Key messages for patients

- Please read your admission letter carefully. It is important to follow the instructions we give you about not eating or drinking or we may have to postpone or cancel your operation.

- Please bring with you any medications you use (including patches, creams and herbal remedies) and any information that you have been given relevant to your care in hospital, such as x rays or test results.

- Take your medications as normal on the day of the procedure unless you have been specifically told not to take a drug or drugs before or on the day by a member of your medical team. Do not take any medications used to treat diabetes.

- Please call a member of the breast specialist nurses on 01223 596291 or 01223 216313 if you have any questions or concerns about this procedure. Other contact numbers are listed in the information section of this leaflet.

Please read this information carefully, you and your health professional will sign it to document your consent. After the procedure we will file the consent form in your medical notes and you may take this information leaflet home with you.

Important things you need to know

Patient choice is an important part of your care. You have the right to change your mind at any time, even after you have given consent and the procedure has started (as long as it is safe and practical to do so). If you are having an anaesthetic you will have the opportunity to discuss this with the anaesthetist, unless the urgency of your treatment prevents this.

We will also only carry out the procedure on your consent form unless, in the opinion of the responsible health professional, a further procedure is needed in order to save your life or prevent serious harm to your health. However, there may be procedures you do not wish us to carry out and these can be recorded on the consent form. We are unable to guarantee that a particular person will perform the procedure. However the person undertaking the procedure will have the relevant experience.

All information we hold about you is stored according to the Data Protection Act 1998.
About male mastectomy and axillary clearance

You have been recommended to have a mastectomy and removal of lymph glands in the armpit (axilla) as the surgical treatment for your breast cancer. This will be performed under general anaesthetic. The operation usually lasts up to one to two hours and you are usually able to be discharged home the same day.

Intended benefits

To remove the cancer in the breast tissue and axillary glands (if present) as far as surgically possible.

To plan the next stage of your treatment (adjuvant therapy) to help prevent recurrence of the cancer and improve your outcome.

Who will perform my procedure?

This procedure will be performed by a breast surgeon who is a member of the breast team.

Before your procedure

You will attend a pre-admission clinic, when you will meet a member of the pre assessment team. At this clinic, we will ask for details of your medical history and carry out any necessary clinical examinations and investigations.

We will ask if you take any tablets or use any other types of medication either prescribed by a doctor or bought over the counter in a pharmacy. Please bring any packaging with you.

This procedure involves the use of anaesthesia. We explain about the different types of anaesthesia or sedation we may use at the end of this leaflet. You will see an anaesthetist before your procedure.

You will normally be admitted to hospital on the day of surgery. If you have any questions about your procedure, please contact one of the breast specialist nurses.

Hair removal before an operation

For most operations, you do not need to have the hair around the site of the operation removed. However, sometimes the healthcare team need to see or reach your skin and if this is necessary they will use an electric hair clipper with a single-use disposable head, on the day of the surgery. Please do not shave the hair yourself or use a razor to remove hair, as this can increase the risk of infection. Your healthcare team will be happy to discuss this with you.
During the procedure

At the start of your procedure, you will be given the necessary anaesthetic - see below for details of this.

**Mastectomy** This involves making an incision around the breast, removing the majority of the breast tissue, including the nipple and areola (dark skin around the nipple), and some of the breast skin, which leaves a scar that is flat against the chest wall. The mastectomy will usually be performed in conjunction with the removal of the lymph glands from under your arm.

**Axillary Clearance** The lymph glands under the arm (axilla) drain a large area of the lymphatic fluid from the breast and arm, and sometimes the tumour can spread to these lymph glands. The procedure involves the removal of the majority of these glands. This will reduce the possibility of a recurrence of the tumour under the arm, as well as informing us whether the glands are involved by the tumour, which helps us plan the next stage of your treatment.

After the procedure

Once your surgery is completed you will usually be transferred to the recovery ward where you will be looked after by specially trained nurses, under the direction of your anaesthetist. The nurses will monitor you closely until the effects of any general anaesthetic have adequately worn off and you are conscious. They will monitor your heart rate, blood pressure and oxygen levels too. You may be given oxygen via a facemask, fluids via your drip and appropriate pain relief until you are comfortable enough to return to your ward.

