

GUIDE

Pleuroscopy

Appointment:

Date: _____ Time: _____



The Ottawa Hospital | L'Hôpital
d'Ottawa

Disclaimer

This is general information developed by The Ottawa Hospital. It is not intended to replace the advice of a qualified health-care provider. Please consult your own health-care provider who will be able to determine if this information is appropriate for your specific situation.

This booklet was prepared in joint collaboration with the GI/Endoscopy Unit staff and physicians.

The Ottawa Hospital is a teaching hospital. Residents, fellows and medical students may be involved with your attending physician to discuss your care and treatment.

Please write your list of medications and allergies below (e.g.: Pantium 20 mg twice a day):

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on its right side, suggesting it's resting on a surface.**Responsible person taking me home:**

Name: _____

Telephone: _____

What you should do

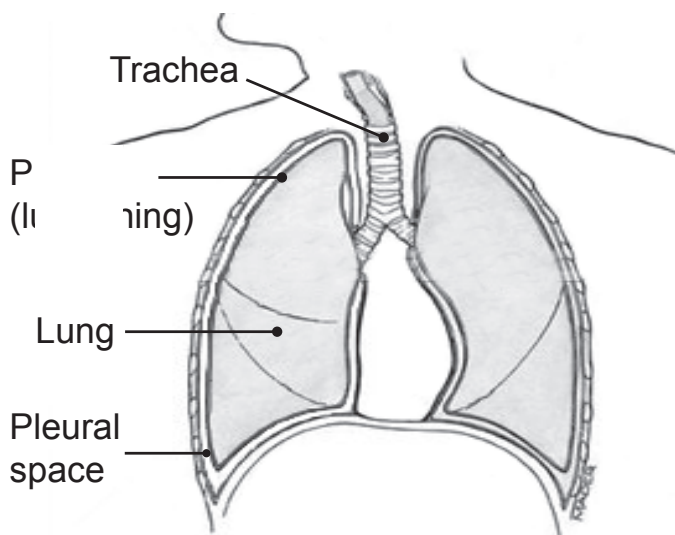
- **Bring this guide with you on day of appointment.**
- Tell your physician if:
 - You are allergic to any drugs or food
 - You take medications
 - You have heart or lung problems
 - You are diabetic
 - You are pregnant or breastfeeding
 - You have glaucoma
 - You are on blood thinners
- Do not eat or drink after midnight on the evening before the procedure. If your appointment is scheduled in the afternoon, you may have a liquid breakfast before 8 a.m.
- You are allowed to take bedtime medications. If taking early morning medications or diabetic, check with your physician.
- Bring a list of your medications with you.
- For safety purposes, **remove** jewellery and body piercings.
- Do not bring valuables (money, jewellery, body piercings, etc.). The Ottawa Hospital does not assume any responsibility for lost or stolen articles.
- Remove nail polish and do not wear perfume.
- Bring your glasses, hearing aid or other prosthetic device.
- Bring your Ottawa Hospital card if you have one and your Health card (OHIP, Quebec) and come directly to the Endoscopy Unit.
- A family member or friend **must** be available to take you home after your procedure. You must make arrangements before you come to the Hospital. Your procedure may be cancelled if you do not have a responsible person to

accompany you home or you may choose to undergo the procedure without receiving sedation.

- Please bring the telephone number of the person who will take you home when you come to the hospital. We will contact that person when you are ready to leave.
- If you live alone, it is recommended that someone stays with you overnight.
- Arrive 30 minutes before your scheduled appointment in the endoscopy suite at the General Campus.

Pleuroscopy

A pleuroscopy is a visual examination of the pleural cavity, the space between the lung and the chest wall. During a pleuroscopy, the physician inserts a semi-rigid scope called a pleuroscope into the pleural cavity through a small incision in the chest wall. The pleuroscope relays the images via a computer chip to a monitor for the physician to visualize. A sterile technique is maintained to prevent contamination of the cavity.



Why this test?

The pleuroscopy gives the physician information that x-rays and other tests do not. It helps the physician to determine the nature of your problem. It will also allow the physician to obtain a variety of samples: a small piece of tissue (a biopsy) and/or the collection of secretions.

How the Pleuroscope works

The pleuroscope is an instrument (or tube) that transmits light and images electronically from a computer chip on the tip of the instrument, back to the endoscopy screen. Diagnostic and therapeutic procedures can be performed by inserting other instruments through a hollow section of the instrument.



Before procedure

- You will be asked to undress and put on a hospital gown.
- The nurse will measure your blood pressure, pulse and level of oxygen in your blood.
- She will also ask you questions pertinent to your medical history and she will start an intravenous in your arm or hand.

