

Feeding Tube Placement Resources for Dietitians

For NG or NE Tube Placement in Adult Patients

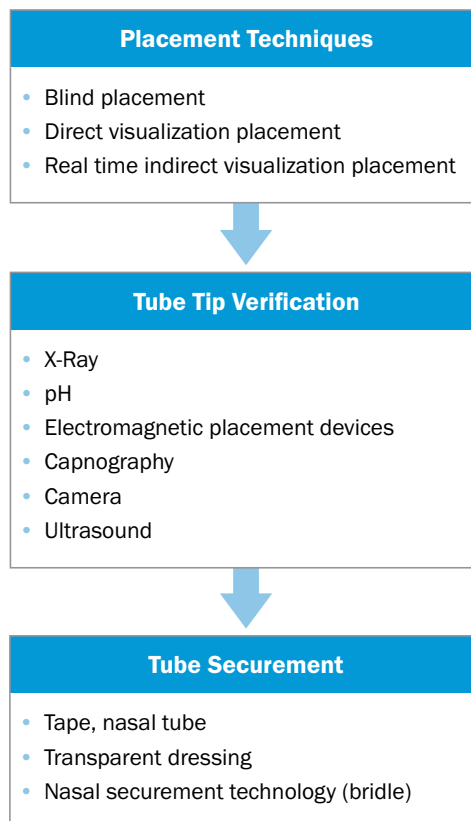


- Registered dietitian nutritionists (RDNs) are frequently being called upon to place feeding tubes in adult patients.
- ASPEN has compiled this list of feeding tube placement resources to help RDNs elevate to the expert level. All resources include a link for easy access.
- According to the 2021 Academy of Nutrition and Dietetics and American Society for Parenteral and Enteral Nutrition: Revised Standards, Standard 3, Nutrition Intervention/ Plan of Care, *The dietitian at the expert level inserts nasogastric or nasoenteric feeding tubes.* [NCP 2021;36\(6\):1126-1143](#), Supporting Information.

ASPEN Tube Feeding Placement Resources

- Development of a Competency Model for Placement and Verification of Nasogastric and Nasoenteric Feeding Tubes for Adult Hospitalized Patients, [NCP 2021;36\(3\):517-533](#).
- Development of a Competency Model for Placement and Verification of Nasogastric/Nasoenteric Feeding Tubes for Adult Hospitalized Patients Fact Sheet, [Nutritioncare.org/NG-NE-FeedingTube-Factsheet](#).
- Nasoenteric Feeding Tube Placement in the Adult Patient: Safety and Competency Webinar, [Nutritioncare.org/NE-TubePlacement-Webinar](#).
- ASPEN Bedside Feeding Tube Placement Competency Tool Checklist, [Nutritioncare.org/FeedingTube-Checklist](#).
 - » Verify order for tube placement
 - » Review patient health history for any contraindications to tube placement
 - » Obtain verbal informed consent if applicable
 - » Gather appropriate supplies
 - » Perform hand hygiene
 - » Introduce self to patient, explain procedure, and offer comfort measures as indicated
 - » Confirm patient identity according to policy
 - » Place patient in the appropriate position
 - » Place tube according to policy and technique for facility
 - » Secure tube with tape, transparent dressing, or a commercial fixation device
 - » Educate patient and family as appropriate
 - » Document tube placement according to policy
 - » Verify proper tube placement prior to use, per policy

Safe Practices for Tube Placement, Verification, and Securement



Tube Feeding Placement Resources from Other Organizations or Companies

- Enteral Nutrition Video Inventory: The ASPEN Enteral Nutrition Committee has compiled these helpful external resources for both clinicians and consumers. ASPEN does not endorse any brand of product nor are these listings a substitute for medical or other professional advice and should not be taken as such. [Nutritioncare.org/ENvideos](https://nutritioncare.org/ENvideos).
- Dietitians in Nutrition Support Small Bowel Feeding Tube Insertion Toolkit. dnsdpg.org/store.cfm.

Select Publications on Feeding Tube Placement for the Dietitian

- Brown BD, Hoffman SR, Johnson SJ, et al. Developing and maintaining an RDN-led bedside feeding tube placement program. *Nutr Clin Pract.* 2019 Dec;34(6):858-868.
- Carter M, Roberts S, Carson JA. Small-bowel feeding tube placement at bedside: electronic medical device placement and x-ray agreement. *Nutr Clin Pract.* 2018 Apr;33(2):274-280.
- Rollins C, Bailey E, Gregoire J, et al. Clinical simulation learning for small-bowel feeding tube insertion. *Nutr Clin Pract.* 2018 Apr;33(2):185-190.
- Yandell R, Chapman M, O'Connor S, et al. Post-pyloric feeding tube placement in critically ill patients: Extending the scope of practice for Australian dietitians. *Nutr Diet.* 2018 Feb;75(1):30-34.
- Lash K, Oppel R, Hasse J. Successful placement of nasointestinal feeding tubes using an electromagnetic sensor-guided enteral access system in patients with left ventricular assist devices. *Nutr Clin Pract.* 2018 Apr;33(2):281-285.

Other Recent Related Publications

- Liu JH, Wang WJ, Zhang J, et al. Successful postpyloric feeding tube insertion using prokinetic drugs for nasoenteric tube placement: A network meta-analysis. *Nutr Clin Pract.* 2022 Aug;37(4):773-782.
- Torsy T, van Noort HHJ, Taylor S, et al. The accuracy of methods for determining the internal length of a nasogastric tube in adult patients: a systematic review. *Am J Clin Nutr.* 2022 Sep 2;116(3):798-811.
- Coke A, Gilbert M, Hill S, et al. Nasogastric feeding tube/dobhoff placement: a multidisciplinary approach to the management of malnutrition during radiation therapy in patients with head and neck cancer. *Cureus.* 2022 May 11;14(5):e24905.
- Johnson L, Maatman T. Pilot study of feeding tube education using a graphic-based course. *WMJ.* 2022 Apr;121(1):64-67.
- Taskiran N, Sari D. The effectiveness of auscultatory, colorimetric capnometry and pH measurement methods to confirm placement of nasogastric tubes: A methodological study. *Int J Nurs Pract.* 2022 Apr;28(2):e13049.
- Bloom L, Seckel MA. Placement of nasogastric feeding tube and postinsertion care review. *AACN Adv Crit Care.* 2022 Mar 15;33(1):68-84.

General EN ASPEN Resources

- ASPEN Enteral Nutrition Handbook Second Edition, © 2019. This handbook contains recommendations on safe practices, ENFit®, and information on preparation, labeling, and dispensing of EN. It is a step-by-step, practical guide to caring for patients receiving EN therapy. [Nutritioncare.org/ENHandbook](https://nutritioncare.org/ENHandbook)
- When is enteral nutrition indicated? *JPEN* 2022;46(7):1470-1496.
- Safe practices for enteral nutrition therapy, *JPEN* 2016;41(1):15-103.

This practice tool is supported by

