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**DIGESTIVE HEALTH INSTITUTE** 

## Care of the Child with a Gastrostomy Tube

**Family Handbook** 



**Compiled and approved by**Children's Hospital Colorado Surgery and GI departments

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# Gastrostomy Tube Information Sheet



### **Gastrostomy Tube Information Sheet**

#### My child's G-tube is a (circle one)

MIC-Key \ BARD \ Mini One \ Nutriport \ MIC \ EG \ Foley \ Pessar \ Malecot \ AMT G-Jet \ MIC-Key GJ tube

#### **Size**

French (diameter):		Length:_	_ Foley
size needed for emergency replacement:			
My child's G-tube doctor is	from Pediatric Surgery / GI		
(circle one) Home care agency:	Phone Number:-		
Contact Person:			

#### Important phone numbers

- Pediatric Surgery: 720-777-6571 (schedule an appointment or reach a nurse)
- Gastroenterology: Anschutz Medical Campus 720-777-6669/Colorado Springs 719-305-9030 (schedule an appointment or reach a nurse)
- Nutrition: Anschutz Medical Campus 720-777-2691/Colorado Springs 719-305-9691 (schedule an appointment or reach a Dietitian)
- Parent Smart Line: 720-777-0123

#### **Emergency trips to the hospital**

If your child needs to go to the hospital or the emergency room, take your feeding adapters and emergency kit and this handbook which describes the type of G-tube placed and contact information of your doctor.

You should always bring your feeding supplies with you so that you don't get charged for extra supplies or size of supplies is not available. If the G-tube or PEG tube has accidentally been pulled out, bring it with you.

#### Emergency/Travel kit includes:

- Back up balloon G-tube (button), supplied by homecare company
- 2 Silicone Foley catheters or red rubber tubes, (same size as g-tube and one size smaller)
- 5-10 ml slip tip syringe to deflate balloon
- K-Y/water soluble jelly
- · Paper towels
- Container for tap water
- Tape measure (only if using Foley or Red Rubber Catheter)
- Tape or vertical tube attachment device (only if using Foley or Red Rubber Catheter)
- Emergency phone numbers

**Nutrition plan** 

#### **Follow-up instructions**

#### Follow up

- 2-3 weeks after the G-tube placement with your child's doctor/surgeon (by phone or in-person).
- 8 weeks after initial placement for the first G-tube change.

My child's formula is:				My
child's feeding schedu	ıle is:			
• Night feeds	ml every ml/hr for ml/hr for	hours Tota	ml	
Notes				

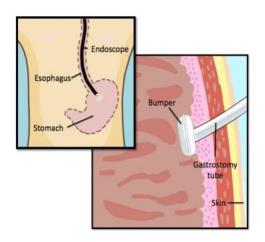
# **General Information**

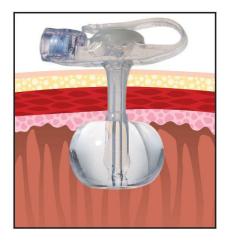


#### **General Information**

A great source of information for parents about gastric tubes and support is found at from the Feeding Tube Awareness Organization at: feedingtubeawareness.org/ParentGuide.pdf

- A gastrostomy is a small opening that is surgically made from the outside of the belly into the stomach. The opening is sometimes called a "stoma."
  - The gastrostomy is created in the operating room under general anesthesia.
  - A gastrostomy tube (G-tube) is a small tube inserted through this opening and into the stomach.
  - Most G-tubes placed in children are low profile (i.e. skin level)
  - Another option is a long G-tube.
  - A PEG tube (percutaneous endoscopic gastrostomy tube) is a G-tube placed endoscopically with sutures.





- Gastrojejunal tubes (G-J Tubes)
  - Provides access to both the stomach and jejunum (first part of the small intestine.)
- If your child has a G-J Tube, much of the care instructions are the same as a G-tube, but G-J tubes should **never be turned.**
- A J-tube goes into the jejunum only

#### Uses of the G-tube

- A G-tube can be used to deliver nutrition and medicine into the stomach.
- Some children require all their food to be given through the G-tube.
- The G-tube can also be used for additional calories/supplements when your child is unable to take enough nutrition through their mouth.
- The G-tube may also be used for getting rid of gas or fluid in the stomach, this is referred to as "venting." This is often used if a child has had a stomach wrap procedure such as a Nissen fundoplication (a "wrap" procedure that helps keep the food from coming back up) or not tolerating feedings.

#### Is a G-tube permanent?

- No. If a G-tube is no longer needed it can be removed. This can be done in clinic without anesthesia or may require a procedure with sedation or general anesthesia.
- Sometimes surgery is needed to close the opening (stoma). This depends on the length of time the tube has been in place, how old the child was when they got the tube, and the condition of the G-tube site.

Routine G-tube
Change and
Accidental
Dislodgement



### Routine G-tube Change and Accidental Dislodgement

You will be taught how to change your child's G-tube sometime after the initial placement, usually around 3 months after surgical placement; either in clinic or during time when PEG tube is converted to a skin level device. After that, the G-tube will need to be replaced **about every 3-6 months** at home or when the valve or balloon breaks. Use your back up G-tube to do this and call your home care company for an extra right away. **Do not change your child's G-tube until you have been trained how to do so!** 

#### What to do if the G-tube falls out

If the G-tube is accidentally pulled out or removed, it must be replaced immediately, otherwise the site may close and surgery may be necessary.

• If the site closes it will no longer be available for nutritional and medicine support.

#### Equipment needed:

- G-tube, correct size
- 5-10 ml slip tip syringe
- · Water soluble lubricant
- Foley catheter or red rubber tube, same size as G-tube and one size smaller
- Tape
- Water (for use in replacement of G-tube older than 8 weeks)

#### To keep the tract open for G-tube's in place for LESS THAN 8-12 weeks:

- 1. Wash your hands with soap and water, rinse.
- 2. If available apply K-Y jelly or water-soluble lubricant to the G-tube balloon device (**balloon deflated**), Foley or red rubber tube
- 3. Gently insert the G-tube, Foley, or red rubber tube into the G-tube site opening **DO NOT INFLATE THE BALLOON!** 
  - If using a Foley catheter or red rubber tube, insert about 1 to 2 inches
  - Tape the tube to the skin
- 4. If using a Foley or red rubber tube, clamp or fold the tube over and tape it closed to prevent leakage of stomach contents.
- 5. **DO NOT USE** the tube until correct placement is verified and use of the tube/catheter is approved by your doctor.
- 6. Call your child's doctor for further instructions during office hours. After hours you must bring your child to the emergency room.

### To replace a G-tube that has been in place for 8-12 WEEKS OR MORE: Only do this once you have been trained by a member of your child's G-tube care team

If you are a parent of a patient in Colorado Springs: In the event you're unable to place the G-tube at any point in time, please place the red rubber tube using the previous steps and call the Pediatric Surgery office for further instructions. If after hours- please go to Children's Colorado Springs Emergency Room.

- 1. Wash your hands with soap and water.
- 2. Check the balloon function by using a syringe to inflate the balloon with the correct amount of water for your specific tube (the amount of water should be listed on the balloon port or in the manual). Check to see if the balloon is leaking. Deflate the balloon before putting it into the G-tube site.
- 3. If available, insert the stylet into the center of the new G-tube.
- 4. If available, apply K-Y jelly or water-soluble lubricant to the G-tube or Foley catheter.
- 5. Gently insert the G-tube into the G-tube site opening. If using a Foley insert it into the G-tube site opening 1-2 inches.
- 6. Fill the syringe with the correct amount of water for you G-tube. Look at the balloon port on the G-tube or the instructions in the G-tube kit for the correct amount.
- 7. Attach syringe to balloon port of G-tube. Slowly instill the water into the balloon.
- 8. While holding the plunger of the syringe in, twist syringe and remove it. The balloon will stay inflated.
- 9. Remove the stylet and close the cap on the G-tube.
- 10. If using a Foley:
  - Gently pull back on the tube until you meet resistance. The Foley balloon should now be resting against the inside wall of stomach.
  - Tape the Foley to the skin so that it does not move in or out of the G-tube site opening.
  - Using a permanent marker, mark the Foley where it exits the skin.
  - Measure the length of tube from opening to end of tube and note it on front page of this booklet.
- 11. Make sure stomach contents drain from the tube.
  - Foley- attach a large syringe to main port and gently pull back. If you pull back stomach contents, the tube is in the right place. Gently flush the Foley with 5- 15 ml water.
  - G-tube attach the extension tube to the G-tube. With a large ENFit syringe pull back. If you pull back stomach contents, the tube is in the right place. Gently flush the G-tube with 5- 10 ml water.
  - If unable to see stomach contents when pulling back on the tube, try again. If you are still unable to see stomach contents, call your child's doctor or go to the emergency room.
- 12. If using a Foley, clamp or fold over the tubing to prevent leakage of stomach contents.
- \*Call your child's doctor or go to the emergency room if you are concerned, were unable to replace the tube, or if stomach contents not seen during step 11.

#### Remember:

- If you are unable to insert the G-tube, Foley, or red rubber tube yourself, call the doctor's office or go to the emergency room right away.
- A small amount of bleeding from the G-tube site is normal.
- Always carry the travel kit supplies for emergency reinsertion.

## G-tube Site Care and Fit



### Types of G-tubes and Care of the Site

#### G-tube skin level low profile device (button)

- A skin level device that is inserted into the stomach and held in place by a balloon inflated with water or an internal bolster.
- This type of skin level low profile device lays flat against the skin and allows the child more movement.
- In order to use a G-tube an extension tube must be attached.
- $\bullet$  The size of the G-tube is noted with two measurements (i.e. "14 Fr 1.2 cm")
  - The diameter of the tube is the "French" or "Fr" number. The diameter of the tube is not usually changed.
  - The length of the tube is the "cm" number. This length is individualized to fit your child and will change as your child grows.

### Gastrostomy and Jejunostomy tube (G-J tube) skin level low profile device

- A skin level device inserted into the stomach with one port ending in the stomach and the other ending in the jejunum (the part of the intestines just after the stomach).
- This device is used when children can't tolerate gastric feedings and requiring continuous feeds.
- This device lays close against the skin and allows the child more movement.
- A G-I tube should **never** be turned or rotated.
- In order to use this device, two extension tubes are required:
- 1. Gastric (G) extension tube:
  - used to attach to the gastric port. You can use this for gastric venting (burping), bolus feeds, and/or giving medicine. The use of this side depends on what your Doctor tells you.
- 2. Jejunal (J) extension tube:
  - This is used to attach to the jejunal port. You can use this side for continuous feeds and giving medicine. The use of this side depends on what your Doctor tells you.
  - NEVER give bolus feedings through this port.

Note: If your child has the AMT G-Jet, the extension tubes are different for the G and J ports. Make sure you have the correct extension tube for both sides.





#### Long G-tube or PEG tube

- A long tube that is inserted into the stomach and held in place by a balloon inflated with water or an internal bolster. A portion of this tube hangs outside the body.
- The feeding bag or syringe is connected directly to the main port of a long G-tube. An extension tube is NOT necessary.
- Secure the tube to the abdomen with tape and gauze or a Vertical Tube Attachment Device to prevent migration of the tube too far into the stomach. PEG tubes have a securing device such a crossbar which is located next to the skin to hold the tube in place and prevent tube from moving into the stomach.

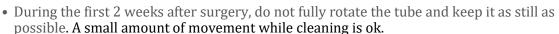




- If a tube moves into the stomach, gently try to pull it up if unable to move it, do not use force, secure and call your doctor.
- Some G-J Tubes are long tubes as well. You can tell the tube is a G-J Tube because the end of the tube has a gastric port, a jejunal port and a balloon port.

#### Care of the G-tube site

- · Wash your hands with soap and water.
- With gauze or a cotton swab, warm water and mild soap clean around the site daily or more frequently if it is wet or dirty.
- Make sure all crusted drainage is removed from the skin around the tube.
- After cleaning, rinse around the area with plain water and pat dry.



- After the first 2 weeks, slightly turn the tube once a day.
- During the first 8 weeks use one layer of split 2x2 gauze and tape to skin using the tic-tac-toe method.
- After the first 8 weeks you can leave the site open to air without a dressing.
- When not in use, remove the extension tube and close the G-tube safety cap.
- If the skin around the tube is red or irritated, you can apply diaper cream, a mixture of Aquaphor/Maalox, Calmoseptine cream, or other similar skin barrier product with dressing changes.



#### **G-tube Fit**

Your child's G-tube size (length) will need to be increased from time to time for weight gain. It is important to evaluate the fit of the G-tube each day when you clean around the site to make sure the tube is not getting too tight or too loose.

If the G-tube seems to be fitting too tight (pressing into the skin, no room between the G-tube and the skin, area is sore), your child may need a longer size. Please call the Surgery Clinic for an evaluation.

If the G-tube seems to be fitting too loose (extra room between the G-tube and the skin when gently lifting up, leaking, needing more gauze under the tube than usual), your child may need a shorter size. Please call the Surgery Clinic for an evaluation.

# Feeding, Venting, and Giving Medicines



### **Feeding, Venting, and Giving Medicines**

Feeding through a G-tube can be done in different ways. The method for feeding will be decided by your child's doctor and will depend on how your child tolerates feedings. One method is to give a bolus feeding using a syringe or bag by gravity another is by feeding pump.

#### **Bolus feedings**

- Given over a short period of time
- Spread out throughout the day like regular meals or oral feedings
- Given with an ENFit syringe, gravity bag, or using a feeding pump

#### **Continuous feedings:**

- Given using a feeding pump
- Used when bolus feedings are not well tolerated.
- Used for feedings through a jejunal (J-tube).

#### How to give a bolus feeding by syringe or gravity bag



#### Equipment needed:

- · Formula or breast milk
- Large ENFit syringe, gravity bag, or pump bag
- Extension tube (for skin level/low profile device)
- Water

#### Feeding using a syringe:

- 1. Measure amount of formula your child needs for the feeding into a container.
- 2. For a skin level device open G-tube safety plug and attach the primed extension tube.
- 3. Remove the plunger on the syringe and attach the open syringe to the clamped extension tube or long tubing connection port.
- 4. Pour feeding into syringe.
- 5. Open the clamp on the feeding tube and allow the formula to flow in.
- 6. Add more formula as it empties until the recommended volume is given.
- 7. The flow of the formula is based on the height of the syringe, the higher the faster. If a slow rate is needed lower the syringe.
- 8. After the feeding is done flush the tube with enough water to clear it.
- 9. Remove the extension tube and replace the safety plug.
- 10. Rinse extension tube with warm water and soap (do not use hot or boiling water).
- 11. Rinse thoroughly and allow to air dry.

#### Feeding using a gravity bag:

- 1. Measure amount of formula your child needs for the feeding into a container.
- 2. For a skin level device open G-tube safety plug and attach the primed extension tube.
- 3. The bag and tubing should be primed to eliminate air in the tubing prior to connecting to your child's G-tube.
- 4. Pour desired amount of formula into the bag and allow it to flow through the tubing and then clamp.
- 5. Attach primed tubing to the G-tube extension tube or long tube connection port.
- 6. Open the clamps on the bag and extension tube and allow the formula to flow in.
- 7. The flow of the formula is based on the height of the bag the higher it is hung, the faster it will flow. Also, you can slow the rate using the clamp on the bag tubing.
- 8. After the feeding is done flush the tube with enough water to clear it.
- 9. Remove the extension tube and replace the safety plug.
- 10. Rinse gravity bag well with water.
- 11. Rinse extension tube with warm water and soap (do not use hot or boiling water).
- 12. Rinse thoroughly and allow to air dry.

#### How to give a continuous feeding



#### Equipment needed:

- · Feeding Pump
- Feeding Pump bag
- Extension tube for skin level device
- · Formula or breast milk
- Water

#### Feeding using continuous pump

- 1. Measure amount of formula your child needs for the feeding into a container.
- 2. For a skin level device open G-tube safety plug and attach the feeding extension tube.
- 3. Attach tubing to the pump, with appropriate rate, volume and time set as directed by doctor.
- 4. Pour desired amount of formula into bag.
  - For formula prepared from powder, only add 4 hours of volume at a time.
  - For liquid ready to feed formula or formula prepared from liquid concentrate adding 4 hours of formula to the bag is ideal.
  - For Breast milk, only 4 hours may be added at a time.
- 5. The bag and tubing should be primed to eliminate air in the tubing prior to connecting to your child's G-tube.
  - This is done through the feeding pump "prime" option before it is connected to your child's G-tube.
- 6. When the feeding bag is empty, but tubing is not, add 4 more hours of formula as needed. Feeding bag and tubing should be changed every 24 hours unless directed otherwise.
- 7. The following techniques can help prevent your child from getting tangled up in the tubing during nighttime feeds:
  - a. Place the pump at the foot of the bed
  - b. Secure the tubing through the leg of the sleeper/pajamas

#### How to vent through a G-tube



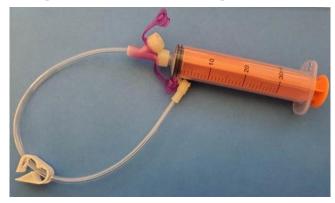
#### Equipment needed:

Sometimes a child needs to have the G-tube vented either between feedings or during feedings to let gas or secretions out of the stomach. This may have to be done frequently during the day for bloating, discomfort, or gagging/retching.

- Bard G-tubes use the special decompression extension tube for venting
- Mic-key/Mini One/Nutriport you can use the straight bolus extension tube.
- Large ENFit syringe
- Farrell Valve Bag (if not venting well with syringe)
- 1. Open the safety plug of the G-tube.
- 2. Attach the G-tube extension tube or decompression tube
- 3. Attach the open large syringe to the extension tube or directly to end of a long G-tube.
- 4. Open the clamp until gas or stomach bloating is relieved.
- 5. Gently press on stomach around the G-tube to help gas to escape from the stomach.
- 6. It is ok if you see stomach contents come up into the tube. Allow it to drain back into the stomach unless instructed to do otherwise by your child's doctor.
- 7. Disconnect the syringe and flush the tube with enough water to clear it.
- 8. Disconnect the extension tube if no longer needed.
- 9. Close the gastrostomy safety plug.
- 10. Sometimes a special venting bag (Farrell Valve Bag) is required to provide continuous venting with feeding. Your homecare nurse will need to teach you how to use this system.

#### How to give medicines through the G-tube

Do not mix medicines with formula because it might cause the formula to curdle and lead to blockages in the extension tubing.



#### Equipment needed:

- Medicine in liquid form
- ENFit compatible syringe

- Extension tube for skin level device
- Water

#### Giving medicine without feeding

- 1. Prepare medicine as directed and draw up into a syringe.
- 2. Prime the extension tube with water and attach it to the G-tube.
- 3. Make sure the extension tube is clamped and attach medicine syringe to medicine port of extension tube or long G-tube. If needed, use an ENFit adapter to connect a slip tip syringe to an ENFit port.
  - If using an ENFit adapter, first flush with a little water before attaching the medicine to get rid of the air in the adapter.
- 4. Unclamp the tube and push medicine one at a time through the tubing slowly. Be sure to clamp and unclamp the tube between each medicine.
- 5. After all medicines have been given flush the tube with enough water to clear the medicine in the extension tube or long G-tube.
- 6. Remove the extension tube and close the safety plug on the G-tube.
- 7. Rinse extension tube with warm water and soap (do not use hot or boiling water).
- 8. Rinse thoroughly and allow to air dry

#### Giving medicine during continuous feedings:

- 1. Stop the continuous feeding and clamp the extension tube.
- 2. Connect the medicine syringe to the medicine port
- 3. Unclamp the tube and push the medicine through the tubing slowly. Clamp the tube before removing the syringe.
- 4. After all medicines have been given, flush the tube with enough water to clear the medicine in the extension tube or long G-tube and clamp the tube.
- 5. Reconnect feeding, unclamp the tube, and restart pump.