Sometimes, people feel sick after an operation, especially after a general anaesthetic, and might vomit. If you feel sick, please tell a nurse and you will be offered medicine to make you feel more comfortable.

When you wake up, you may have a drain (plastic tube) coming from your wound. The drain collects tissue fluid in a small collecting chamber, which is monitored daily. When there is less than a certain amount (usually 50mls) of fluid collected in the drain over 24 hours, the drainage tube will be removed, which is a simple procedure. It might be possible for you to be discharged on the day of your surgery, with your drain in place. Your district nurse will take over your care and remove the drain. Occasionally it may be possible to avoid the use of drains.

**Eating and drinking.** After the operation, you will be able to eat and drink when you are awake again. This usually takes two to four hours. How quickly you return to a normal diet will depend on how you feel. Most patients recover their appetite very quickly.
Getting about after the procedure. We will help you to become mobile as soon as possible after the procedure. This helps improve your recovery and reduces the risk of certain complications. The breast specialist nurses will also give you information on arm exercises for after your surgery.

Leaving hospital. You may be able to go home on the day of or the day after your operation if you are well enough.

Resuming normal activities including work. You can usually begin gentle work within a week or two, but you might need to wait a little longer for more vigorous activity. It is not uncommon to feel a bit 'down' after any operation, so do ask your doctor or breast specialist nurse if you feel you need more psychological support.

Special measures after the procedure. You will be given more detailed information about any special measures you need to take after the procedure. You will also be given information about things to watch out for that might be early signs of problems (for example, infection).

Experienced staff are available to help you. Please tell your nurses or doctors about any concerns that you have, they will try to help you resolve them.

The skin stitches are dissolvable and will not need to be removed. You may have some surgical wound glue on top of your wound which helps the wound to heal and acts as waterproof protection. The wound may be secured with steri-strips which are like small pieces of tape. They help to heal and support the wound. These will gradually come off in the bath or the shower. You will have a light dressing covering your wound to keep it clean, and this will usually be in place for the first day or so. The breast specialist nurses will contact you at home the day following your surgery to discuss the care of your wound.

Check-ups and results. We will give you a date to return to clinic for the results of your surgery. By then the tissue removed at the operation will have been examined and your results discussed by the breast care team. Any further treatment, if recommended, will be discussed with you then.
Significant, unavoidable or frequently occurring risks of this procedure

Mastectomy
- **Altered sensation** You might have tingly feelings or shooting pain where the breast tissue was removed, this can last for six months or longer.
- **Seroma** is a collection of fluid under your chest scar after surgery. It is relatively common after mastectomy and axillary clearance, but is easily treated by drainage through a small needle. Draining is a very simple procedure that can be done by a member of the Breast Team.

Axillary clearance
- **Numbness** You may experience numbness and discomfort in the armpit and upper arm. The numbness usually lessens slowly, after treatment, but might not resolve completely
- **Shoulder stiffness** The shoulder may become stiff and painful after your operation. Performing shoulder exercises (taught to you after the operation) improves mobility.
- **Lymphoedema** is a swelling in the tissue below the skin caused by lymph fluid which cannot drain away. This can occur when the lymph glands are removed (by surgery) or blocked (by radiotherapy) secondary to scar tissue formation. The hand and or arm may swell at any time after the surgery. It can affect about 15 to 20% of women but only around 5% to a significant degree. There are certain precautions you need to take to prevent lymphoedema, these will be discussed with you by the breast specialist nurse.

Surgery
All operations have a small risk of side effects, such as pain, bleeding and infection. The risks associated with general anaesthesia include potential breathing and heart problems, as well as possible reactions to medications. For a woman who is otherwise in good health, the risk of a serious complication due to general anaesthesia is less than 1%.

Post surgical treatment
When deciding if you need post-surgical treatment (adjuvant therapy), your team will assess several factors, including the risk of the cancer recurring, the characteristics of the cancer, and how much the treatment will benefit you. This will be discussed with you by a member of the Breast Team.