What should you expect during the procedure

- You will be wheeled by stretcher to the pleuroscopy room where the physician will do your examination.
- The physician, with two nurses and a respiratory technician will be with you during your procedure. The nurse will measure your blood pressure, pulse and level on oxygen on a regular basis. You will receive oxygen during the procedure.
- You will be asked to lie on the side opposite to the affected site.
- You will receive medication in the intravenous to relax you and keep you comfortable.
- The physician will use an ultrasound machine to determine the best area to approach the pleural cavity.
- The physician and the assisting nurse will don a hat and a mask prior to putting on a sterile gown and gloves to perform your procedure in order to maintain the sterile technique required by the procedure.
- The skin of the pre-determine area will be prepared with a cleaning solution and you will be covered with sterile drapes for the procedure.
- The physician will numb the skin at the site of approach on your chest by injecting an anesthetic solution.
- A small incision will be made at the same area in order to allow the insertion of a small tube.
- The physician will then introduce the pleuroscope via the small tube to examine your pleural cavity.
- The physician may collect fluid from your pleural cavity and biopsies for analysis during his examination.

- At the end of the procedure, the physician will insert a small drainage tube in the same small incision made at the beginning of the procedure. This tube will be connected to a drainage system with low suction.
- You will be escorted back via stretcher to the endoscopy recovery area by the nurse and the respiratory technician.
- The procedure and preparation time takes approximately 90 minutes.

What happens after the procedure

- You will return to the endoscopy recovery area where the nurse will measure your blood pressure and pulse on a regular basis.
- You may receive oxygen via a canula or mask.
- A chest x-ray will be done and evaluated by your physician.
- You will be fasting for a minimum of 1 hour after the pleuroscopy.
- You will stay approximately 30 to 60 minutes in the endoscopy recovery area then you will be transported by stretcher to the CARE Program area on the 7th floor where you will complete your recovery prior to being discharge home.

On leaving the hospital

- You must not drive a motor vehicle, operate hazardous equipment, or make any legal decisions for 24 hours. It is against the law (Criminal Code) to drive a motorized vehicle under the influence of sedative drugs.
- You are advised not to consume alcohol for 24 hours following your procedure.

- You must be accompanied by a responsible adult, even if you are travelling by taxi. **It is unsafe for you to travel by bus.**
- Follow the instructions given by your nurse and physician.
- You will have a follow-up appointment with the CARE Program two weeks after your procedure where the physician will discuss with you the result of the procedure.

Directions

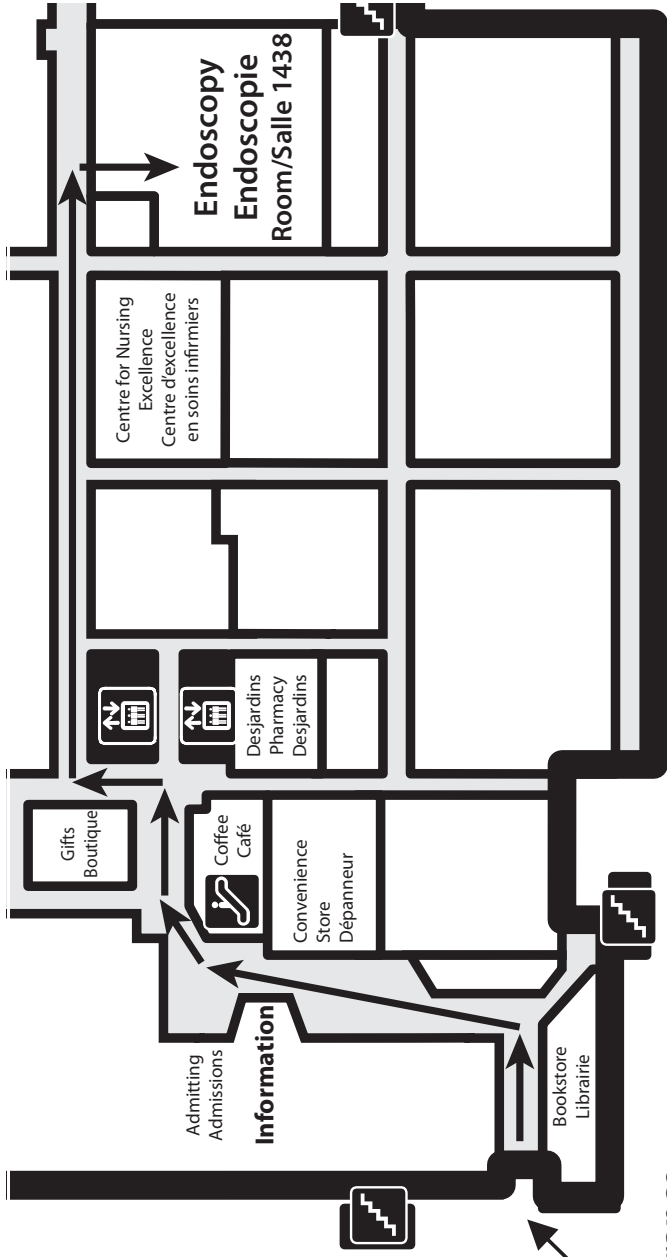
General Campus Endoscopy Suite

- Come in by main entrance
- Turn left
- Pass the Coffee Shop
- Turn left
- Turn right in the first hallway
- Follow hallway down to Endoscopy, Room M1438.

General Campus

501 Smyth Road

Ottawa ON K1H 8L6



Main Entrance
Entrée principale