CHALLENGES OF USING NON-BALLOON RETAINED PEG TUBES FOR LONG-TERM ENTERAL FEEDING



Percutaneous endoscopic gastrostomy (PEG) tubes serve as the favorable route of feeding and nutritional support in patients with a functional gastrointestinal system who require long-term enteral nutrition (usually >4 weeks).1

Types of PEG tubes based on internal retention mechanisms and tube removal technique-

PEG tubes with internal mushroom tip bumper²

 Removable by gentle external traction²

PEG tubes with rigid internal fixation devices (bumper)³ Removable by endoscopy

or through 'cut and push' technique³

Balloon retained tubes^{3,4}

• Balloon which is inflated with sterile water after insertion (smaller tube sizes require less water for adequate balloon inflation) 3, 4

DID YOU KNOW?

In the 'cut and push' technique, the feeding tube is cut close to the stoma and the remnant is pushed into the gastric lumen and passed out in stool.3

Complications of using non-balloon retained PEG tubes with respect to technique of tube removal

Mushroom-retained PEG tubes

 Excessive force applied while external traction for tube removal may disrupt even a well established gastrocutaneous canal⁵

Rigid internal bumper PEG tubes

- Endoscopic removal may not be cost-effective⁵
- Limitations of 'cut and push' method—
 - Risk of small bowel obstruction⁶
 - Can only be performed in patients with no risk of distal adhesions or strictures⁷

Balloon gastrostomy tubes usually come out with gentle traction after the balloon is deflated. 3

Other advantages include-

- More easily changed without the need of hospital intervention (a trained HCP, caregiver or patient can be taught to change the tube)8
- Can be used when repeated endoscopic procedures are not an option or present a risk⁸

Replacement of PEG tubes

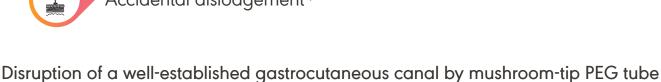
Initial PEG tubes will require replacement in case of-



Occlusion/clogging, unresponsive to traditional declogging measures^{2,9}



Tube breakage or malfunctioning^{2,9}



Accidental dislodgement^{2,9}

removal may lead to resultant intraperitoneal placement of the new tube.5 Use of gastrostomy tubes with a balloon tip as replacement tube is usually preferred to minimize the risk of disruption of the old track²

Use of a balloon gastrostomy tube as a primary tube of choice offers a new approach to enteral tube feeding in the community.3



Helping your patients face the use of gastrostomy tubes, possibly for a lifetime, can be a challenge. AVANOS* variety of quality feeding tubes

OUR SOLUTION

and accessories helps you make the right choice for your patient.4 These tubes are available in both ENFit®and non-ENFit® variants. 4,10 MIC*G tube Indicated for patients requiring continuous enteral feeding⁴



Inflatable silicone internal retention balloon⁴

SECUR-LOK* external retention ring4

MIC*Bolus G tube

Used for patients who are on bolus feeding regimen⁴ Inflatable silicone internal retention balloon⁴ SECUR-LOK* External Retention Ring⁴

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