Alternative procedures that are available
Mastectomy is generally considered the best option for treating breast cancer in a man. Radiotherapy to the axilla has been used as an alternative to axillary clearance. However, the present recommendation by the Breast Team is that in your case, surgery is the best form of treatment at this stage.
Other forms of treatment may be utilised in the treatment of cancer such as radiation therapy (using high-dose x-rays to kill cancer cells), chemotherapy (using drugs to kill cancer cells), and hormone therapy (using hormones to stop the cells from growing). These will be discussed with you if and when appropriate.

**Anaesthesia**

Anaesthesia means ‘loss of sensation’. There are three types of anaesthesia: general, regional and local. The type of anaesthesia chosen by your anaesthetist depends on the nature of your surgery as well as your health and fitness. Sometimes different types of anaesthesia are used together.

**Before your operation**

Before your operation you will meet an anaesthetist who will discuss with you the most appropriate type of anaesthetic for your operation, and pain relief after your surgery. To inform this decision, he/she will need to know about:

- your general health, including previous and current health problems
- whether you or anyone in your family has had problems with anaesthetics
- any medicines or drugs you use
- whether you smoke
- whether you have had any abnormal reactions to any drugs or have any other allergies
- your teeth, whether you wear dentures, or have caps or crowns.

Your anaesthetist may need to listen to your heart and lungs, ask you to open your mouth and move your neck and may review your test results.

**Pre-medication**

You may be prescribed a ‘premed’ prior to your operation. This a drug or combination of drugs which may be used to make you sleepy and relaxed before surgery, provide pain relief, reduce the risk of you being sick, or have effects specific for the procedure that you are going to have or for any medical conditions that you may have. Not all patients will be given a premed or will require one and the anaesthetist will often use drugs in the operating theatre to produce the same effects.

**Moving to the operating room or theatre**

Before starting your anaesthesia the medical team will perform a check of your name, personal details and confirm the operation you are expecting.

You will usually change into a gown before your operation and we will take you to the operating suite. When you arrive in the theatre or anaesthetic room, monitoring devices may be attached to you, such as a blood pressure cuff, heart monitor (ECG) and a monitor to check your oxygen levels (a pulse oximeter). An intravenous line (drip) may be inserted and you may be asked to breathe oxygen through a face mask.

Male mastectomy and axillary clearance, CF216, v7, May 2016
It is common practice nowadays to allow a parent into the anaesthetic room with children; as the child goes unconscious, the parent will be asked to leave.

**General anaesthesia**

During general anaesthesia you are put into a state of unconsciousness and you will be unaware of anything during the time of your operation. Your anaesthetist achieves this by giving you a combination of drugs.

While you are unconscious and unaware your anaesthetist remains with you at all times. He or she monitors your condition and administers the right amount of anaesthetic drugs to maintain you at the correct level of unconsciousness for the period of the surgery. Your anaesthetist will be monitoring such factors as heart rate, blood pressure, heart rhythm, body temperature and breathing. He or she will also constantly watch your need for fluid or blood replacement.

**Regional anaesthesia**

Regional anaesthesia includes epidurals, spinals or local anaesthetic blocks of the nerves to the limbs or other areas of the body. Local anaesthetic is injected near to nerves, numbing the relevant area and possibly making the affected part of the body difficult or impossible to move for a period of time. Regional anaesthesia may be performed as the sole anaesthetic for your operation, with or without sedation, or with a general anaesthetic. Regional anaesthesia may also be used to provide pain relief after your surgery for hours or even days. Your anaesthetist will discuss the procedure, benefits and risks with you.

**What will I feel like afterwards?**

How you will feel will depend on the type of anaesthetic and operation you have had, how much pain relieving medicine you need and your general health.

Most people will feel fine after their operation. Some people may feel dizzy, sick or have general aches and pains. Others may experience some blurred vision, drowsiness, a sore throat, headache or breathing difficulties.

You may have fewer of these effects after local or regional anaesthesia. When the effects of the anaesthesia wear off you may need pain relieving medicines.

