

Patient agreement to investigation or treatment

Pleural biopsy

Authors: Respiratory Medicine Unit

Brief description:

- The pleura is a thin membrane that lines the lungs and inside of the chest wall. A pleural biopsy involves taking a sample of the pleural tissue to be examined under a microscope. The pleural needle biopsy is performed under a local anaesthetic.
- Here, we explain some of the aims, benefits, risks and alternatives to this procedure (operation/treatment). We want you to be informed about your choices to help you to be fully involved in making any decisions.
- Please ask about anything you do not fully understand or wish to have explained in more detail.
- If you would like this information in another format or language or would like help completing the form, please ask a member of our staff.

Please bring this form with you to hospital

- You will be asked to read this form carefully, and you and your doctor (or other appropriate healthcare professional) will sign it to document your consent.
- All our consent forms are available on the Addenbrooke's website: <http://www.addenbrookes.org.uk/consent>
- Remember, you can change your mind about having the procedure at any time.

For staff use:

Does the patient have any special requirements? (For example, requires an interpreter or other additional communication method)

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About pleural biopsy

Before your procedure

- The procedure will be performed on the ward or in the Respiratory out-patients department.
- At this clinic, we shall ask you for details of your medical history and carry out any necessary clinical examinations and investigations. A blood test will have been performed and a chest X-ray may have been taken. This is a good opportunity for you to ask us any questions about the procedure, but please feel free to discuss any concerns you might have at any time.
- You will be asked if you are taking any tablets or other types of medication - these might be ones prescribed by a doctor or bought over the counter in a pharmacy. It helps us if you bring details with you of anything you are taking (for example: bring the packaging with you).
- This procedure involves the use of local anaesthetic. The local anaesthetic drug is injected into the skin and tissues at the site of the operation. The area of numbness will be restricted and some sensation of pressure may be present, but there should be no pain.
- Please wear loose fitting, easily washable clothing and leave valuables at home.

During the procedure

- In the examination room you will be made comfortable on a couch in a sitting position.
- The skin at the biopsy site will be cleansed, and a local anaesthetic will be injected into the skin and into the pleural membrane. With the injection of the local anaesthetic, there may be a brief prick and a burning sensation.
- A larger, hollow needle is then inserted through the skin and into the chest cavity. The needle is rotated and as it is taken out, tissue samples are collected. Usually, four to six biopsy samples are taken. When the biopsy needle is inserted, you may feel pressure. As the needle is being withdrawn, you may feel a tugging sensation.
- The biopsy site is then bandaged, and sometimes a stitch is required to close the site.
- The procedure usually takes fifteen to twenty minutes.

After the procedure

- **Eating and drinking:** After the biopsy, you can eat and drink normally.
- **When you can leave hospital:** After the biopsy, you will be taken to have a further chest X-ray, monitored for a short time and then you can then go home.
- **When you can resume normal activities including work:** You should be able to resume normal activities, including light work after 24 hours.
- **Check-ups and results:** You will be given a date to return to clinic for the results of your biopsy. By then the tissue removed at the operation will have been examined and your results discussed by the Respiratory Medicine Team. Any further treatment, if recommended, will be discussed with you then.

Intended benefits of the procedure

- Pleural biopsy is usually performed to determine the cause of a persistent pleural effusion (collection of fluid around the lung) or other abnormality of the pleural membrane.

Who will perform my procedure?

- This procedure will be performed by a Respiratory Specialist.

Alternative procedures that are available

- Pleural biopsy with local anaesthetic is the quickest and safest way to establish a diagnosis of the pleural disease. However, if this approach proves unhelpful then a further larger biopsy can be performed under general anaesthetic.

Serious or frequently occurring risks

- Having a pleural biopsy is a relatively safe procedure. The chance of having a complication is small.
- There is a slight chance of the needle puncturing the wall of the lung, which can produce a partial collapse of the lung. For this reason, a chest X-ray is always done after the biopsy. This problem will usually get better on its own but occasionally requires the insertion of a tube to drain air from the lung (chest drain).
- The procedure can cause a fall in blood pressure. Cutting the pleural membrane stimulates the nerves, which reflex and cause a transient reduction in blood pressure.

