

PEG Tube (Percutaneous Endoscopic Gastrostomy)

You must register at the kiosk on the main floor either in the Dickson Building or Centennial Building (main entrance), Victoria General site.

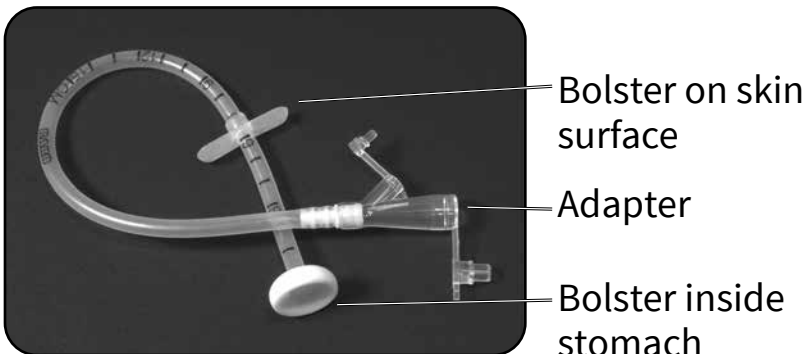
PEG Tube

What is a PEG tube?

A PEG tube is a type of feeding tube. It is inserted (put in) by a GI specialist (gastroenterologist) at the Endoscopy Unit. The GI specialist passes a flexible tube, with a light at the tip down your throat and into your stomach. The feeding tube leaves your stomach through a small cut made on the surface of your abdomen (stomach area). To learn more about this procedure, see the pamphlet called *Gastroscopy*.

There is an internal bolster at the end of the tube inside your stomach. It helps to hold the tube in place. There is also an external bolster (also called an external flange) around the tube on the outside on your skin. This prevents the tube from sliding in and out of the opening. The bolster should rest lightly on the skin, but should not cause pressure.

PEG Tube



You may need a feeding tube if:

- You are not able to eat enough food to keep your weight and strength up.
- You are or will be having treatments such as chemotherapy or radiation that can make chewing and swallowing hard.
- Food cannot pass through to your stomach because of a blockage.
- You have had surgery that makes it hard to eat.
- You cannot digest food in your stomach, so your food must be given directly into your small bowel.
- You have had problems absorbing food (for example, Crohn's disease).
- You have a high risk of choking when eating or drinking.

What happens before the tube is inserted?

- Your primary health care provider will plan for you to see a specialist who is trained to insert your feeding tube. If possible, bring a family member or friend with you to this appointment.
- Your specialist will talk with you about the procedure. Your specialist will take your medical history, do a physical exam, and review any drug allergies.

- Be sure to tell your specialist about all medicines that you are taking, especially:
 - › **Blood thinners (anticoagulants)** such as **ASA (Aspirin), warfarin, Fragmin® or heparin, Pradaxa®, rivaroxaban, or Eliquis®**. These types of medicines can increase your risk of bleeding.
 - › Any **non-steroidal anti-inflammatories** for pain, arthritis, gout, migraines, nerve pain or high uric acid in the blood (such as Motrin®, Advil®, ibuprofen).
 - › **Plavix®** (helps prevent a stroke or heart attack).
- Be sure to tell your specialist about any **stomach surgeries** you have had.
- This is a good time to ask questions.
- Ask your specialist if you should take your usual medicines on the morning of your procedure (such as diabetic pills or insulin).
- Ask your specialist what pain medicine you may take for any discomfort you will have after the feeding tube is inserted.
- Your specialist will talk with you about the risks of having this procedure and you will sign a consent form.
- You will meet with a nurse or dietitian (usually before the date the tube is inserted) so that you can learn how to care for your tube.

- You may be given some of the supplies you need to get started. You will also meet with a dietitian to talk about your feeding needs. The dietitian will talk about the best type of liquid nutrition (formula) for you and how much you need.

What happens on the day the tube is inserted?