**What are the risks of general or regional anaesthesia?**

In modern anaesthesia, serious problems are uncommon. Risks cannot be removed completely, but modern equipment, training and drugs have made it a much safer procedure in recent years. The risk to you as an individual will depend on whether you have any other illness, personal factors (such as smoking or being overweight) or surgery which is complicated, long or performed in an emergency.
Very common (1 in 10 people) and common side effects (1 in 100 people)
Feeling sick and vomiting after surgery
Sore throat
Dizziness, blurred vision
Headache
Bladder problems
Damage to lips or tongue (usually minor)
Itching
Aches, pains and backache
Pain during injection of drugs
Bruising and soreness
Confusion or memory loss

Uncommon side effects and complications (1 in 1000 people)
Chest infection
Muscle pains
Slow breathing (depressed respiration)
Damage to teeth
An existing medical condition getting worse
Awareness (becoming conscious during your operation)

Rare (1 in 10,000 people) and very rare (1 in 100,000 people) complications
Damage to the eyes
Heart attack or stroke
Serious allergy to drugs
Nerve damage
Death
Equipment failure

Deaths caused by anaesthesia are very rare. There are probably about five deaths for every million anaesthetics in the UK.

Information and support
We will give you a Patient Information Breast Care Pack which will give you additional information and your care plan. Do feel free to speak to the breast specialist nurses if you have any questions or anxieties.
The breast care nurses can be contacted on: 0800 -1700 Monday – Friday:

01223 596291  01223 216313
01223 586960  01223 348272  01223 586573

Further information is also available from:
•  www.breastcancercare.org.uk
•  www.breastcancernow.org

Male mastectomy and axillary clearance, CF216, v7, May 2016
Privacy & Dignity

Same sex bays and bathrooms are offered in all wards except critical care and theatre recovery areas where the use of high-tech equipment and/or specialist one to one care is required.

We are now a smoke-free site: smoking will not be allowed anywhere on the hospital site. For advice and support in quitting, contact your GP or the free NHS stop smoking helpline on 0800 169 0 169.

Other formats:

If you would like this information in another language, large print or audio, please ask the department where you are being treated, to contact the patient information team: patient.information@addenbrookes.nhs.uk.

Please note: We do not currently hold many leaflets in other languages; written translation requests are funded and agreed by the department who has authored the leaflet.

Document history

Authors Joanna Rowley
Pharmacist n/a
Department Cambridge University Hospitals NHS Foundation Trust, Hills Road, Cambridge, CB2 0QQ www.cuh.org.uk
Contact number 01223 245151
Publish/Review date May 2016/May 2019
File name CF216_male_mastect_axilclear.doc
Version number/Ref 7/CF216
Information about important questions on the consent form

1 Creutzfeldt Jakob Disease (‘CJD’)
We must take special measures with hospital instruments if there is a possibility you have been at risk of CJD or variant CJD disease. We therefore ask all patients undergoing any surgical procedure if they have been told that they are at increased risk of either of these forms of CJD. This helps prevent the spread of CJD to the wider public. A positive answer will not stop your procedure taking place, but enables us to plan your operation to minimise any risk of transmission to other patients.

2 Photography, Audio or Visual Recordings
As a leading teaching hospital we take great pride in our research and staff training. We ask for your permission to use images and recordings for your diagnosis and treatment, they will form part of your medical record. We also ask for your permission to use these images for audit and in training medical and other healthcare staff and UK medical students; you do not have to agree and if you prefer not to, this will not affect the care and treatment we provide. We will ask for your separate written permission to use any images or recordings in publications or research.

3 Students in training
Training doctors and other health professionals is essential to the NHS. Your treatment may provide an important opportunity for such training, where necessary under the careful supervision of a registered professional. You may, however, prefer not to take part in the formal training of medical and other students without this affecting your care and treatment.

4 Use of Tissue
As a leading bio-medical research centre and teaching hospital, we may be able to use tissue not needed for your treatment or diagnosis to carry out research, for quality control or to train medical staff for the future. Any such research, or storage or disposal of tissue, will be carried out in accordance with ethical, legal and professional standards. In order to carry out such research we need your consent. Any research will only be carried out if it has received ethical approval from a Research Ethics Committee. You do not have to agree and if you prefer not to, this will not in any way affect the care and treatment we provide. The leaflet ‘Donating tissue or cells for research’ gives more detailed information. Please ask for a copy.

