EVALUATION OF THE DEGREE OF ADHERENCE TO THE INTRAVENOUS TREATMENT OF AMBULATORY PATIENTS

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OBJECTIVES: To assess the degree of adherence to the non-chemotherapy intravenous treatment of chronic patients who came to the day hospital, as well as to identify the possible specific factors related to therapeutic compliance.

METHODS:
✓ Retrospective longitudinal descriptive study (2017).
✓ Patients who went to the day hospital to receive treatment.
✓ The adherence data were extracted from the pharmacy service database and day hospital records. The degree of adherence (%) was calculated from the records previously submitted and taking into account the posological interval. Adherence ≥90% was considered adequate.
✓ The demographic and clinical data of the patients were obtained from the review of electronic health records: age, gender, pathology and treatment.

RESULTS:

199 Patients (64% women)  Mean age: 51 years  Pathologies: 30% Rheumatoid arthritis 26% Crohn’s disease 10% Lupus

Drugs: 38.7% Infliximab 24% Tocilizumab 10% Belimumab

Degree of adherence

Adequate adherence (≥90%) 78% patients (n=155) 65% women (n=101)

Inadequate adherence (< 90%) 22% patients (n=44) 61% women (n=27)

The variables that showed a statistically significant association (chi square p<0.05) with adherence to the treatment were:

- Drug
- Dosage interval
- Duration of the infusion

Treatment with frequently administered drugs and therapies whose administration required a long time → favored ↓ adherence.

DISCUSSION AND CONCLUSIONS:
The degree of adherence to the intravenous ambulatory treatment was inadequate in a 22% of the population. The infused drug, the dosage interval and the duration of the administration were the variables that showed association with the adherence of the patients.

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