammography, the chest is placed on the machine and slightly compressed. The compression has to fix the chest to avoid any shifting during the tissue extraction, it is, however, not as strong as with mammography. The area is disinfected, covered with sterile material and desensitised with local anaesthesia. With the help of the mammography, a needle is placed accurately at the affected area. With the needle, we produce a vacuum, which tightens the surrounding tissue. This allows us to extract several samples from the area around the needle. The samples are sequentially controlled. If the samples do not originate from the target area, for example, due to a shift of the chest, the biopsy is repeated. Otherwise, the radiologist marks the extraction point with a small clip for identification purposes.

Possible side effects

With the vacuum-assisted biopsy, you are looking at a small procedure, which usually proceeds without complications.

As it is the case with all medication and substances, allergies to the local anaesthetic are possible in rare cases.

There is a strong chance of a haematoma forming at the extraction point, which is, however, usually harmless.

Injuries or inflammation of surrounding structures are very rare and usually treatable complications.

After the examination

Please arrange for someone to accompany you when being discharged. After the discharge, you are prohibited from driving your car for the remains of the day. You will wear a pressure bandage around the chest for 24 hours, which is to prevent possible postoperative haemorrhages. Please refrain from engaging in any physically demanding activities and showering during this time. After 24 hours, the bandage can be removed. Cover the puncture site with a plaster until it has healed. Please contact your physician if you suffer from any bleeding, severe pain, fever, circulation reactions or other complications.

We may ask you to answer the following questions.

Do you take blood-thinning medication?	<input type="checkbox"/> yes <input type="checkbox"/> no
Do you suffer from...	
... any allergies? (local anaesthesia...)	<input type="checkbox"/> yes <input type="checkbox"/> no
Which ones?	
... a blood-clotting disorder?	<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

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)

Visum Radiologe: