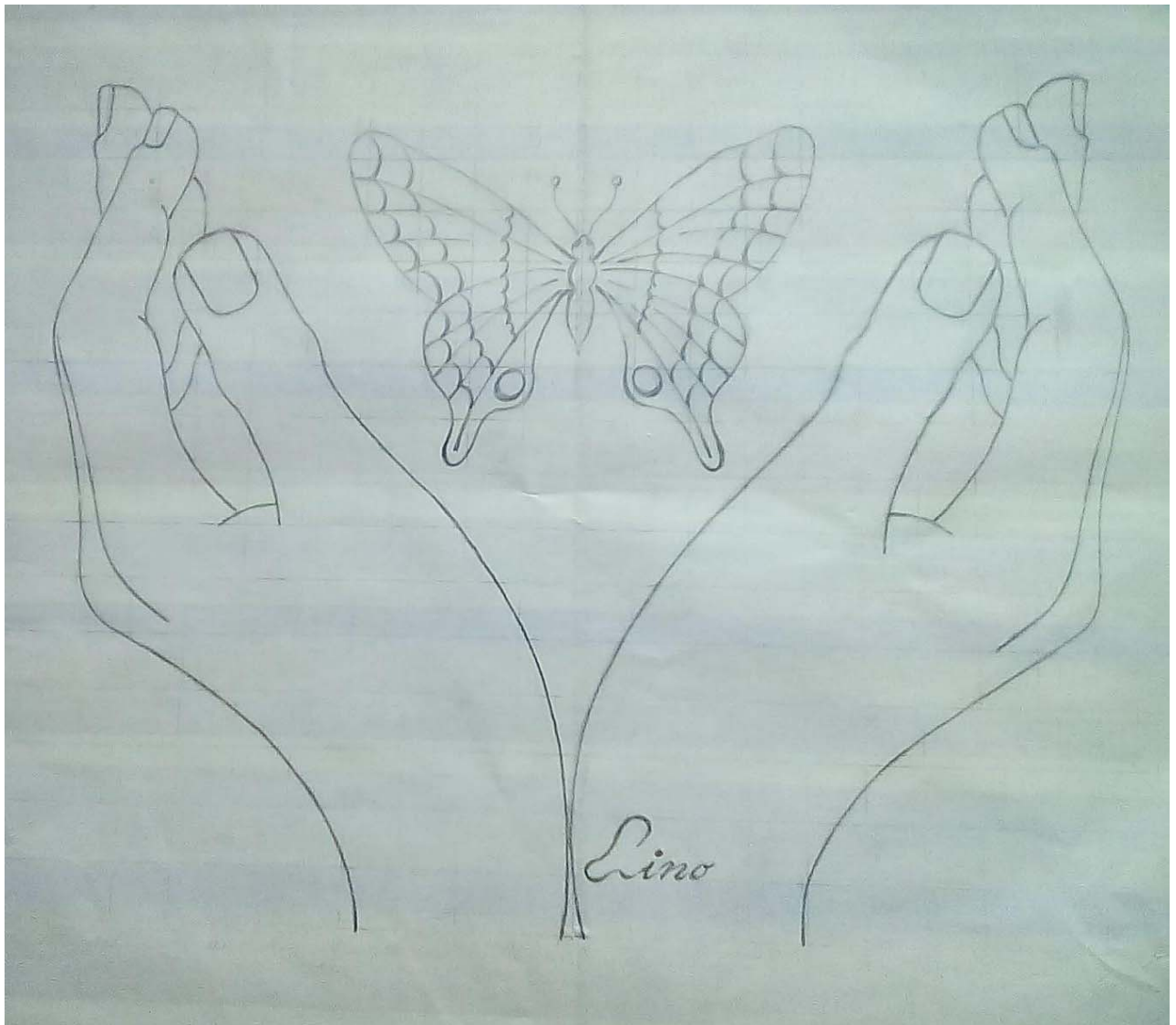


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## **Effect of Ebyndo in chronic pain: medical and nursing approach.**

**Neri S.<sup>1</sup>, Marchitto N.<sup>2</sup>, Raimondi G.<sup>3</sup>**

1) Nursing student at "Sapienza" University of Rome

2) "SAPIENZA" University of Rome, Italy; Internal Medicine Department and Geriatric Clinic, S. Giovanni di Dio Hospital, Fondi, (Latina), Italy.

3) "Med-Inf" Association, Fondi, Latina, Italy; "SAPIENZA" University of Rome, Italy;

