



# HOME ARTIFICIAL NUTRITION PATIENTS AT THE AUSL-IRCCS OF REGGIO EMILIA IN THE YEAR 2021

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## Background and aims

Home artificial nutrition (HAN) allows to artificially feed those patients who patients who cannot feed themselves directly at home, avoiding hospitalization. The AUSL-IRCCS of Reggio Emilia guarantees this home service through dedicated resources.

## Methods

From the management software of the Pharmacy of the AUSL-IRCCS of Reggio Emilia were extracted data concerning patients benefiting from HAN in Reggio Emilia and province from January to December 2021.

## Results

The analysis of the data showed that in the year 2021 the AUSL-IRCCS of Reggio Emilia provided home health care to 182 patients in home enteral nutrition (HEN) (days of HEN: 72,820 days; healthcare costs: 738,373.68 euro; new patients: 119; closed patients: 130) and 29 patients in home parenteral nutrition (HPN) (days of HPN: 4,345 days; healthcare costs: 87,665.00 euro; new patients: 59; closed patients: 51). 53.3% of patients were affected by neurological diseases, 20% by oncological pathologies, 7.7% by pediatric diseases, 3% internal pathologies, 0.4% by traumas and 15.6% by other pathologies.

## Conclusions

The HAN management requires an important investment of human and financial resources, but it allow to feed patients at their home avoiding hospitalization, which would involve the occupation of hospital beds and excessive health expenditure.

**HAN patients at the AUSL-IRCCS of Reggio Emilia in the year 2021**

AUSL-IRCCS of RE Health District	Number of patients in HEN	Days of HEN	Number of patients in HPN	Days of HPN
Reggio Emilia	97	40,413	6	1,247
Castelnovo ne' Monti	12	4,175	8	745
Correggio	10	4,350	5	461
Guastalla	23	9,475	3	910
Montecchio Emilia	12	4,806	3	130
Scandiano	28	9,601	4	852
<b>Total</b>	<b>182</b>	<b>72,820</b>	<b>29</b>	<b>4,345</b>

