

# medicina button low profile gastrostomy feeding tubes

The Medicina button offers practical and cosmetic advantages for the patient and we offer a range of sizes for adults and children. Due to its low profile and small size, the button allows adults and children to continue with their activities of daily living with as little intrusion as possible.



medicina<sup>®</sup>  
**BUTTON**  
**LOW PROFILE**  
gastrostomy feeding kit



Unit 2, Rivington View Business Park, Station Road, Blackrod, Bolton BL6 5BN  
Telephone: +44(0)1204 695050 email: [info@medicina.co.uk](mailto:info@medicina.co.uk)  
[www.medicina.co.uk](http://www.medicina.co.uk)

*leaders in enteral delivery*



*leaders in enteral delivery*



## introduction to gastrostomy tube feeding

A gastrostomy tube or 'button' is a tube inserted through the abdominal wall directly into the stomach and so allows free passage of food and water. The procedure is necessary when the patient cannot eat or eat enough to meet nutritional requirements.

A button is normally required for patients who require long term nutritional support of more than 30 days. A gastrostomy tract is typically created using a PEG initial tube and then a button is placed into the established tract.

The Medicina button offers practical and cosmetic advantages for the patient and we offer a range of sizes for adults and children. Due to its low profile and small size, the button allows adults to continue with their activities of daily living with as little intrusion as possible. Likewise, it allows the growing infant the freedom to

crawl and play without the hindrance of a larger device. From experience we have found that patients find our devices easy to use and maintain after receiving instructions from a healthcare professional. All of our button kits contain a clear and concise instruction booklet which includes, fitting, maintaining, feeding and problem solving.

“allows patients to continue with their activities of daily living with as little intrusion as possible”



the new button is an example of our commitment to improving products for the benefit of our customers

## description

The Medicina button consists of the body, shaft with retention balloon and valve, external skin disc and feeding access port.

### button body

The small and low profile body has been designed to provide comfort for the patient. The underside is moulded to fit the tract and overall there are no edges to catch on clothing. The bottom of the skin disc should rest just above the skin surface. A good fit is considered 2-3mm above the skin.

### button shaft with retention balloon and valve

The shaft is made of a soft silicone which balances ease of insertion with the long term comfort of the patient. Shaft lengths are available in a full range of sizes up to 10cm. The retention balloon is moulded with strengthening ribs which have been shown to reduce balloon delamination. Therefore it will last twice as long as many other gastrostomy balloons. The balloon is apple shaped, and so covers the tip, providing a better seal on the inside of the stoma to reduce leakage from the tract. The body also has a built in anti-reflux valve to stop any leakage out of the stomach.

### the feeding access port

Food and water are delivered through the button and into the stomach via the feeding and medication access port. When not in use this is capped off. An anti-reflux valve is built into the top of the tube. This helps prevent stomach contents from leaking out of the tube. The bi-fold design of the valve makes it shut tighter, the higher the pressure in the stomach. When the extension set is locked into the access port the valve is opened. The extension set is used for feeding and venting the stomach. No other device should be used to open the valve as it may cause damage and reduce the lifespan of the button.



## medicina button low profile gastrostomy feeding accessories

### medicina extension set

The kit contains an extension set. This is used for continuous feeding with a pump or bolus feeding using the Medicina feeding syringe. To attach the extension set, align the extension set with the balloon valve. Insert the right angle connector into the feeding access port and rotate it one quarter turn clockwise. Lock the female end of the pump feeding set to the purple male connector on the Medicina extension set. Ensure any clamps on either set are open. Commence feeding using the pump or start the bolus feed. Wash the extension set after every use with warm soapy water and rinse thoroughly. Flushing and rinsing prevents the feed from drying and blocking the button or valve. Extension sets are disposable and should be replaced every week or two or if they become blocked or dirty.



### medicina syringes

A 5ml or 10ml pre-filled luer slip syringe is included with the kit. It is used to inflate the balloon initially and then to inflate and deflate the balloon when checking it's volume weekly and when the button is replaced.

The Medicina button kit also includes a 30ml female luer lock syringe. This is used when priming and flushing the extension sets and when checking for placement of the button. It can also be used for bolus feeding.

Some patients receive several feeds during the day to resemble a normal feeding pattern. Each bolus feed will take twenty to forty minutes.

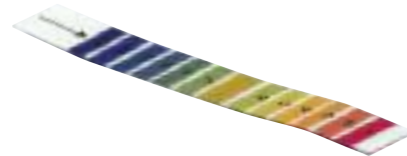


### keyhole dressing

Contained within the kit is a keyhole dressing correct for the size of the button. It is to be used if there is any leakage or site soreness.

### pH strip

The pH strip is for the testing of stomach aspirate to ensure the button is in the stomach.



all our button kits contain a clear and concise instruction booklet which includes fitting, maintaining, feeding and problem solving



## each kit contains

- button low profile gastrostomy feeding tube blister pack containing:
  - 1 x button device
  - 1 x gauze pad
  - 1 x aqueous gel pouch
  - 1 x pre-filled syringe for inflating the balloon
- 30ml enteral syringe
- pH strip
- extension set
- instructions for use booklet
- 2 warning labels

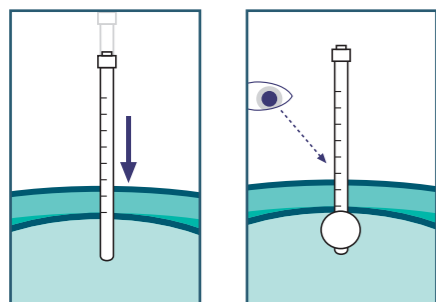


The medicina right angle extension set is wider bore than other sets giving better flow rates and less chance of blocking



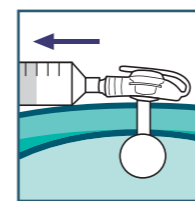
# placing or replacing the medicina button gastrostomy feeding tube

The medicina button low profile gastrostomy feeding tube is placed and replaced in the same way.



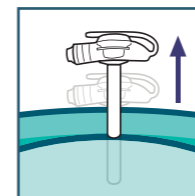
## measurement

Having removed the existing device insert the measuring device (BM01) into the stoma tract. Inflate the balloon with 3mls (max) air and pull the measuring device outwards to read off the depth of the tract on the scale. It is useful to take an average of the shaft length both sitting up and in the prone position.

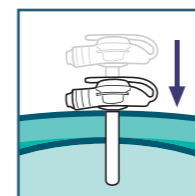


## place/replace

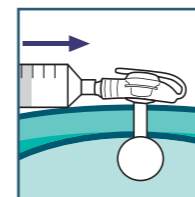
Remove the new Medicina button from the package. Fill the balloon with 5mls sterile or distilled water and observe for leaks. Check the balloon is symmetrical. Remove the water.



If applicable-attach the luer slip syringe to the balloon valve of the Medicina button that is in the patient's stomach. Pull back on the plunger until all of the water is out of the balloon.



Gently remove the Medicina button from the patient's stomach. It may help to use a little water soluble lubricant as you are removing it.



Lubricate the tip of the new/replacement Medicina button with a water soluble agent.

**DO NOT USE OIL OR PETROLEUM JELLY.**

Gently guide the new button into the stoma. Insert the tube until the Medicina button is flat against the skin.

Hold the button in place and fill the balloon with the 5ml or 10ml pre-filled syringe provided. Do not use air.

**NEVER FILL THE 5ML BALLOON WITH MORE THAN 10MLS OR 15MLS FOR THE 10ML BALLOONS.**

Position the balloon against the stomach wall by pulling the Medicina button up and away very gently until it stops.

Wipe away fluid or lubricant from the button and stoma.

Check the button for correct placement. Insert an extension set into the feeding port and...

- (a) Listen for air
- (b) Aspirate residual stomach contents



# feeding and medications

Before feeding, check the button to be sure that it is not clogged or displaced outside the stomach.

## continuous feeding

The specialist will recommend the type of feed best for your patient. To prepare, follow manufacturer's instructions:

1. Wash hands with soap and water and dry thoroughly.
2. If not pre-filled, fill the feeding administration bag with feed and hang.
3. Connect to the Medicina extension set feeding port.
4. Purge air from the tubing by allowing feed to run through it. When feed has reached the extension set connector, clamp the tubing.
5. Remove the feeding port cap. Insert the extension set into the feeding port by aligning the extension set with the balloon valve. Lock the extension set into place by turning the connector CLOCKWISE A QUARTER TURN.
6. Connect the feeding administration bag tubing to the pump. Set the pump rate according to the manufacturer's instructions. Unclamp the tubing and begin feeding.
7. When finished disconnect the feeding administration bag tubing from the extension set. Flush the extension set with 10–20mls of warm water or until the tubing is clear.
8. Disconnect the extension set from the Medicina button by rotating it until the extension set lines up with the balloon valve. Gently detach the extension set and cap the Medicina button.
9. Wash the extension set in warm soapy water immediately after each use. Rinse thoroughly and air dry.