Information and support

- If you have any queries about the pleural biopsy or find that you cannot keep this appointment, please contact the Respiratory Medicine Department between 9.00am and 5.00pm on Telephone no: 01223 216 645.

Please ask if you require this information in other languages, large print or audio format:
01223 216032 or patient.information@addenbrookes.nhs.uk

Potete chiedere di ottenere queste informazioni in altre lingue, in stampato grande o in audiocassetta.

Italian

若你需要本信息的繁體中文、大字體或音訊格式的版本，請要求索取。

Cantonese

तमने आ माळिती वीछ भाषाओमां, मोटा अक्षरोमां अथवा सांभली शकाय ओवा माध्यम
(ओडीओ इमेज)मां जेठती छोय तो कृपा करीने पूछो.

Gujarati

تکایہ پرسیار بکے نہ گہر نہ وزانیاریہت دہوی بہ زمانیکی تر ، بہ پیتی گہورہ یانیش بہ شیوہی دہنگ

Kurdish

آگر آپ کو یہ معلومات دوسری زبانوں میں، بڑے الفاظ کی اشاعت میں یا آڈیو ٹیپ پروکارہوں تو ہمارے مہربانی اس کیلئے درخواست کریں۔

Urdu



Addenbrooke's is smoke-free. Please do not smoke anywhere on the site.
For advice on quitting, contact your GP or the NHS smoking helpline free, 0800 169 0 169

Document History

Authors	Respiratory medicine unit
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For staff use only:

Surname:
First names:
Date of birth:
Hospital no:
Male/Female:
(Use hospital identification label)

Statement of patient

Please read this form carefully. If your treatment has been planned in advance, you should already have your own copy, which describes the benefits and risks of the proposed treatment. If not, you will be offered a copy now. Do ask if you have any further questions. The staff at Addenbrooke's are here to help you. **You have the right to change your mind at any time before the procedure is undertaken, including after you have signed this form.**

Training doctors and other health professionals is essential to the continuation of the Health Service and improving the quality of care. Your treatment may provide an important opportunity for such training, where necessary under the careful supervision of a senior doctor. You may, however, decline to be involved in the formal training of medical and other students without this adversely affecting your care and treatment.

Please read the following:

I understand that I will have the opportunity to discuss the details of anaesthesia with an anaesthetist before the procedure, unless the urgency of my situation prevents this. (This only applies to patients having general or regional anaesthesia.)

I understand that you cannot give me a guarantee that a particular person will perform the procedure. The person undertaking the procedure will, however, have appropriate experience.

I understand that any procedure in addition to those described on this form will only be carried out if it is necessary to save my life or to prevent serious harm to my health.

I have been told about additional procedures which may become necessary during my treatment. I have listed below any procedures that **I do not wish, without further discussion, to be carried out.**

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I understand that any tissue (including blood) removed as part of the procedure or treatment will be anonymised and may be used for teaching or quality control, and stored or disposed of in a manner regulated by appropriate, ethical, legal and professional standards.

I understand that all research will be approved by a research ethics committee and undertaken in accordance with appropriate ethical, legal and professional standards.

I understand that the research may be conducted within a hospital, university, not for profit organisation or a company laboratory.

Please tick boxes to indicate you either agree/disagree to the three points below. **Yes** **No**

I agree that tissue (including blood) not needed for my own diagnosis or treatment can be used for **research which may include genetic research.** **If you wish** to withdraw your consent for the use of your tissue (including blood) for research, please contact the Patient Advice and Liaison Service at Addenbrooke's Hospital.

I agree to the use of photography for the purpose of diagnosis and treatment.

I agree to anonymised photographs being used for medical teaching.

I confirm that the risks, benefits and alternatives of this procedure have been discussed with me and I have read and understood the above and agree to the procedure (or course of treatment) on this form.

Patient's signature: **Date:**

Name (PRINT):

If the patient is unable to sign but has indicated his/her consent, a witness should sign below. Young people may also like a parent to sign here (see guidance notes).

Witness' signature: **Date:**

Name (PRINT):

Confirmation of consent (to be completed by a health professional when the patient is admitted for the procedure, if the patient has signed the form in advance)

On behalf of the team treating the patient, I have confirmed with the patient that s/he has no further questions and wishes the procedure to go ahead.

Signature Date:

Name (PRINT): Job Title: