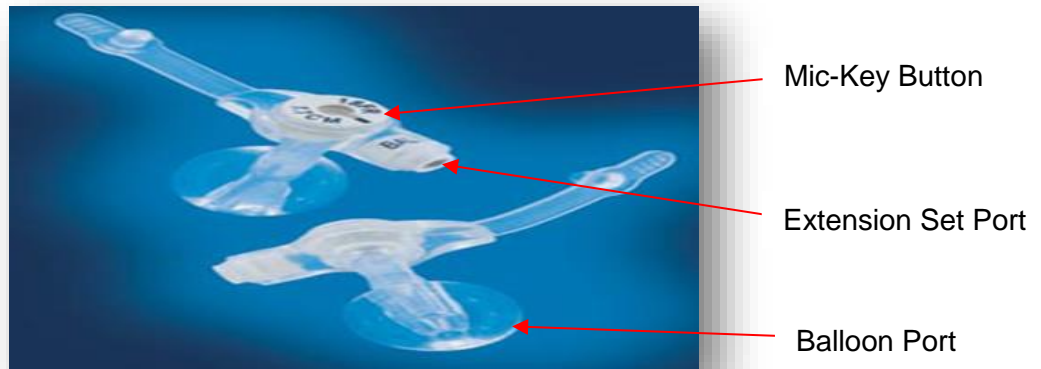


INFORMATION LEAFLET FOR PARENTS / CARERS OF A CHILD WITH A MIC-KEY BUTTON



AIM OF THIS ADVICE SHEET

To provide advice for parents / guardians caring for children / infants in hospital and at home, who require a Mic-key button.

WHAT IS A MIC-KEY BUTTON?

The Mic-key button is a device, made from silicone that allows fluid / feeds, and / or medications, to be given directly into the stomach. It is held in place by an internal water filled balloon.

WILL I LEARN TO CARE FOR THE MIC-KEY BUTTON?

Yes, your nurse will show you how to care for your child's / infants Mic-key button.

Prior to discharge you will be taught how to:

- Securely connect and disconnect a feeding set to the Mic-key button
- Administer continuous feeds via a feeding pump
- Administer bolus feeds via a syringe
- Care for stoma
- Flush Mic-key Button following a feed or administration of medications.

Your nurse will also arrange an education session for you and your child (age appropriate), with the Nutrition Support Nurse, before going home so you can learn how to care for the Mic-key button. If you do not receive training prior to discharge, you should make an appointment for 1-2 weeks following discharge, to learn how to check the water retention in the balloon, which is performed every 1-2 weeks.

HOW IS THE MIC-KEY BUTTON INSERTED?

If your child / infant is going for a planned change from a PEG tube to Mic-key button, it will be usually be performed in theatre as a Day Case (you may not require an overnight stay).

CARE OF MIC-KEY BUTTON

- Always wash hands with soap and warm water, and dry thoroughly before handling the Mic-key Button
- Remove dressing, if present
- Look at the stoma site and surrounding area daily for signs of infection, oozing, leakage of feed, bleeding, granulation tissue at the stoma site or pain
- Many stomas have a small amount of ooze and/or crusts (especially in the morning). This can be normal and is usually due to the silicone material in the Mic-key button

- Clean the stoma site, surrounding skin and Mic-key button daily with cool boiled water
- Pat the stoma site with a tissue, surrounding skin and Mic-key button dry
- Rotate button 360°C daily to prevent the button sticking to the skin
- If any signs of leakage or infection are present, apply a new Mepilex border lite dressing around the stoma site (Contact the Nutrition Nurse or surgical team for further advice)

CARE OF THE EXTENSION SET

- Wash the outside and inside of the extension set with hot water and washing up liquid after each use
- Rinse with clean warm water
- Allow to air dry
- Store in an airtight container
- Change extension set weekly or more often if feed is lodging in the set

WHEN CAN MY CHILD / INFANT RETURN TO NORMAL ACTIVITIES AFTER GETTING THE MIC-KEY BUTTON INSERTED?

Your child / infant can return to normal activities after discharge. Bathing is allowed after the Mic-Key button has been inserted. Use soaps for sensitive skin in the bath water. Swimming is allowed after the Mic-Key button has been inserted; however the stoma must not be infected/excoriated/sore. The stoma site and surrounding area must always be cleaned with cooled boiled water after swimming to prevent any irritation from chlorine or seawater.

HOW OFTEN IS THE MIC-KEY BUTTON CHANGED?

The tube is routinely changed every 3 month. Some children may require more frequent changes but you Nutrition Support Nurse will advise if more frequent changes are required.

WHO CHANGES THE MIC-KEY BUTTON?

Routine Mic-key button changes are usually performed every 3-4 months in OLCHC by the Nutrition Support Nurse (in an Out Patient Clinic) or at home by you if you have been educated to do so by the Nutrition Support Nurse or the Point of Care (Company) Nurse.

This education can be arranged by you phoning the Nutritional Support Nurse. If you are unable to travel to OLCHC for this education, it can be provided at home through the Point of Care (company) nurse.

IF I DO NOT WANT TO LEARN HOW TO CHANGE THE MIC-KEY BUTTON, WHO WILL DO IT?

Parents/guardians do not have to learn to change their child's/infants Mic-key button if they do not wish to. The Mic-key button can be changed by the Nutritional Support Nurse on an appointment basis or at your local hospital. If the Nutrition Support Nurse is not available, this may be carried out at your local Emergency Department

WHAT DO I DO IF THE MIC-KEY BUTTON FALLS OUT OR IS PULLED OUT ACCIDENTLY?

A new Mic-key button must be in inserted quickly to prevent closure of the stoma.

DO NOT ATTEMPT TO INSERT A NEW MIC-KEY BUTTON IF:

- you are unsure how long the Mic-key button has been out
- it looks like the stoma is closing
- if you have not received training on how to reinsert the Mic-key button

You must bring your child / infant to your local Emergency Department, to reinsert the new Mic-key button until you are educated to do so. It is essential that you bring the spare Mic-key button with you to the hospital to avoid delays, if the specific size is not available.

MIC-KEY BUTTON BALLOON

Once the Mic-key button balloon is inflated and in the correct position, it stabilises the Mic-key button against the stomach wall and also acts as a plug to prevent leakage of stomach contents. When the Mic-key balloon is deflated, it allows the Mic-key button to be removed.

HOW OFTEN DO I CHECK THE WATER IN THE MIC-KEY BUTTON BALLOON?

This is performed weekly

HOW DO I CHANGE THE WATER IN THE MIC-KEY BUTTON BALLOON?

This is performed using:

10ml syringe x 1	5ml syringe x 1
5mls cooled boiled water/sterile water	pH Paper

WHAT TO DO:

- Fill a 5mls syringe with 5mls of water
- Attach an empty 10ml syringe to the balloon port
- While holding the Mic-key button firmly in place, withdraw the water in the balloon into the empty 10ml syringe
- Check the colour of the water which should be clear. If the water is discoloured, change the Mic-key button, as this is a sign the balloon may be damaged
- Insert a new 5ml syringe filled with 5mls of water into the balloon
- Aspirate the Mic-key button and check the pH of the aspirate to confirm position of the Mic-key button (pH should be between 0-5)

WHAT TO DO IF BALLOON WILL NOT DEFLATE?

Contact Surgical Team or the Nutrition Support Nurse immediately (Do not use the tube or administer medications / feed).

WHAT TO DO IF MIC-KEY BUTTON CANNOT BE REMOVED FROM THE STOMA, ONCE THE BALLOON IS DEFLATED?

Contact Surgical Team (Do not use the tube or administer medications/feed).

I THINK THE MIC-KEY BUTTON IS INFECTED, WHAT DO I DO?

Observe for the signs and symptoms of infection such as:

Skin Surrounding Stoma Is	Stoma Has A	Other Observations
Persistently red (larger than a €1 coin), sore and swollen	Bad Odour	High temperature (greater than 38°C)
Swollen	Green / Yellow Discharge / Ooze	
	Bleeds – More than a small amount	

- Contact the Surgical team or Nutrition Support Nurse for advice if these signs are present
- A swab may be taken
- If an infection is present, a topical antibiotic may be prescribed
- **Note:** An ooze may also indicate over granulation tissue



HOW TO ORDER A MIC-KEY BUTTON AND EXTENSION SET SUPPLIES?

Parents / guardian will receive a prescription prior to discharge home for:

Product	Size / Quantity	Reference No	Supplier
Mic-key button (<i>Spare</i>)	(1 in a box)	0141-12 (?fr size) – (?cm size)	Allphar Services
Extension sets	Secur-Lok ENFit	0141-12	Allphar Services
EnfitDash3 syringes	5ml	13021050	4045 Kingswood Road, City West Business Campus Ph: 014688472 Rep: 0868045805 Cathy Ryan
	10ml	13021100	
	20ml	13021200	
	60ml	13021610	
<i>Subject to change based on product availability</i>			

The prescription can be given to your local chemist or Public Health Nurse.

If you urgently need a Mic-key button or related supplies, please contact:

Point of Care:

Phone: Care Coordination Manager (Valerie Quine):

Phone: 01 468 8978 Email: admin@pointofcare.ie

For more information on **MIC Key**, please contact Nutrition Support Nurse, Bleep 8743, in Our Lady's Children's Hospital, Crumlin, Dublin.

Nutrition Support Nurse: Bleep 8743 (when in hospital only)
 Outside hospital: Voicemail 01 428 2656.
 Surgical Team on Call: Out of hours service 01 409 6100

REMEMBER: Ask your nurse if you are unsure about anything about your child's care.

ADDITIONAL INSTRUCTIONS

Developed by: Anthea Bryce-Smith (Nutrition Support Nurse)
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