

Having a loop diathermy under local or general anaesthetic following a colposcopy

This leaflet aims to answer your questions about having a loop diathermy. It explains the benefits, risks and alternatives of the procedure as well as what you can expect when you come to hospital. If you have any further questions or concerns, please speak to a doctor or nurse caring for you.

What is a loop diathermy?

A loop diathermy is used to treat women with an abnormality on their cervix. It involves taking a biopsy of the cervix (neck of the womb) using a thin loop of electrified wire to remove the abnormal cells. This procedure is also known as a large loop excision of the transformation zone (LLETZ).

The procedure is usually performed under local anaesthetic (where a medication is used to 'numb' the neck of the womb). However in some cases we need to perform the procedure when the patient is under a general anaesthetic (asleep for the entire procedure).

Why should I have a loop diathermy?

We are performing the procedure to remove the area of abnormal cells which have been identified on your cervix during your colposcopy examination (detailed examination of your cervix).

What are the risks?

Bleeding:

It is normal to have some light bleeding and discharge for up to four weeks following the treatment to your cervix. Initially, we would expect you to have a mucky-looking discharge (brown from the iodine used) with a few spots of blood. This may then become a very watery discharge. We would not expect you to have heavy bleeding.

In the unlikely event that you have heavy bleeding, which is heavier than your normal period, or if you are passing blood clots we would advise you to attend the A&E department at St Thomas', or your nearest A&E department. If you need further advice please contact the Colposcopy Unit on **020 7188 3691** (Monday to Friday, 9am – 5pm).

Infection:

If you have a vaginal discharge which has an offensive (bad) smell, a fever or severe ongoing lower abdominal (belly) pain it may indicate that you have an infection. Please go to your GP who may prescribe you antibiotics.

If you are still bleeding after 4 weeks, please contact the Colposcopy Unit (details at end of the leaflet), as this may be a sign of infection and we may advise you to go to your GP for an examination of your cervix.

Premature delivery:

The treatment should not affect your ability to become pregnant. However, treatment may weaken the cervix and may slightly increase the risk of premature delivery. Therefore, if you get pregnant following this treatment we advise you to inform your GP and midwife that you have had treatment to your cervix.

Stenosis (narrowing) of the cervical os (the small opening of the cervix)

Following loop diathermy to your cervix there is a small risk (less than two out of every 100 women) that the cervical os may close over. You can help prevent this by allowing your period to come as normal following the procedure. If you take a 21-day contraceptive pill, this means that you should not run two packs together; instead you should make sure you leave a week (the seven day break) between finishing one pack and starting another.

It is important to remember that we are performing the treatment to your cervix to help prevent possible cervical cancer from developing.

I have a coil fitted, what happens now?

If you have a coil (IUCD) or Mirena (IUS) fitted, the clinician **may** take it out at the time of your treatment. A coil can be re-fitted four weeks after your treatment. The best time to fit your new coil will have to be agreed with your GP / Family Planning Clinic.

You should use an additional method of contraception (such as a condom) as well as the coil, or abstain from sexual intercourse for seven days before your planned procedure.

What if I am pregnant?

It is **not** possible for us to undertake surgery on your cervix if you are pregnant. In order to ensure that you are not pregnant on the day of your surgery we ask that you have protected sexual intercourse leading up to your operation date. We will also ask you about dates of your last period. If there is any chance you are pregnant, please inform the doctor or nurse seeing you. They may perform a pregnancy test on you which will be done by testing a sample of urine.

If you are pregnant when you are due to have the procedure to remove the abnormal cells, we will defer your treatment until after you have had your baby (please let us know your expected date of delivery when you come to see us).

The doctor or nurse looking after you **may** want to monitor the abnormal cells throughout your pregnancy. They will do this by asking you to come for another colposcopy while you are pregnant, but this does not harm your baby. You will be asked to come back to the Colposcopy Unit 12 weeks after the birth of your baby so that we can have another look at your cervix, we may also carry out the treatment at this time.

Are there any alternatives?

Your doctor or nurse will have recommended loop diathermy because we believe this is the best way to get an accurate diagnosis of the stage of your cervical abnormality. If you have any questions about why we have recommended this procedure for you, please contact us (details at end of the leaflet).

How can I prepare for the loop diathermy?

If you are having a **local anaesthetic**, you can carry on as normal before the procedure. It is important that you eat and drink before the procedure and **do not starve yourself**.