**Correspondence Author:** Marchitto Nicola **Email:** nicola.marchitto@uniroma1.it

### **KEY-WORDS:**

### **ABSTRACT**

**Aim:** the purpose of this pilot study is to evaluate the efficacy and safety of analgesic treatment with ebyndo in chronic pain due to arthropathy. **Materials and Methods:** 10 patients (4 men and 6 women) suffering from chronic pain due to chronic arthropathy were enrolled in the pilot study. The patients enrolled had a minimum age of 70 years and a maximum age of 85 years (with an average age of 79.1 years). All patients enrolled in the study provided informed consent for the processing of personal data and the non-invasive recording of the relevant parameters to pain assessment. After obtaining consent, the enrolled patients underwent pain assessment using a VAS scale with a range from 1 to 10 points (with 0 for minimum pain and 10 for maximum pain). At the end of data recording, therapy with ebyndo 1 tablet twice a day was prescribed. After approximately 15 days of therapy, the pain assessment was repeated using the VAS scale. **Results:** from the data in our possession, relating to the pilot study carried out on 10 patients, treatment with ebyndo determines a statistically significant reduction in pain assessed by VAS scale ( $8.857 \pm 0.806$  vs  $3.123 \pm 2.736$  with  $P < 0.001$ ). No significant side effects compared to the gastropathies reported during previous NSAID therapies were found. **Discussion:** the data in our possession highlight that treatment with EBYNDO allows for control of painful symptoms in chronic pain confirmed by statistically significant variations in the VAS scale values before and after at least 15 days of treatment. **Conclusion:** treatment with EBYNDO allows the perception of locoregional pain to be modulated, allowing optimal control of painful symptoms in chronic pain without determining additional risks of erosive gastropathies and bleeding anemia often evident during chronic treatment with NSAIDs. Since the data relate to a group of 10 patients of Italian nationality with an average age of approximately 79 years, the pilot data of the present study are not applicable to all age groups of the population. **Limitations of the study:** the only limitation of the study is represented by the size of the sample under examination due to the poor compliance of the patients in carrying out the outpatient check-up visits as per the protocol. The expansion of the study sample is currently underway to confirm the preliminary data from the pilot study.

## TABLES

	<b>BASE <math>\pm</math> DS</b>	<b>CONTROL <math>\pm</math> DS</b>	<b>Probability (P)</b>
<b>VAS (0-10)</b>	8,857 $\pm$ 1,806	3,123 $\pm$ 2,736	< 0,001

Tab.1: Descriptive statistics of the changes in the parameters examined before and after treatment with EBYNDO. Data are expressed as mean  $\pm$  SD.

## FIGURES

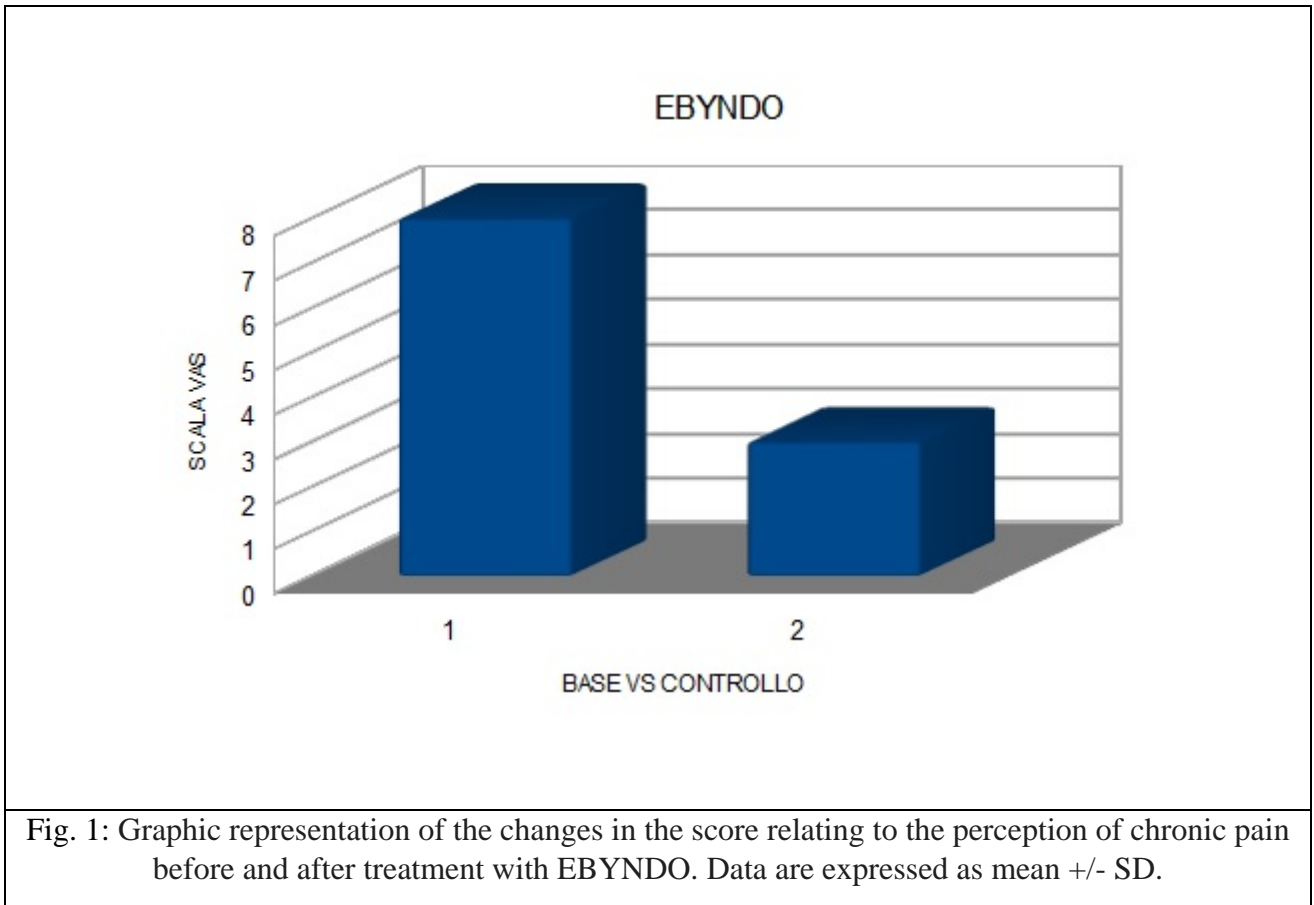


Fig. 1: Graphic representation of the changes in the score relating to the perception of chronic pain before and after treatment with EBYNDO. Data are expressed as mean  $\pm$  SD.

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