OVERCOMING CHALLENGES OF NASOENTERIC FEEDING WITH CORTRAK* 2 EAS AND CORGRIP*

Enteral nutrition (EN) is the preferred means of nutrition delivery in the hospital setting owing to its gastrointestinal (GI) and immune benefits.^{1,2}

- EN is usually provided through a tube, catheter, or stoma into the digestive tract²
- It enables short and long-term nutrient delivery to patients who cannot maintain their oral intake requirement²

Did you know? In a hospital setting, malnutrition can occur in up to 88% patients and is often associated with adverse outcomes such as weakened immune system, poor wound healing, muscular atrophy, longer hospital stays, higher treatment costs, and

increased mortality.^{3,4}

Identifying the patients with malnutrition or who are at malnutrition risk is essential to provide optimal solution. Therefore, nutrition screening is strongly recommended in line with published best-practice guidelines to effectively target and reduce the incidence of hospital malnutrition. A nutritional assessment can help document baseline nutrition parameters, identify risk factors, establish nutrition needs, and identify factors that may influence the provision of nutrition support therapy.^{2,3,4}

Different guidelines support nutritional assessment of the patients:

- American Society for Parenteral and Enteral Nutrition (ASPEN) mandates that nutrition screening be performed within 24 hours of hospital admission, with a full nutrition assessment completed if the screen identified an at-risk patient³
- European Society for Clinical Nutrition and Metabolism (ESPEN) guideline recommends a general clinical assessment should be performed to assess malnutrition in the ICU, until a specific tool has been validated⁵
- British Association for Parenteral and Enteral Nutrition (BAPEN) guideline recommends that the that the nutritional status of patients is assessed, and adequate nourishment provided in the safest and most effective way⁶

Selection of an appropriate enteral access device is based on the patient's GI anatomy and function, accessibility, disease state, and expected duration of therapy.⁷

Nasoenteric Feeding Tubes and Enterostomy Feeding Tubes:^{8,9}

Nasoenteric tubes

- Mainly used for short-term enteral feeding (4-6 weeks) and in situations where other methods of enteral feeding are contraindicated⁸
- Any feeding tube put through the nose is referred to as a nasoenteric tube⁹
- Nasoenteric feeding tubes are often referred based on the tube tip location, such • as nasogastric, nasoduodenal, or nasojejunal. Nasoduodenal and nasojejunal tubes can also be referred to as nasointestinal⁹

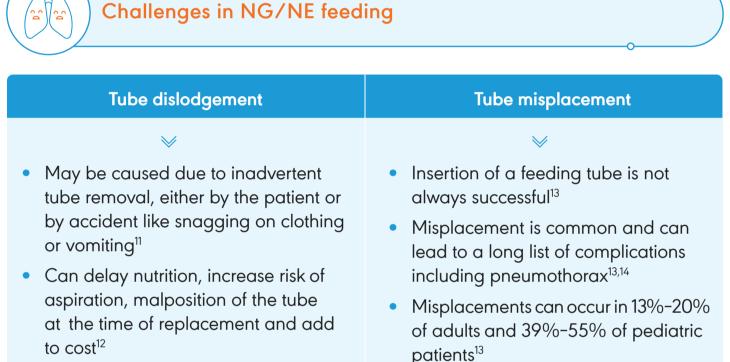
Enterostomy tubes

- Placed for long-term enteral feeding (>4 weeks)⁹
- Includes gastrostomy, jejunostomy and gastrojejunostomy⁹



- EN can be achieved through gastric or post-pyloric feeding¹⁰
- The recommendations for gastric access are generally suitable for patients with a functional stomach that is free of blockage, fistula, or delayed gastric emptying. Post-pyloric feeding should be given to patients with known reflux, gastric feeding intolerance, severe gastroparesis, and blocked gastric outlets^{9,10}
- Post-pyloric feeding may result in
 - o Fewer interruptions in EN¹⁰
 - o Increased nutrition delivery to patient¹⁰
 - o Lower incidence of high gastric residual volumes¹⁰

In short-term enteral access, techniques such as blind placement, direct visualization and real time indirect visualization are used for the placement of small-bore feeding tubes.⁷



- patients¹³
- Many regions consider nasoenteric tube misplacement as a 'never event' and a serious avoidable event¹³

There is a need for a safe, accurate, and reliable method for tube insertion and confirmation.¹³

Benefits of using NG/NJ feeding tube retention system



Reduced use of healthcare resources¹⁵

- Reduced exposure to x-rays¹⁵
- Reduced number of healthcare personnel involved in patients who tolerate insertion¹⁵

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Prevents removal of the tube due to itchy sensation of the tape¹⁵

Benefits of using electromagnetic (EM)guided placement technique



Helps avoid lung placement⁷



Increased efficiency of post pyloric placement⁷



Enables expedited bedside placement by trained nurses or dietitians⁷



Decreased radiation exposure⁷



Cost savings associated with reduced X-ray usage^{7,16}

Reduced time to placement and feed⁷

Accuracy comparable to x-ray⁷

Our Solution

CORGRIP* NG/NI tube retention system

Keeping feeding tubes in place.¹⁷

Designed to prevent inadvertent removal or displacement of feeding tubes in adult patients, CORGRIP* NG/NI tube retention system is indicated for use with enteral feeding tubes of 8 Fr and greater and NG decompression, suction and drainage tubes up to 18 Fr^{17}



CORTRAK*2 EAS

Feed patients faster, so that they recover faster.¹⁸

- The CORTRAK* 2 Enteral Access System (EAS) is a guided feeding tube placement system that uses an electromagnetic sensing device to show the relative path of Avanos CORTRAK* 2 feeding tubes during a placement procedure¹⁸
- On-screen visualization at bedside supports qualified clinicians in placing feeding tubes, confirming placement per institution protocol and reducing secondary insertion attempts¹⁸





Efficient placement¹⁸

- Visualize feeding tube placement at bedside
- Place tubes and confirm placement per institution portocol
- Minimize and identify misplaced tubes in conjunction with institution protocols
- Identity potential complications, such as lung placement

Timely feeding¹⁸

- Can significantly reduce the time-to-feed
- More efficient than blind placements by reducing secondary insertion attempts



Reduced burden¹⁸

- Address feeding needs more quickly
- Can improve patient outcomes
- Save time and resources

CORTRAK* 2 EAS helps qualified clinicians manage the placement of feeding tubes to support patient nutrition delivery.¹⁸

Contraindications For Use: DO NOT use the CORTRAK* 2 Enteral Access System for patients with implanted medical devices that may be affected by electromagnetic fields.¹⁰ Warning: The CORTRAK* 2 is not intended to replace qualified clinicians in the supervision of feeding tube placements.¹⁸ Only clinicians trained according to Avanos training should use the CORTRAK* 2.

Institution protocols must always supersede the use of the CORTRAK*2. Clinical judgment must always take precedence.¹⁹

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