You may like to bring someone with you so that they can take you home after the procedure, but it is not essential.

If you are having the **general anaesthetic**, we will give you instructions in your admission letter about when you need to start fasting (stop eating and drinking certain liquids), depending on the time of your operation. Fasting means that you cannot eat or drink anything (except water) for six hours before surgery. We will give you clear instructions on when to start fasting. It is important to follow these instructions. If there is food or liquid in your stomach during the anaesthetic it could come up to the back of your throat and damage your lungs. Please see our leaflet **Having an anaesthetic** for more information.

I'm going on holiday, what should I do?

If you are planning on going abroad and we have sent you an appointment for treatment, please call us to let us know. **We would normally suggest that you do not travel abroad for at least 2 weeks following the treatment.** This is because of the risk of bleeding and other complications.

Giving my consent (permission)

We want to involve you in all the decisions about your care and treatment. If you decide to go ahead under local anaesthetic, you will be asked to verbally agree to the procedure. If you decide to go ahead under general anaesthetic you will be asked to sign a consent form. This confirms that you agree to have the procedure and understand what it involves.

Remember, it is your decision. You can change your mind at any time, (as long as this is before the doctor or nurse have actually started the treatment procedure), even if you have signed the consent form. Let staff know immediately if you change your mind. Your wishes will be respected at all times. If you would like more information about our consent process, please speak to a member of staff caring for you.

Will I feel any pain?

You should not feel any pain during the procedure. If you are having a general anaesthetic you will be asleep. If you are having a local anaesthetic, this is given prior to the treatment, so you should not feel any pain during the procedure, although you are likely to feel some pressure on your cervix. It is unusual to feel discomfort after the treatment. You may experience a mild period like pain, if this occurs we advise that you take your normal pain relieving medication.

What happens during the loop diathermy?

If you are having a local anaesthetic you will be seen in the same department as you were seen in for your previous colposcopy appointment(s). This is the Colposcopy Unit which is located within the Gynaecology Outpatients Department (McNair Centre, Guy's Hospital).

If you are having a **general anaesthetic** you will also be seen in the Colposcopy Unit or McNair Centre in Guy's Hospital for an appointment where you will discuss the operation with a doctor and sign your consent form. You will also be seen in McNair Centre for your pre-assessment appointment. You will have your actual treatment performed in St Thomas' Hospital. This is usually done in the Day Surgery Unit.

With a general anaesthetic you will speak to the consultant or one of their medical team before your operation and they will recheck the consent form with you. The nursing team will look after you. You will be asked to undress completely and put on a hospital gown. You will be taken to the operating theatre where your general anaesthetic will be given and where you will be treated whilst you are asleep. The actual procedure is the same as is detailed below.

If you are being treated under a local anaesthetic, as with your previous appointment(s) you will have a consultation with the colposcopist. You will be taken to the examination area where you will be asked to undress from the waist down (a loose skirt does not need to be removed). The nurse who will be looking after you and assisting the colposcopist will then help you to get into a comfortable position on the examination couch.

The procedure usually takes between 15 – 20 minutes. During the examination an instrument called a speculum will be inserted into your vagina to hold back the vaginal walls and to show your cervix for the clinician to examine. The colposcopist then uses the colposcope to examine your cervix. They may then apply the liquids to the cervix to show any abnormal looking areas. The area is then numbed if you are having the procedure under local anaesthetic (if you are having a general anaesthetic you will already be asleep).

When the local anaesthetic has taken effect, the colposcopist will proceed with the treatment. The area of abnormality is removed using the thin loop of electrified wire, which also helps to stop any bleeding caused by the removal of the tissue. The area is then cauterised (sealed using a hot implement) to prevent further bleeding. The whole procedure normally takes approximately 15 minutes.

After the procedure has finished, the speculum will be taken out and you will be asked to rest on the examination couch for a few minutes. The assisting nurse will then tell you when to get up and dressed. Once you are dressed you will go back to see the colposcopist who will talk to you about the procedure.

What happens after the loop diathermy?

If you have had a **local anaesthetic**, we ask you to stay in the department for approximately 20 minutes after the procedure. During this time a nurse will check on you and will go through the instruction leaflet and answer any questions you may have. We advise that you bring someone with you, so that they can take you home following the procedure. You can eat and drink as normal.

Following a **general anaesthetic**, you will be required to stay in the Day Surgery Unit for at least two hours after the procedure. You must have someone who can take you home following a general anaesthetic and a responsible adult needs to stay with you overnight. Please see our leaflet called **Surgical Admissions Lounges (SAL) and Day Surgery Units (DSU) at Guy's and St Thomas' hospitals** for more information.