## bolus feeding

1. Attach a water filled Medicina enteral syringe to the Medicina bolus extension set. Prime by filling with water.
2. Attach the bolus extension set to the feeding port by aligning the extension set with the balloon valve. Insert the bolus extension set locking adapter into the feeding port and rotate it CLOCKWISE A QUARTER TURN.
3. Clamp the extension set.
4. Disconnect the syringe and remove the syringe plunger. Reattach the syringe.
5. Slowly pour the feed into the syringe and unclamp the tubing. Keep the syringe filled to prevent air from entering the stomach. Adjust the flow rate by raising or lowering the syringe. The feeding should finish in 20 to 40 minutes.
6. When the syringe is nearly empty, add the prescribed amount of water to the syringe.
7. When finished, clamp the tube and fill the syringe with 10–20mls of warm water. Reinsert the syringe plunger and unclamp the tube. Flush the bolus extension set until the tubing is clear.
8. Disconnect the bolus extension set and wash in warm soapy water until the tubing is clear.



## medications

Give medications in liquid form. Thick medication can plug the feeding port and is easier to give when diluted with water.

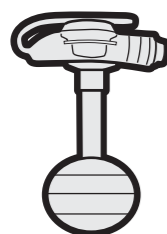
When a medication is only available in tablets or capsules, check with the pharmacist to make sure it can be crushed and mixed with water. Do not mix medication with feed unless directed by a specialist. Medications must be given via a Medicina enteral syringe connected to a Medicina extension set. Flush with at least 10mls of water after giving the medication

“from experience we know that patients find our devices easy to use and maintain after receiving instructions from a healthcare professional”



# product range

## medicina button low profile gastrostomy feeding tube



### 12FR

- B12/10 12FR x 10mm
- B12/12 12FR x 12mm
- B12/15 12FR x 15mm
- B12/17 12FR x 17mm
- B12/20 12FR x 20mm
- B12/23 12FR x 23mm
- B12/25 12FR x 25mm
- B12/27 12FR x 27mm
- B12/30 12FR x 30mm
- B12/35 12FR x 35mm
- B12/40 12FR x 40mm
- B12/45 12FR x 45mm
- B12/50 12FR x 50mm
- B12/55 12FR x 55mm
- B12/60 12FR x 60mm
- B12/65 12FR x 65mm
- B12/70 12FR x 70mm
- B12/75 12FR x 75mm
- B12/80 12FR x 80mm
- B12/85 12FR x 85mm
- B12/90 12FR x 90mm
- B12/95 12FR x 95mm
- B12/100 12FR x 100mm

### 14FR

- B14/10 14FR x 10mm
- B14/12 14FR x 12mm
- B14/15 14FR x 15mm
- B14/17 14FR x 17mm
- B14/20 14FR x 20mm
- B14/23 14FR x 23mm
- B14/25 14FR x 25mm
- B14/27 14FR x 27mm

- B14/27 14FR x 27mm
- B14/30 14FR x 30mm
- B14/35 14FR x 35mm
- B14/40 14FR x 40mm
- B14/45 14FR x 45mm
- B14/50 14FR x 50mm
- B14/55 14FR x 55mm
- B14/60 14FR x 60mm
- B14/65 14FR x 65mm
- B14/70 14FR x 70mm
- B14/75 14FR x 75mm
- B14/80 14FR x 80mm
- B14/85 14FR x 85mm
- B14/90 14FR x 90mm
- B14/95 14FR x 95mm
- B14/100 14FR x 100mm

### 16FR

- B16/10 16FR x 10mm
- B16/12 16FR x 12mm
- B16/15 16FR x 15mm
- B16/17 16FR x 17mm
- B16/20 16FR x 20mm
- B16/23 16FR x 23mm
- B16/25 16FR x 25mm
- B16/27 16FR x 27mm
- B16/30 16FR x 30mm
- B16/35 16FR x 35mm
- B16/40 16FR x 40mm
- B16/45 16FR x 45mm
- B16/50 16FR x 50mm
- B16/55 16FR x 55mm
- B16/60 16FR x 60mm
- B16/65 16FR x 65mm
- B16/70 16FR x 70mm
- B16/75 16FR x 75mm
- B16/80 16FR x 80mm
- B16/85 16FR x 85mm
- B16/90 16FR x 90mm
- B16/95 16FR x 95mm
- B16/100 16FR x 100mm

### 18FR

- B18/10 18FR x 10mm
- B18/12 18FR x 12mm
- B18/15 18FR x 15mm
- B18/17 18FR x 17mm
- B18/20 18FR x 20mm
- B18/23 18FR x 23mm
- B18/25 18FR x 25mm
- B18/27 18FR x 27mm
- B18/30 18FR x 30mm
- B18/35 18FR x 35mm
- B18/40 18FR x 40mm
- B18/45 18FR x 45mm
- B18/50 18FR x 50mm
- B18/55 18FR x 55mm
- B18/60 18FR x 60mm
- B18/65 18FR x 65mm
- B18/70 18FR x 70mm
- B18/75 18FR x 75mm
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- B18/90 18FR x 90mm
- B18/95 18FR x 95mm
- B18/100 18FR x 100mm

