

# THE EFFECTIVENESS OF LONG-ACTING INJECTIONS OF SECOND GENERATION ANTIPSYCHOTICS



Suárez Gisbert, E<sup>1</sup>.

<sup>1</sup>Psychiatry Department. Infanta Sofía University Hospital. Madrid. Spain. European University of Madrid.

## INTRODUCTION AND OBJETIVES:

Risperidone long-acting injection and Paliperidone Palmitate one month are value in the treatment of Schizophrenia.

Objetive: the assess the long term efficacy of Risperidone vs Paliperidone to preventing relapse, and effectiveness.

Risperidone long-acting injection and Paliperidone Palmitate are a valuable strategy for the treatment of the schizophrenia.

## MATERIAL AND METHODS:

30 patients with diagnosis of schizophrenia were treated with Risperidone, and 30 patients with diagnosis of schizophrenia with Palmitate of paliperidone.

We follow 24 months, Scales PANSS, PSMQ, CGI scales. They were performed at the begin and the end of study. We defined relapse, rehospitalization, or 25% base lane PANSS.

## RESULTS

The 56,6 % patients with Risperidone long-acting injection no relapse, and 83,3% with Paliperidone Palmitate (Figure 1).

The 63,3 % patients with Risperidone long-acting injection are satisfied or very satisfied while 86,6% patients with Paliperidone Palmitate are satisfied or very satisfied. Also his family member. (Figure 2).

The improved of de CGI scale global patients with Risperidone long-acting injection was 2,8 points, and patients with Paliperidone Palmitate was 3,9 (Figure 3).

## REFERENCES

1. Mesones Pera, J, Gurilo P et al (2017): "Hospitalizations and economic analysis in psychotic patients with paliperidone palmitate long acting injection". Revista de Psiquiatria: Vol 10 Pag 33-37.
2. Fleischacker W et al (2012): "A randomized trial of paliperidone palmitate and risperidone long-acting injectable in schizophrenia". International Journal of Neuropsychopharmacology:15 107-118.

## CONCLUSIONS:

1. We observed higher percentage of relapse free in patients treated with Paliperidone Palmitate than treated with Risperidone long-acting injection.
2. Patients treated with Paliperidone Palmitate apperars to have greter acceptance and in her family than patients treated with Risperidone long-acting injection.
3. Both neuroleptics improved CGI scale, more the patients treated with Paliperidone Palmitate.

FIGURE 1: RISPERIDONE LONG-ACTING INJECTION AND PALIPERIDONE PALMITATE

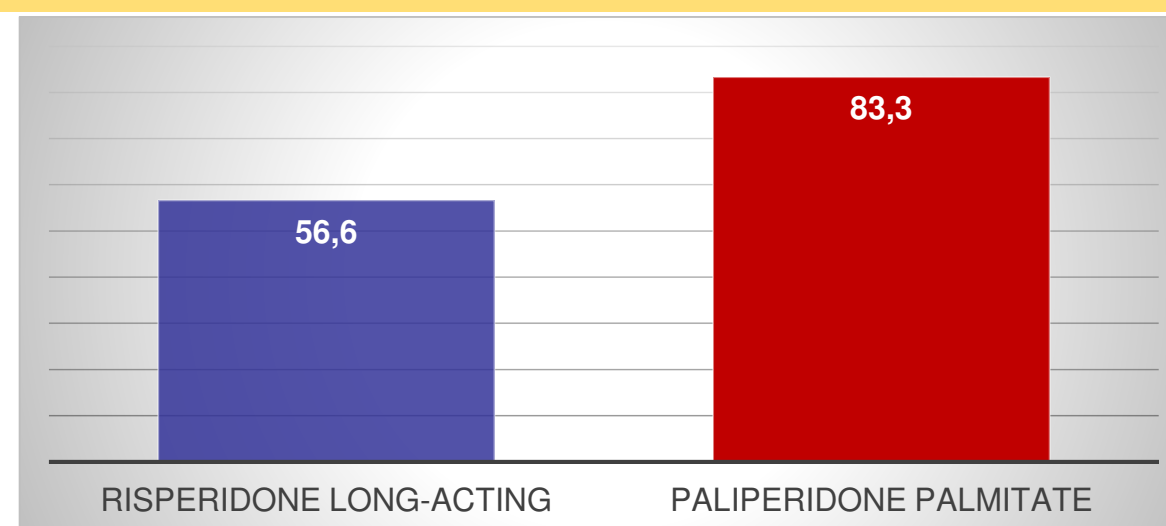


FIGURE 2: HIGH SATISFACTION DEGREE

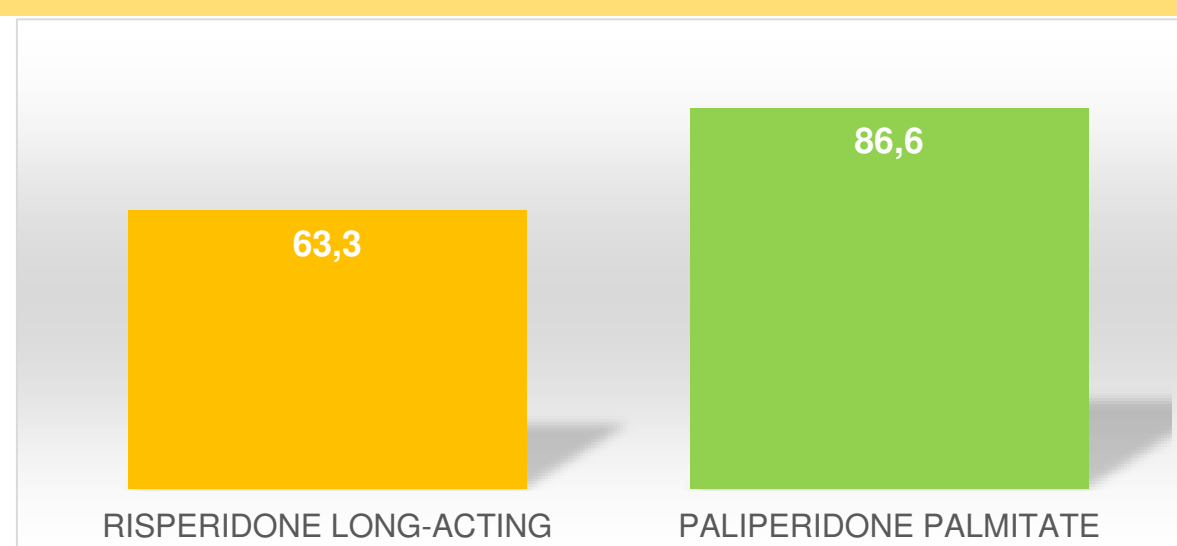


FIGURE 3: IMPROVEMENT OF CGI SCALE

