



## Endoscopic Ultrasound (EUS) & Fine Needle Biopsy

Facility:

(Affix identification label here)

URN:

Family name:

Given name(s):

Address:

Date of birth:

Sex:  M  F  I

### A. Interpreter / cultural needs

- An Interpreter Service is required?  Yes  No  
If Yes, is a qualified Interpreter present?  Yes  No  
A Cultural Support Person is required?  Yes  No  
If Yes, is a Cultural Support Person present?  Yes  No

### B. Condition and treatment

The doctor has explained that you have the following condition: *(Doctor to document in patient's own words)*

.....  
.....

This condition requires the following procedure.  
*(Doctor to document - include site and/or side where relevant to the procedure)*

.....  
.....

The following will be performed:

An endoscopic ultrasound (EUS) is where the doctor uses an instrument called an endoscope, which has an ultrasound probe at its tip to examine the wall layers (inside and outside) of the upper and lower gastrointestinal tract. It also provides excellent pictures of your pancreas, bile ducts and organs in your chest.

An endoscope is a long, thin, flexible tube with a small camera and light attached which allows the doctor to see the pictures of the inside and outside of your gut on a video screen.

The EUS allows a fine needle biopsy (sample) of tissue to be taken inside or outside the wall of the gut.

This procedure may or may not require a sedation anaesthetic.

### C. Risks of an endoscopic ultrasound (EUS) & fine needle biopsy

There are risks and complications with this procedure. They include but are not limited to the following.

**Common risks and complications** include:

- Nausea and vomiting. Faintness or dizziness, especially when you start to move around.
- Headache.
- Pain, redness or bruising at the sedation injection site (usually in the hand or arm).
- Muscle aches and pains.
- Allergy to medications given at time of the procedure.

**Uncommon risks and complications** include:

- About 2 people in every 100 will get an infection from a fine needle biopsy of a cyst. Antibiotics are given during and after the procedure to reduce the risk of this complication.
- About 1 person in every 100 will experience pancreatitis. This usually settles without specific treatment but extremely rarely can cause death.
- About 2 people in every 1,000 will have minor bleeding from the gut where the fine needle biopsy was taken. This can usually be stopped through the endoscope. Rarely, surgery is needed to stop the bleeding.
- About 1 person in every 1,000 will accidentally get a tear or hole (perforation) through the wall of the gut. This can cause a leak of stomach contents into the abdomen. Surgery may be needed to repair the tear or hole.
- Missed growths in and around the gastrointestinal tract.
- Your procedure may not be able to be completed.
- Heart and lung problems such as heart attack or vomit in the lungs causing pneumonia. Emergency treatment may be necessary.
- Damage to your teeth or jaw due to the presence of instruments in your mouth.
- 'Dead arm' type feeling in any nerve, due to positioning with the procedure – usually temporary.
- An existing medical condition that you may have getting worse.

**Rare risks and complications** include:

- Bacteraemia (infection in the blood). This will need antibiotics.
- Stroke resulting in brain damage.
- Anaphylaxis (severe allergy) to medication given at the time of procedure.
- Death as a result of complications to this procedure is rare.

### D. Significant risks and procedure options

*(Doctor to document in space provided. Continue in Medical Record if necessary.)*

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.....

### E. Risks of not having this procedure

*(Doctor to document in space provided. Continue in Medical Record if necessary.)*

.....  
.....



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## F. Patient consent

I acknowledge that the doctor has explained;

- my medical condition and the proposed procedure, including additional treatment if the doctor finds something unexpected. I understand the risks, including the risks that are specific to me.
- The anaesthetic/sedation required for this procedure. I understand the risks, including the risks that are specific to me.
- other relevant procedure/treatment options and their associated risks.
- my prognosis and the risks of not having the procedure.
- that no guarantee has been made that the procedure will improve my condition even though it has been carried out with due professional care.
- the procedure may include a blood transfusion.
- tissues and blood may be removed and could be used for diagnosis or management of my condition, stored and disposed of sensitively by the hospital.
- if immediate life-threatening events happen during the procedure, they will be treated based on my discussions with the doctor or my Acute Resuscitation Plan.
- a doctor other than the Consultant may conduct the procedure. I understand this could be a doctor undergoing further training.

**I have been given the following Patient Information Sheet/s:**

**Endoscopic Ultrasound (EUS) & Fine Needle Biopsy**

- I was able to ask questions and raise concerns with the doctor about my condition, the proposed procedure and its risks, and my treatment options. My questions and concerns have been discussed and answered to my satisfaction.
- I understand I have the right to change my mind at any time, including after I have signed this form but, preferably following a discussion with my doctor.
- I understand that image/s or video footage may be recorded as part of and during my procedure and that these image/s or video/s will assist the doctor to provide appropriate treatment.

On the basis of the above statements,

## I request to have the procedure

Name of Patient: .....

Signature: .....

Date: .....

### Patients who lack capacity to provide consent

Consent must be obtained from a substitute decision maker/s in the order below.

Does the patient have an Advance Health Directive (AHD)?

Yes ▶ Location of the original or certified copy of the AHD: .....

No ▶ Name of Substitute Decision Maker/s: .....

Signature: .....

Relationship to patient: .....

Date: ..... PH No: .....

**Source of decision making authority (tick one):**

- Tribunal-appointed Guardian
- Attorney/s for health matters under Enduring Power of Attorney or AHD
- Statutory Health Attorney
- If none of these, the Adult Guardian has provided consent. Ph 1300 QLD OAG (753 624)

## G. Doctor/delegate statement

I have explained to the patient all the above points under the Patient Consent section (G) and I am of the opinion that the patient/substitute decision-maker has understood the information.

Name of Doctor/delegate: .....

Designation: .....

Signature: .....

Date: .....

## H. Interpreter's statement

I have given a sight translation in

.....  
*(state the patient's language here)* of the consent form and assisted in the provision of any verbal and written information given to the patient/parent or guardian/substitute decision-maker by the doctor.

Name of Interpreter: .....

Signature: .....

Date: .....

DO NOT WRITE IN THIS BINDING MARGIN

### 1. What is an endoscopic ultrasound (EUS) and fine needle biopsy?

An endoscopic ultrasound (EUS) is where the doctor uses an instrument called an endoscope, which has an ultrasound probe at its tip to examine the wall layers (inside and outside) of the upper and lower gastrointestinal tract. It also provides excellent pictures of your pancreas, bile ducts and organs in your chest.

An endoscope is a long, thin, flexible tube with a small camera and light attached which allows the doctor to see the pictures of the inside and outside of your gut on a video screen. The scope bends, so that the doctor can move it around the curves of your gut. The scope also blows air and this expands the folds of tissues so that the doctor can see the linings better. As a result, you might feel some pressure, bloating or cramping during the procedure.

The EUS allows a fine needle biopsy (sample) of tissue to be taken inside or outside the wall of the gut. This needle is passed through the scope, and using the ultrasound as a guide, it is passed into the tissue of concern.

The EUS procedure is mostly used to:

- diagnose tumours of the oesophagus, stomach, duodenum, pancreas and bile ducts.
- diagnose some tumours of the lung.
- diagnoses diseases of internal organs including, Pancreatitis or cysts of the pancreas.
- detect bile duct stones, including gall stones.
- assess abnormalities of the walls (inside and outside) of the gut.
- collect fluid samples from the lungs or abdominal cavity.

This procedure has 2 possible points of body entry, through a patient's mouth or anus, depending on the disease under investigation.

You should plan on 2 to 3 hours for waiting, preparation and recovery. The procedure itself usually takes anywhere from 30 to 60 minutes.

This procedure may or may not require a sedation anaesthetic.

### 2. Will there be any discomfort? Is any anaesthetic needed?

The procedure can be uncomfortable and to make the procedure more comfortable a sedative injection or a light anaesthetic will be given.

Before the procedure begins, the doctor will put a drip into a vein in your hand or forearm. This is where the sedation or anaesthetic is injected.

### 3. What is sedation?

Sedation is the use of drugs that give you a 'sleepy-like' feeling. It makes you feel very relaxed during a procedure that may be otherwise unpleasant or painful.

You may remember some or little about what has occurred during the procedure.

Anaesthesia is generally very safe but every anaesthetic has a risk of side effects and complications. Whilst these are usually temporary, some of them may cause long-term problems.

The risk to you will depend on:

- personal factors, such as whether you smoke or are overweight.
- whether you have any other illness such as asthma, diabetes, heart disease, kidney disease, high blood pressure or other serious medical conditions.

### 4. What are the risks of this specific procedure?

There are risks and complications with this procedure. They include but are not limited to the following.