What do I need to do after I go home?

We advise that you go home after the procedure and rest for the remainder of the day. If you have had a local anaesthetic you should be able to go to work the following day. If your appointment is late in the afternoon, you may wish to book the following day off work.

If you have had a general anaesthetic, you should rest on the day of your operation. You do not need to stay in bed the following day, but we would advise that you have a restful day. Ideally, we would recommend that you have someone staying with you for the first 24 hours.

With both the local and general anaesthetic, we recommend that you return to work depending on how you feel, taking into consideration the demands of your job. You should be able to self-certify a sick certificate for seven days. Please avoid any heavy lifting (at home or at work) for the next 2 weeks.

A general anaesthetic may affect your judgement and co-ordination for 24 – 48 hours.

In the first 24 hours we would suggest that you avoid:

- Operating any machinery
- Driving any vehicle, including a bicycle
- Attempt to cook, use sharp utensils or pour hot or boiling liquids
- Drink alcohol or smoke
- Take sleeping tablets
- Make any important decisions or sign any contracts

We recommend that you avoid swimming until the vaginal discharge has stopped, ideally for at least four weeks. If you attend the gym or do any strenuous exercise, please refrain for 2 weeks following your surgery, after which you can slowly build up going again. If you start to bleed during / following a gym session please avoid going for a further week.

When you get your menstrual period, please only use sanitary towels, **do not use tampons for four weeks** following the treatment. This allows time for the cervix to heal and lessens the risk of infection. **Do not have sexual intercourse for four weeks** following the treatment, allowing time for your cervix to heal and to lessen the risk of bleeding and infection.

You can bathe as normal following your treatment. We would advise you to shower where possible, however if you do not have access to a shower, please have a warm bath (not hot).

What should I do if I have a problem?

If you have any concerns following your treatment please do not hesitate to contact the Colposcopy Unit (details at end of leaflet).

Will I have a follow-up appointment?

It is very important that you have your first cervical cytology test (smear test) and Human Papilloma Virus (HPV) test six months after your treatment. More information on these tests will be given to you in the clinic after your procedure. These will probably be done in the colposcopy clinic or you may be asked to see your GP. We will inform you where you need to have your next cervical cytology test taken in your results letter. If you do not get your results letter within eight weeks following your treatment, please ring the Colposcopy Unit (details at end of leaflet).

Further information

Websites - the websites below are run by cancer charities, but this does not mean that you have cancer. These websites are the ones we believe have the most detailed information which we hope may help you to answer more of your questions.

- www.cancerhelp.org.uk
- www.macmillan.org.uk
- www.jotrust.co.uk
- www.cancerhelp.cancerresearchuk.org
- www.cancerscreening.nhs.uk/cervical
- www.bsccp.org.uk

Contact us

If you have any questions or concerns about having your colposcopy examination, please contact the Colposcopy Unit on **020 7188 3691** (Monday to Friday, 9am to 5pm).

Pharmacy Medicines Helpline

If you have any questions or concerns about your medicines, please speak to the staff caring for you or call our helpline.

t: 020 7188 8748 9am to 5pm, Monday to Friday

Your comments and concerns

For advice, support or to raise a concern, contact our Patient Advice and Liaison Service (PALS). To make a complaint, contact the complaints department.

t: 020 7188 8801 (PALS) **e:** pals@gstt.nhs.uk
t: 020 7188 3514 (complaints) **e:** complaints2@gstt.nhs.uk

Language Support Services

If you need an interpreter or information about your care in a different language or format, please get in touch:

t: 020 7188 8815 **e:** languagesupport@gstt.nhs.uk

NHS 111

Offers medical help and advice from fully trained advisers supported by experienced nurses and paramedics. Available over the phone 24 hours a day.

t: 111

NHS Choices

Provides online information and guidance on all aspects of health and healthcare, to help you make choices about your health.

w: www.nhs.uk

Get involved and have your say: become a member of the Trust

Members of Guy's and St Thomas' NHS Foundation Trust contribute to the organisation on a voluntary basis. We count on them for feedback, local knowledge and support. Membership is free and it is up to you how much you get involved. To find out more, and to become a member:

t: 0800 731 0319 **e:** members@gstt.nhs.uk **w:** www.guysandstthomas.nhs.uk/membership

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