

# Prevalenza della Nutrizione Artificiale Domiciliare in Italia nel 2005: indagine epidemiologica SINPE

L. PIRONI, M. CANDUSSO, A. BIONDO, A. BOSCO, P. CASTALDI, F. CONTALDO, E. FINOCCHIARO, A. GIANNONI, S. MAZZUOLI, P. ORLANDONI, A. PALOZZO, C. PANELLA, S. PASTÒ, E. RUGGERI, G. SANDRI, E. STELLA, G. TOIGO E CONSIGLIO DIRETTIVO SINPE

Società Italiana di Nutrizione Parenterale ed Enterale (SINPE)

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## Prevalence of home artificial nutrition in Italy: A SINPE survey

**ABSTRACT: Aim.** To know the prevalence (number per million inhabitants) of home artificial nutrition (HAN), enteral (HEN) and parenteral (HPN), in Italy.

**Methods.** In April 2005, the regional delegates of the Italian Society of Parenteral and Enteral Nutrition (SINPE) registered all the ongoing HAN. Delegates estimated the representativeness rate of the collected HAN compared with their best estimate of the total HAN in their region.

**Results.** A total of 6955 HAN (93.5% adults, 6.5% pediatrics  $\leq$  18 yrs) from 16 regions (80% of the Italian population), were registered (representativeness 78%). HAN prevalence: 152.6 (83.9% HEN, 16.1% HPN). HAN range among the regions: prevalence 28.1 – 519.8; neoplastic 13.8% - 75.7%, neurological 15.5%-79.9%, intestinal failure 1.3%-14.0%. No correlation between regional representativeness rate and prevalence was observed.

**Conclusions.** HAN use is widespread throughout the country, with large differences in both total and disease prevalence among the regions. Efforts to make the HAN activity more homogeneous are needed. (RINPE 2005; 23: 99-104)

**KEY WORDS:** Home Artificial Nutrition, Parenteral Nutrition, Enteral Nutrition

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**PAROLE CHIAVE:** Nutrizione Artificiale Domiciliare, Nutrizione Parenterale, Nutrizione Enterale