

PHARMACIST'S INTERVENTION IN THE THERAPEUTIC MANAGEMENT OF PATIENTS WITH HEART FAILURE – AN OPPORTUNITY FOR IMPROVEMENT

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BACKGROUND AND IMPORTANCE

Patients with **Chronic Heart Failure (HF)** have numerous comorbidities and high morbidity and mortality, which implies the use of a vast number of drugs. This **polymedication** is associated with a great potential for drug interactions and lack of adherence to treatment by patients.

The balance between the ability to adequately medicate each patient and therapeutic simplification is a challenge for healthcare professionals.

Literature suggests that **interdisciplinary** approach has significant gains in terms of adherence to therapy and quality of life in patients with HF.



AIM AND OBJECTIVES

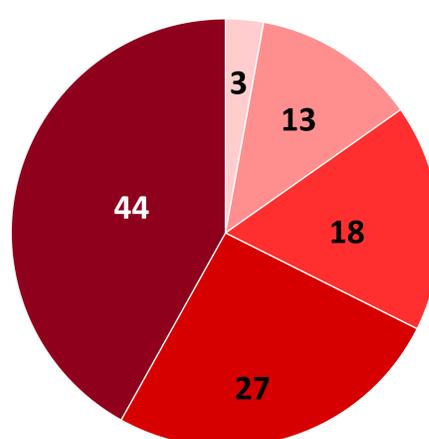
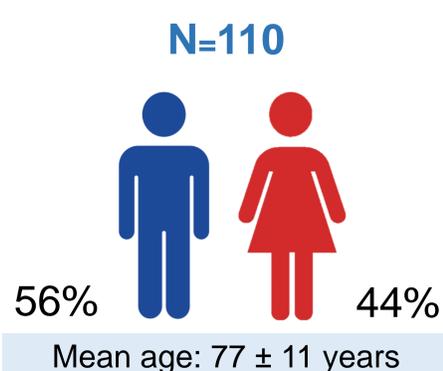
To characterize pharmacist's interventions in patients with HF followed in a pharmacist consultation integrated in a multidisciplinary HF team, at an HF clinic of a central hospital.

MATERIALS AND METHODS

Descriptive, observational, retrospective study, which includes patients referred by the HF specialist for pharmaceutical consultation, between May 2021 and August 2022.

RESULTS

It were performed 176 pharmaceutical consultations regarding 110 HF patients. Therapeutic reconciliation and medication review were carried out and an updated pharmacotherapeutic guide was given to these patients as well as education and literacy about the use of medicines. It were identified 145 drug interactions of **category X or D**.



Pharmaceutical interventions

- Liver function adjustment
- Discrepancies
- Dosage adequacy
- Administration schedule adjustment
- Dose adjustment due to renal function alteration

195 PHARMACEUTICAL INTERVENTIONS:

90

Corresponded to suggestions for additional monitoring

89

Accepted by the physician

16

Directed to physicians from different specialties who follow these patients for concomitant pathologies

CONCLUSION AND RELEVANCE

- Hospital pharmacists, working collaboratively with the multidisciplinary HF team, have a **fundamental role in comprehensive medication management** as well as in identifying unmet-needs, thus, opportunities for therapy improvement in HF patients.
- Pharmaceutical consultation stands as a great opportunity for **promoting drug safety and medicines use optimization**.

