Critical Care Nutrition

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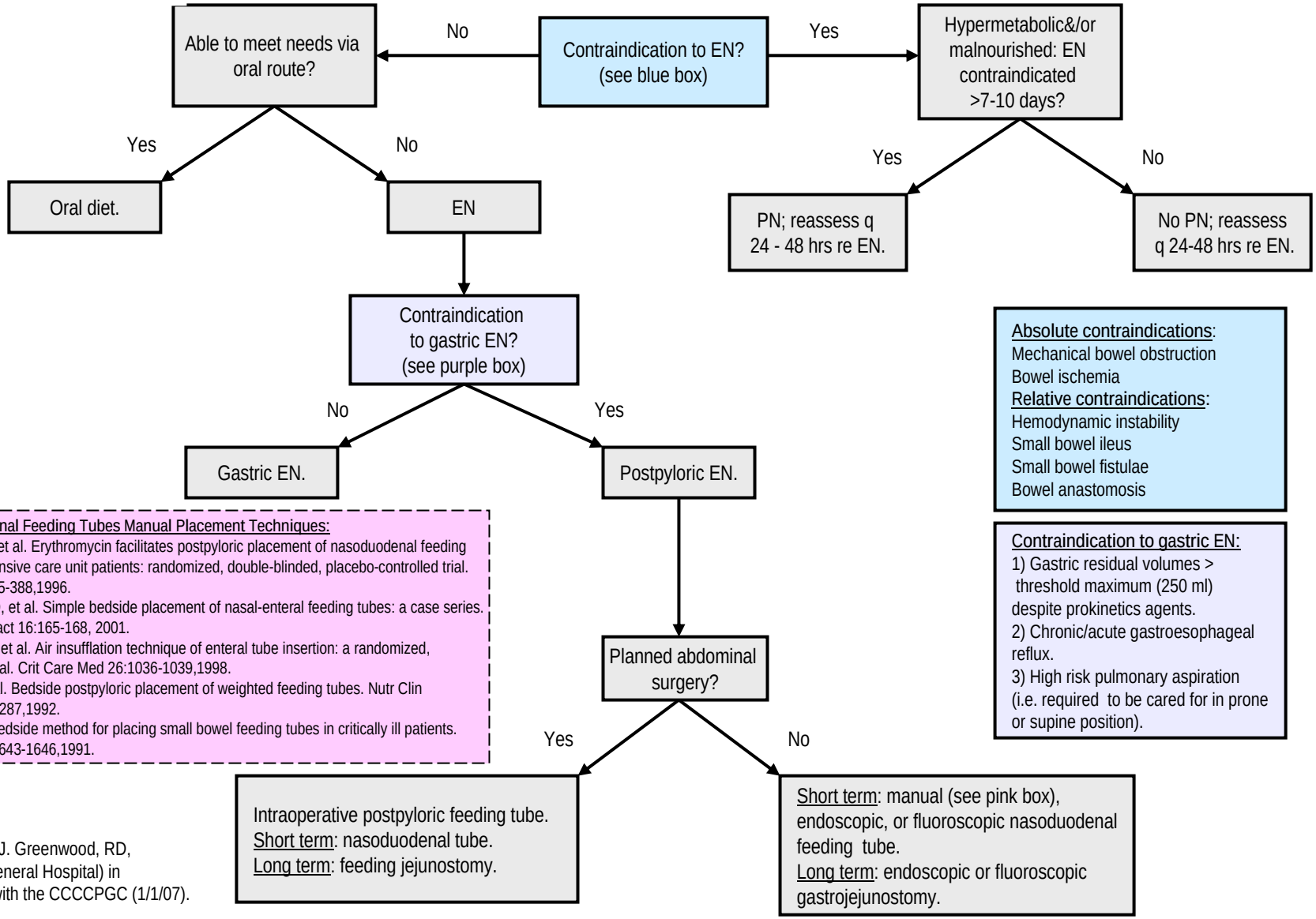
ROUTES OF NUTRITION SUPPORT GUIDELINE



Absolute contraindications:
Mechanical bowel obstruction
Bowel ischemia

Relative contraindications:
Hemodynamic instability
Small bowel ileus
Small bowel fistulae
Bowel anastomosis

Contraindication to gastric EN:
1) Gastric residual volumes > threshold maximum (250 ml) despite prokinetics agents.
2) Chronic/acute gastroesophageal reflux.
3) High risk pulmonary aspiration (i.e. required to be cared for in prone or supine position).

Nasoduodenal Feeding Tubes Manual Placement Techniques:

Kalliafas S, et al. Erythromycin facilitates postpyloric placement of nasoduodenal feeding tubes in intensive care unit patients: randomized, double-blinded, placebo-controlled trial. JPEN 20:385-388,1996.
Nicholas CD, et al. Simple bedside placement of nasal-enteral feeding tubes: a case series. Nutr Clin Pract 16:165-168, 2001.
Salasidis R, et al. Air insufflation technique of enteral tube insertion: a randomized, controlled trial. Crit Care Med 26:1036-1039,1998.
Ugo PJ, et al. Bedside postpyloric placement of weighted feeding tubes. Nutr Clin Pract 7:284-287,1992.
Zaloga G. Bedside method for placing small bowel feeding tubes in critically ill patients. Chest 100:1643-1646,1991.

Developed by J. Greenwood, RD, (Vancouver General Hospital) in collaboration with the CCCCPGC (1/1/07).