**Common risks and complications** include:

- Nausea and vomiting. Faintness or dizziness, especially when you start to move around.
- Headache.
- Pain, redness or bruising at the sedation injection site (usually in the hand or arm).
- Muscle aches and pains.
- Allergy to medications given at time of the procedure.

**Uncommon risks and complications** include:

- About 2 people in every 100 will get an infection from a fine needle biopsy of a cyst. Antibiotics are given during and after the procedure to reduce the risk of this complication.
- About 1 person in every 100 will experience pancreatitis. This usually settles without specific treatment but extremely rarely can cause death.
- About 2 people in every 1,000 will have minor bleeding from the gut where the fine needle biopsy was taken. This can usually be stopped through the endoscope. Rarely, surgery is needed to stop the bleeding.
- About 1 person in every 1,000 will accidentally get a tear or hole (perforation) through the wall of the gut. This can cause a leak of stomach contents into the abdomen. Surgery may be needed to repair the tear or hole.
- Missed growths in and around the gastrointestinal tract.
- Your procedure may not be able to be completed.
- Heart and lung problems such as heart attack or vomit in the lungs causing pneumonia. Emergency treatment may be necessary.
- Damage to your teeth or jaw due to the presence of instruments in your mouth.

# Consent Information - Patient Copy

## Endoscopic Ultrasound (EUS) & Fine Needle Biopsy

- 'Dead arm' type feeling in any nerve, due to positioning with the procedure – usually temporary.
- An existing medical condition that you may have getting worse.

**Rare risks and complications** include:

- Bacteraemia (infection in the blood). This will need antibiotics.
- Stroke resulting in brain damage.
- Anaphylaxis (severe allergy) to medication given at the time of procedure.
- Death as a result of complications to this procedure is rare.

### 5. What are your responsibilities before having this procedure?

You are less at risk of problems if you do the following:

- Bring all your prescribed drugs, those drugs you buy over the counter, herbal remedies and supplements and show your doctor what you are taking. Tell your doctor about any allergies or side effects you may have.
- Do not drink any alcohol and stop recreational drugs 24 hours before the procedure. If you have a drug habit please tell your doctor.
- If you take Warfarin, Persantin, Clopidogrel (Plavix or Iscover), Asasantin or any other drug that is used to thin your blood ask your doctor if you should stop taking it before the procedure as it may affect your blood clotting. Do not stop taking them without asking your doctor.
- Tell your doctor if you have:
  - had heart valve replacement surgery.
  - received previous advice about taking antibiotics before a dental treatment or a surgical procedure.

### 6. Preparation for the procedure

Your stomach must be empty for the procedure to be safe and thorough, so you will not be able to eat or drink anything for at least six hours before the procedure.

### 7. What if the doctor finds something wrong?

Your doctor may take a biopsy (a very small piece of the stomach lining) to be examined at Pathology.

Biopsies are used to identify many conditions even if cancer is not thought to be the problem.

### 8. What if I don't have the procedure?

Your symptoms may become worse and the doctor will not be able to give you the correct treatment without knowing the cause of your problems.

### 9. Are there other tests I can have instead?

Yes. A computer tomography scan (CT) and magnetic resonance imaging (MRI's). Your doctor will discuss these options with you.

### 10. What can I expect after the endoscopic ultrasound?

You will be in the recovery area for about 2 hours until the effect of the sedation wears off.

Your doctor will tell you when you can eat and drink. Most times this is straight after the procedure.

You might have some cramping pain or bloating because of the air entering the bowel during the procedure. This should go away when you pass wind. Moving around helps this.

You will be told what was found during the examination or you may need to come back to discuss the results, and to find out the results of any biopsies that may have been taken.

### 11. What are the safety issues?

Sedation will affect your judgment for about 24 hours. For your own safety and in some cases legally;

- Do **NOT** drive any type of car, bike or other vehicle. You must be taken home by a responsible adult person.
- Do **NOT** operate machinery including cooking implements.
- Do **NOT** make important decisions or sign a legal document.
- Do **NOT** drink alcohol, take other mind-altering substances, or smoke. They may react with the sedation drugs.
- Have an adult with you on the first night after your surgery.

Notify the hospital Emergency Department straight away if you have;

- severe ongoing abdominal pain.
- trouble swallowing.
- a fever.
- sharp chest or throat pain.
- have redness, tenderness or swelling for more than 48hours where you had the injection for sedation (either in the hand or arm).

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### Notes to talk to my doctor about:

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