- Your stomach must be empty for the procedure. **Do not eat or drink after midnight the day before the procedure.** You may be able to drink clear liquids after midnight. Ask your doctor or nurse if this is OK and when you should stop.
- Take the medicines that your doctor told you to take with sips of water only.
- **Do not** wear any jewelry or bring any valuables to the hospital.
- **Do not** use any perfumed or scented products such as hairspray or scented deodorant before your visit. Nova Scotia Health facilities are scent-free.

A responsible adult must come with you and stay in the hospital during your test. They must take you home after your procedure. You must not leave the Endoscopy Unit alone or drive after the procedure if you have had sedation.

Where do I go for my procedure?

You must register at the kiosk on the main floor either in the Dickson Building or Centennial Building (main entrance), Victoria General site.

Next, go to the Endoscopy Unit, 9th Floor, Victoria Building. Check in with the clerk at the desk.

How is the procedure done?

- A nurse will get you ready for the procedure. The nurse will review your medical history, the medicines you take, and check your blood pressure.
- You will be given a hospital gown to wear.
- An intravenous (IV) will be put in your arm and an antibiotic may be given.
- Once you are in the procedure room, you will be asked to remove your contact lenses, dentures, and glasses.
- You will be given medicine to help you relax while the tube is being inserted. You will be awake during the procedure.
- Your throat will be frozen with a spray or gargle to help the scope (flexible tube) pass down your throat and into your stomach.

- You will have local freezing on the area of your abdomen where a small cut will be made for the tube to exit.
- Your specialist will insert the feeding tube. The procedure usually takes about 30 minutes.

What happens after the tube is inserted?

- You will be taken by stretcher to the Endoscopy Unit recovery room. You will stay there for about 1 hour. This allows time for the sedation medicine to wear off. You will be given instructions for using the tube before going home.
- Your stomach area may be sore for several days. If you have any discomfort or pain around the tube, take the pain medicine suggested by your doctor.
- You may have a small amount of swelling around the exit site (where the tube comes out). This is normal and will usually go away after a couple of days.
- You may have a small amount of drainage or bleeding around the exit site for 1 or 2 days — this is normal. There will be less blood and the colour should change to a darker red or rusty brown.
- After 1 to 2 days, remove the dressing from the exit site and leave it open to the air. This can help the exit site heal.

- You may have gas pain or feel bloated if your stomach was inflated (filled with air) during the procedure. To relieve it, open the cap on the adapter for several minutes. Or, insert the end of a syringe into the end of the adapter. Then try to pull back on the syringe plunger to get rid of the air. Repeat this as often as needed (see picture on page 1).
- After the procedure, do not eat or drink for 1 hour, as your throat has been frozen. Follow the instructions that are given to you in the Endoscopy Unit.
- Follow your instructions for flushing the tube and cleaning the skin around the tube.

What do I need to know if I have had sedation?

- **A responsible adult must take you home and care for you.**
- They **must** come with you to the GI Unit on the 9th floor, Victoria Building, VG site. They **must** stay at the hospital the whole time you are having your test.
- **Do not walk or take the bus home.** You may take a taxi **only** if you go with a responsible adult who can help you if needed.

For the next 24 hours:

- **Do not** drive a car or run any heavy machinery.
- **Do not** drink alcohol.
- **Do not** care for others including children.
- **Do not** sign any legal or important papers or make any financial decisions.
- **Do not** take any medicine that may cause you to feel sleepy.

Activity

- Take it easy for a few days. **Do not** do any heavy lifting.
- Follow your doctor's advice for when to return to normal activities.

What are your questions?

Please ask. We are here to help you.

How do I care for my PEG tube?

- A PEG tube is usually not used to give formula or medicine for the first 24 hours (1 day) after it is inserted.
- When you need to start using the tube, a nurse will show you how.
- If you are still eating and drinking well, you probably will not need to use the tube right away. When your appetite drops, you lose weight, or you have trouble swallowing, call your dietitian or nurse. You will then be shown how to feed yourself through the tube. If you are not using the tube for feeding, it must be flushed at least two times a day.
- You can usually shower the day after your tube is put in.
- Try not to spray water directly on the exit site.
- You can go back to bathing in a tub once the exit site is healed. This usually takes about 1 week.
Do not cover the exit site with bath water.
- When swimming, cover the exit site with a clear plastic dressing or Saran™ wrap and tape.
- Always dry the area well after bathing, showering, or swimming.
- When traveling, bring enough formula and supplies to last the length of your trip or make sure you can get the supplies you will need when you arrive.