If you wish to withdraw your consent on the use of tissue (including blood) for research, please contact our Patient Advice and Liaison Service (PALS), on 01223 216756.
Male mastectomy and axillary clearance

• To remove the cancer in the breast tissue and axillary glands (if present) as far as surgically possible.
• To plan the next stage of your treatment (adjuvant therapy) to help prevent recurrence of the cancer and improve your outcome.

• altered sensation
• seroma,
• numbness
• shoulder stiffness
• lymphoedema
• pain
• bleeding
• infection

Patient safety – at the heart of all we do
Consent Form

Male mastectomy and axillary clearance

The following information leaflet has been provided:

Male mastectomy and axillary clearance

CF216, version 7, May 2016

or [ ] I have offered the patient information about the procedure but this has been declined.

This procedure will involve:

[ ] General and/or regional anaesthesia  [ ] Local anaesthesia  [ ] Sedation  [ ] None

Signed (Health professional): ................................................................. Date: D.D. / M.M. / Y.Y.Y.Y.

Name (PRINT): ........................................................................ Time (24hr): H.H. : M.M.

Designation: ........................................................................ Contact/bleep no.: 

Consent of patient / person with parental responsibility

I confirm that the risks, benefits and alternatives of this procedure have been discussed with me and that my questions have been answered to my satisfaction and understanding.

Important: please read the patient information about this procedure and then put a tick in the relevant boxes for the following questions:

1 Creutzfeldt Jakob disease (CJD)
Have you ever been notified that you are at risk of CJD or variant CJD for public health purposes? If yes, please inform your health professional. [ ] Yes [ ] No

2 Photography, Audio or Visual Recording
a) I agree to the use of any of the above type of recordings for the purpose of diagnosis and treatment. [ ] Yes [ ] No

b) I agree to unidentified versions of any of the above recordings being used for audit and medical teaching in a healthcare setting. [ ] Yes [ ] No

3 Medical Training
I agree to the involvement of trainee medical and other students as part of their formal training. [ ] Yes [ ] No
Consent Form

Male mastectomy and axillary clearance

4 Use of Tissue
   a) I agree that tissue (including blood) not needed for my own diagnosis
      or treatment can be used and stored for ethically approved research
      which may include ethically approved genetic research.

   b) Where additional clinical information is needed for the purposes of ethically
      approved research, I agree that relevant sections of my medical record may
      be looked at by researchers or by relevant regulatory authorities. I give
      permission for these individuals to have access to my records.

I have listed below any procedures that I do not wish to be carried out without further discussion.

I have read and understood the Patient Information about this procedure and the above additional
information. I agree to the procedure or treatment.

Signed (Patient): .......................................................... Date: D.D./M.M./Y.Y.Y.Y.
Name of patient (PRINT): .........................................................

If signing for a child or young person; delete if not applicable.
I confirm I am a person with parental responsibility for the patient named on this form.
Signed: ........................................................................ Date: D.D./M.M./Y.Y.Y.Y.
Relationship to patient: .................................................................

If the patient is unable to sign but has indicated his/her consent, a witness should sign below.
Signed (Witness): .......................................................... Date: D.D./M.M./Y.Y.Y.Y.
Name of witness (PRINT): .........................................................
Address: ..................................................................................
Consent Form

Male mastectomy and axillary clearance

D Confirmation of consent

Confirmation of consent (where the treatment/procedure has been discussed in advance)
On behalf of the team treating the patient, I have confirmed with the patient that she/he has no further questions and wishes the treatment/procedure to go ahead.

Signed (Health professional): .................................................. Date: ....D./M.M./Y.Y.Y.Y...

Name (PRINT): ................................................................. Job title: .................................................................

Please initial to confirm all sections have been completed:

E Interpreter’s statement (if appropriate)

I have interpreted the information to the best of my ability, and in a way in which I believe the patient can understand:

Signed (Interpreter): .......................................................... Date: ....D./M.M./Y.Y.Y.Y...

Name (PRINT): .................................................................

Or, please note the language line reference ID number:

F Withdrawal of patient consent

☐ The patient has withdrawn consent (ask patient to sign and date here)

Signed (Patient): ............................................................. Date: ....D./M.M./Y.Y.Y.Y...

Signed (Health professional): ............................................. Date: ....D./M.M./Y.Y.Y.Y...

Name (PRINT): ............................................................. Job title: .................................................................