

---

Articolo Originale - Original Article

---

# Nutrizione enterale e dispositivi medici in uso: un approccio tecnico razionale

C. MARTINELLI<sup>1</sup>, A. GIANNONI<sup>2</sup>, G. TAURINO<sup>3</sup>

<sup>1</sup>U.O. Farmaceutica Ospedaliera, <sup>2</sup>Servizio di Nutrizione Artificiale Domiciliare, <sup>3</sup>U.O. Farmaceutica Territoriale, Azienda U.S.L. 1 di Massa Carrara

---

## Enteral nutrition and medical devices in use: A rational technical approach

**ABSTRACT: Background.** A patient's nutritional status can greatly influence the evolution of a pathology and the response to pharmacological treatment. Oftentimes, artificial nutrition is the only approach which can correct various states of malnutrition; the first choice, whenever possible, should be enteral nutrition.

**Objective.** To propose a possible tool for proper assessment and evaluation of medical supplies and their regulations, materials and alternative techniques for access to the gastrointestinal tract, to improve the quality of an appropriate intervention with artificial nutrition.

**Method.** Performed an analysis of medical devices and different materials used in enteral nutrition.

**Conclusion.** To provide a properly aimed approach to artificial nutrition it is opportune to accurately evaluate medical supplies which are advanced in both material quality and technology thus guaranteeing security and versatility. (RINPE 2005; 23: 2-9)

**KEY WORDS:** Enteral nutrition, Naso-gastric tube, Naso-jejunal tube, Stoma, Polyvinylchloride, Silicone, Polyurethane

---

**PAROLE CHIAVE:** Nutrizione enterale, Sonda naso-gastrica, Sonda naso-digiunale, Stomia, Polivinilcloruro, Silicone, Poliuretano