How long can the PEG tube stay in place?

- The PEG tube can be left in place for several months or longer. Ask your doctor how long you may need a feeding tube.
- If your PEG tube will be needed for a long time, you may want to consider having it changed to a PEG button after 6 weeks. Talk to your doctor about this.

A PEG button is a feeding tube that is level with the skin surface. When not in use, it cannot be seen under most clothing.

What are some possible problems that can happen with a feeding tube in place?

Although problems can happen when inserting a feeding tube or after it is in place, serious problems are rare. Some possible complications are:

- Infection around the PEG tube. Some signs of infection are: redness, a hard firm lump, tenderness, drainage (pus), increased skin temperature or fever
- Formula going into your lungs causing pneumonia
- Bleeding from the exit site of the tube
- Injury or tear in the lining of the esophagus (swallowing tube), stomach, or small or large bowel

- The tube falls out
- Infection that works its way through the layers of tissue around the muscles
- Death

Call your doctor or go to the nearest Emergency Department if any of the following happens:

- Swelling or tenderness around the PEG tube site that lasts longer than a few days after the tube was inserted
- Chills, fever, redness, warmth, drainage, or skin breakdown
- A hard lump around the exit site.
- The tube falls out
- The tube moves further away from the insertion site
- Bleeding at the tube exit site
- Formula leaks from the exit site onto your skin
- Nausea (feeling sick to your stomach), vomiting (throwing up) or increased stomach bloating
- The tube becomes clogged and you are not able to flush it

Where can I get the supplies I need?

- You can buy formula and other supplies at most drugstores. Call the store a few days ahead of time, as they may not have these items in stock.
- Some insurance companies may cover the cost of formula and supplies. A social worker may be able to help you with this.
- Your nurse will give you a list of what you will need and some supplies to get you started, until you are able to get your own supplies.
- If you are concerned about the cost of formula and supplies, talk with your social worker. They may be able to help you apply for support from programs to help with this.

How do I check my weight?

It is important to weigh yourself once a week to help check your nutrition. For the correct weight:

- Weigh yourself at about the same time of day.
- Use the same scale each time and write down your weight.
- If you have gained or lost a total of 5 pounds (2.3 kg) or more, call your dietitian.
- If your dietitian has set a weight goal for you and you are having trouble meeting it, please call your dietitian to change your feeds.

Do I still need to brush my teeth?

Even if you are not eating by mouth, it is still very important to take care of your teeth, mouth, and gums. This will help to prevent germs from building up in your mouth, which could cause infections and dental cavities.

Information about my PEG tube

Type of tube: _____

Size: _____

Date inserted: _____

Inserted by: _____

Length of tube at the bolster: _____ cm

This pamphlet is just a guide. If you have questions, please talk to your health care provider. We are here to help you.

Notes:

Looking for more health information?

Find this pamphlet and all our patient resources here: <https://library.nshealth.ca/PatientEducation>

Contact your local public library for books, videos, magazines, and other resources.

For more information, go to <http://library.novascotia.ca>

Connect with a registered nurse in Nova Scotia any time: call 811 or visit <https://811.novascotia.ca>

Learn about other programs and services in your community: call 211 or visit <http://ns.211.ca>

Nova Scotia Health Authority promotes a smoke-free, vape-free, and scent-free environment.

Please do not use perfumed products. Thank you!

www.nshealth.ca

Prepared by: Endoscopy Clinic staff, QEII

Designed by: NSHA Library Services

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The information is not intended to be and does not constitute health care or medical advice.

If you have any questions, please ask your health care provider.

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The information in this pamphlet is to be updated every 3 years or as needed.