

5PSQ-042. EVALUATION OF A CHECK-LIST INFORMATIZED FOR ANTINEOPLASTIC PRESCRIPTION VALIDATION

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Cytostatics

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BACKGROUND

Pharmaceutical validation
of the oncological
prescription

Improvement in the patient's safety

- Quality criteria
- Carried out in a generalized, standardized and regulated way

PURPOSE

To describe the implementation of a computerized checklist for the validation of the prescription of oncological chemotherapy (ChemO) according to recommendations and clinical practice guidelines. To evaluate the results of its implementation in terms of safety interventions.

MATERIALS AND METHODS

The Check-list was designed in database format. This includes the BOPA and GEDEF0 recommendations for validation by having a series of different color alerts when some of the laboratory values are not within the normal limits for administration from ChemO. From this database the variables number of validations, interventions, type acceptance or not by the oncologist are collected from January 1 to June 30, 2019. The demographic data of the patients, age and sex are also collected. Frequencies and means are analyzed for the variables studied.

RESULTS

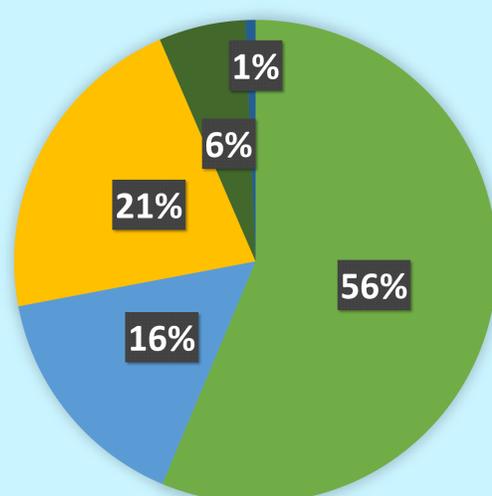
3,050 validated prescriptions → 1,162 patients

- ♀ 593 (51%)
- Mean age 59.3 years ($\sigma=15.0$).
- 293 interventions were performed (9.6% of prescriptions)

Regarding the severity of the intervention, **31 (1.0%) required consultation with the oncologist, 22 (70.1%) of whom were accepted.**

Among the latter, the main reason for the consultation was related to laboratory parameters outside normal limits.

TYPE OF INTERVENTIONS



- Diagnosis not reflected
- Periodicity of the chemotherapy scheme
- Location of the patient within the hospital
- Related to the scheme, cytostatic, volume and prescribed serum
- Others

CONCLUSION

The application of a Check-list to the validation of the prescription serves to improve patient safety as it standardizes the process and marks an order of all the items reviewed. It is also useful for unifying the criteria among pharmacists and it is helpful in the training of resident pharmacists.



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