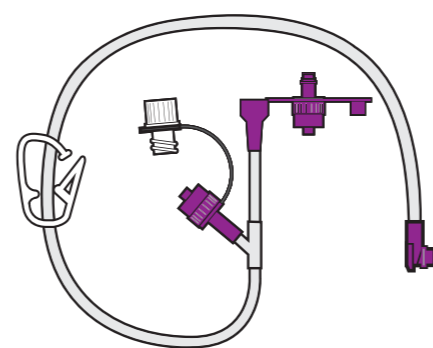
### 20FR

- B20/10 20FR x 10mm
- B20/12 20FR x 12mm
- B20/15 20FR x 15mm
- B20/17 20FR x 17mm
- B20/20 20FR x 20mm
- B20/23 20FR x 23mm
- B20/25 20FR x 25mm
- B20/27 20FR x 27mm
- B20/30 20FR x 30mm
- B20/35 20FR x 35mm
- B20/40 20FR x 40mm
- B20/45 20FR x 45mm
- B20/50 20FR x 50mm
- B20/55 20FR x 55mm
- B20/60 20FR x 60mm
- B20/65 20FR x 65mm
- B20/70 20FR x 70mm
- B20/75 20FR x 75mm
- B20/80 20FR x 80mm
- B20/85 20FR x 85mm
- B20/90 20FR x 90mm
- B20/95 20FR x 95mm
- B20/100 20FR x 100mm

**PLEASE NOTE:** we can custom make buttons in any length in any of the 5 standard widths. Please telephone 01204 695050 for more details.

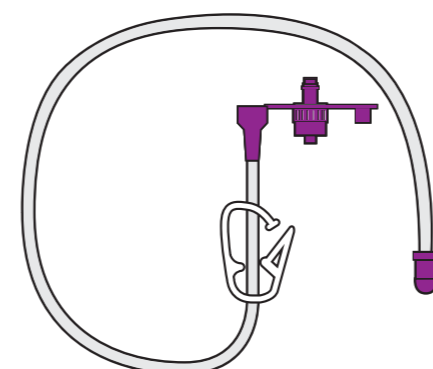


## extension sets

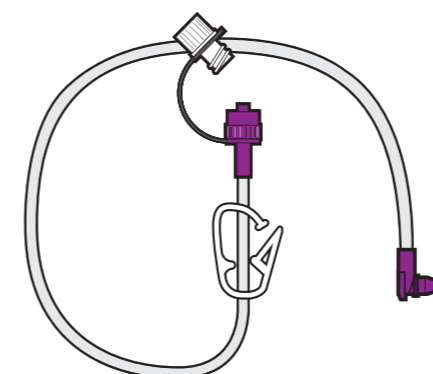


RS01 12inch Gastrostomy Y Site Extension Set

RS05 24inch Gastrostomy Y Site Extension Set



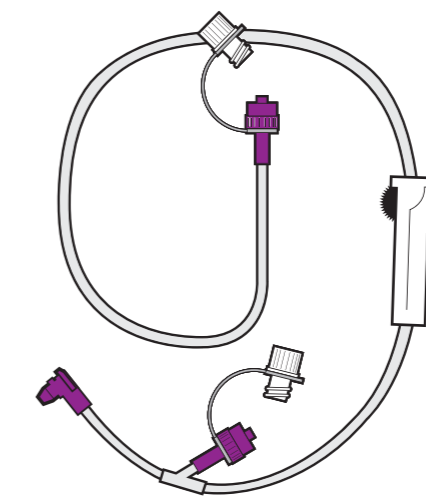
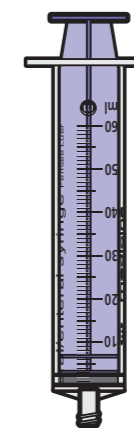
RS02 12inch Gastrostomy Bolus/Decompression Set



RS03 12inch Gastrostomy Extension Set with male adaptor

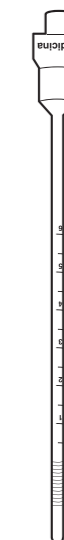
RS06 24inch Gastrostomy Extension Set with male adaptor

PE30 30ml Purple Female Luer Enteral Syringe



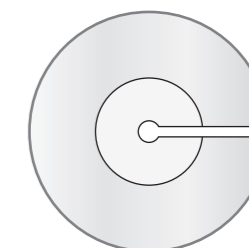
RS04 24inch Bolus or Gravity Set

## measuring device



BM01 Measuring Device

## keyhole dressings



KD01 10-14FR Keyhole Dressing

KD02 16-20FR Keyhole Dressing

KD03 20-24FR Keyhole Dressing

