

# ANALYSIS AND IMPLEMENTATION OF A SPECIALIZED PHARMACEUTICAL CARE MODEL FOR THE GERIATRIC HEMATO-ONCOLOGY PATIENT

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## BACKGROUND AND IMPORTANCE

Elderly individuals constitute a significant percentage of patients with **malignant hematological diseases**. These patients frequently need a **comprehensive, multidisciplinary approach**.

## AIM AND OBJECTIVES

To design a **specialized pharmaceutical care model** for the **geriatric hemato-oncology patient** and evaluate its clinical outcomes.

## MATERIAL AND METHODS

- Prospective observational study (January 2022-April 2024) within the Pharmaceutical Care Consultation for oncohematology patients at a tertiary care hospital.
- Selection the frailest patients and derivation to the Pharmacy consultation.
- Pharmacist → pre-evaluation of home medication, self-medication and alternative medicine.
- Pharmaceutical interventions → formally documented in the patient's Clinical History.

## RESULTS

55 patients

**Adherence to hemato-oncological treatment improved in 90% of patients.**

38  
pharmaceutical  
interventions

- 5 related to dosage or administration method.
- 10 concerning pharmacological interactions.
- 5 due to therapeutic duplications.
- 8 regarding interacting herbal products or multivitamin complexes.
- 4 due to failure to attend a medical review in 2 years.
- 6 with low therapeutic value and high anticholinergic burden.

## CONCLUSION AND RELEVANCE

The hospital pharmacist plays a crucial and significant role in the **pharmaceutical care of the geriatric hemato-oncology patient** by establishing a **multidisciplinary working model** in collaboration with the hematologist.