#### Care of the extension tubes

- 1. Extension tubes should be washed after use with warm water (do not use hot or boiling water) and soap if necessary.
- 2. Rinse thoroughly and allow to air dry.
- 3. Once clean and dry, store the extension tube in a dry place until the next use.
- 4. If used for a continuous feeding, flush the extension at least once throughout the day with enough water to clear the tube.
- 5. The extension tube should be changed every 2 weeks or more often if unable to be cleaned.

#### How to clean an ENFit tube port

This should be done every day and as needed when the port is dirty.

To clean the tube port, you will need the following:

- · ENFit Cleaning Brush
- · ENFit syringe
- Wash your hands with soap and water for 15 seconds
- Rinse the ENFit cleaning brush with water



Using the ENFit cleaning brush, scrub around the tube port to remove fluid.



Repeat for both tube ports. If unable to get clean, soak in water for one minute.

- Water
- Gauze

4. Rinse the tube ports with water.



5. Dry the tube ports and cap using gauze.



# Common Problems



#### **Common Problems**

#### Drainage around the G-tube

Some drainage (may be yellow, green, or brown) around the G-tube site opening is normal especially soon after the G-tube is placed. Clean the skin around it frequently; being sure to remove all crusted drainage from the tube itself. This should help prevent excessive build-up and skin irritation. It is common to have more drainage with colds, constipation, and teething.

#### Leaking around the G-tube site

A small amount of leakage around the G-tube is normal and is sometimes unavoidable. To reduce leakage of stomach contents, assure that the tube is secured properly. Use 2x2 gauze between the G-tube and the skin to ensure a snug fit. Tape the device/gauze to your child's abdomen as in the previous photo (see pg. 12) to minimize movement. Call your child's doctor if the leakage does not improve.

#### Leaking from the center or internal portion of the G-tube

Persistent leakage from the center of the device indicates a faulty valve and requires G-tube replacement (not urgent). You may change the tube at home if you have been trained how to do so. In the meantime, keep the safety plug closed between uses or you may attach the feeding extension tube to the G-tube and clamp it shut until the tube can be replaced.

#### Skin redness/irritation - skin looks red, raw, and is sore

- Often caused by leakage around the G-tube and burning of the skin from stomach acid.
- Prevent leakage as described above.
- Apply crushed Maalox/Mylanta tablets (use as a paste), Maalox/Aquaphor mixture, Calmoseptine, or other skin barrier product to the skin around the G-tube site, and cover area with gauze. This will help protect the skin from stomach acid that may leak out around the G-tube.

#### Infection

Redness that is spreading, painful, hard, warm to the touch, and appears swollen (may or may not have drainage/pus and/or fever) – call your doctor or seek medical care.

#### **Granulation tissue around the gastrostomy**

A small amount of red, shiny, moist tissue may develop around the G-tube site. This is called a granuloma and it may bleed easily or ooze. Do not be alarmed. If the tissue is excessive, painful, or interferes with care, call your doctor's office. Medicine may be needed to treat the granuloma. Call your doctor for guidance.



### **Troubleshooting**



#### **Troubleshooting**

#### **Clogged G-tube**

Blockage can be caused by a build-up of food or medicine in the tube. Prime the extension tube with warm water and attach it to the G-tube. Flush the tube with 5-10 mL of warm water to clear the tube of any blockage. **Do not use significant force** to flush the tube. If the tube still seems blocked, you may change the tube at home **if you have been trained how to do so**. If not, please call your child's doctor.

#### **Vomiting**

If your child has a PEG or a Foley catheter and your child is vomiting, call your child's doctor. The tube may have moved too far into the stomach and may be blocking the stomach outlet. Otherwise, treat vomiting as you usually would and/or seek medical attention from your child's doctor.

#### **Venting**

A lot of gas and overfeeding can cause stomach bloating, gagging, and retching. Attach a large open syringe to a feeding extension tube to allow excess air to escape from the stomach. For persistent problems with gagging and retching, consider using a venting bag or call your child's doctor for additional recommendations.

#### **Flushing**

Flush the G-tube with 3-5 ml water after each feeding or medicine to prevent clogging of the G-tube, unless instructed otherwise by your child's doctor.

# Living with a G-tube



#### Living with the G-tube

#### **Bathing/showering**

Your child may take a shower or have a sponge bath 24 hours after surgery. Your child may take a regular bath 2 weeks after surgery.

#### **Activity/positioning**

Infants and children with G-tubes can participate in all normal activities such as crawling, walking, jumping, and swimming. Make sure the G-tube is carefully secured under clothing. A cloth or bandnet (a net-like material), cummerbund (or girdle,) or bandnet vest can help to secure the G-tube. A Tummy Tunnel, or similar product, can be used to secure the tubing.

A G-tube should not limit your child's ability to be on his/her stomach. If your child complains of it hurting, you can use a foam donut around the G-tube to keep pressure off the site.

#### **Clothing**

Your child can wear most anything, for young children one-piece outfits are recommended. Overalls, "onesies", or sleepers are ideal for active children and help protect the G-tube site.

Specialized clothing for children with G-tube can be found from internet sources.

#### **School**

Your child may return to school after surgery as soon as they feel able and are no longer taking narcotic pain medicine. Tell your child's teacher and school nurse about your child's Gtube and feeding needs. You will want to tell them what to do and who to call in an emergency. It may be helpful to request a 504 plan to address their medical and feeding needs at school.

#### **Swimming**

Your child may swim in a pool, lake, river or ocean with a G-tube in place 2 weeks after placement. Scuba diving is not allowed with a G-tube.

#### **Travel**

A G-tube should not limit your child's opportunity to travel. A travel kit of emergency supplies should always be carried with your child.

#### Travel kit includes:

- Back up balloon G-tube (button), supplied by homecare company
- 2 Silicone Foley catheters or red rubber tubes, (same size as g-tube and one size smaller)
- 5-10 ml slip tip syringe to deflate balloon
- K-Y/water soluble jelly
- Paper towels
- Container for tap water
- Tape measure (only if using Foley or red rubber tube)
- Tape or vertical tube attachment device (only if using Foley or red rubber tube)
- Emergency phone numbers

# Additional Information



#### **Additional Information**

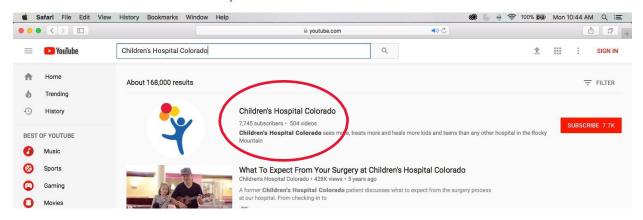
#### Watch the G-tube videos

#### Children's Hospital Colorado

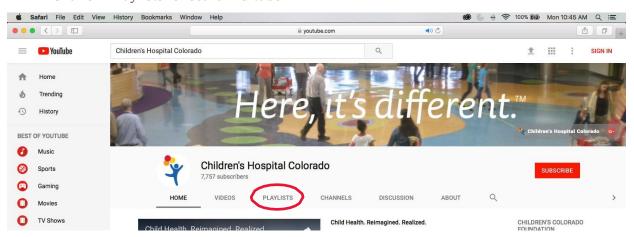
• childrenscolorado.org/gtube

#### Finding the YouTube videos

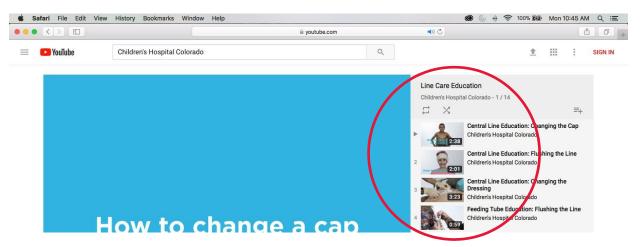
1. Go to <a href="www.youtube.com">www.youtube.com</a>, and type in "Children's Hospital Colorado" in the search bar. Click on "Children's Hospital Colorado."



2. Click on "Playlists" or search "G-tube"



3. Click on "Line Care Education" and find the G-Tube videos on the list to the right.



Also, you can request to be scheduled for the G-tube Class in the Family Learning Center. Ask your Children's Hospital Colorado care doctor or call 720-777-4132.