

Clinical pharmacists experience on medication adherence management in Sublingual Immunotherapy (SLIT)

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Introduction

The literature shows that SLITs are correlated with a high risk of sub-adherence/discontinuation, that causes unsatisfactory health outcomes and increased costs. Therefore, in Mauriziano Hospital of Turin a pharmacist-led service was structured to monitor and support patients in home-management of therapies. **Aim:** -Enhance pharmacists adherence's interventions; -Develop data analysis on pharmacy refill for SLIT cohort.

Methods

Clinical pharmacist engages patients and applies appropriate counseling techniques.

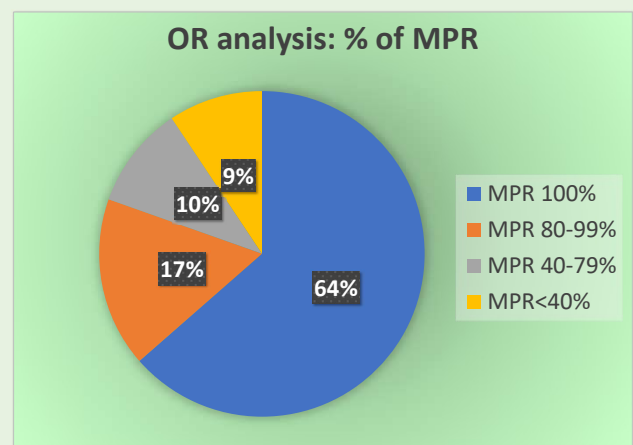
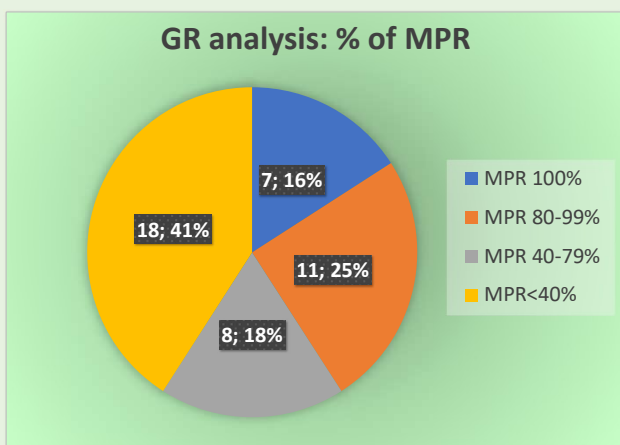
SLITs monitored: Grazax[®] (3-year continuous treatment) and Oralair[®] (seasonal treatment).

Adherence's analysis are carried out with Medication Possession Rate (MPR: days of treatment withdrawn/days of treatment prescribed x100) from drugs-refill database.

Sub-adherence are discussed with physicians and patients, also through telepharmacy.

Results

From Sep 2019 to Jun 2022, 494 analysis of MPR were carried out: 44 on GR and 450 on OR. MPR was 100% in 303 analysis (7 (16%) on GR and 286 (64%) on OR); range 80-99% in 87 analysis (11 (25%) on GR and 76 (17%) on OR); range 40-79% in 54 analysis (8 (18%) on GR and 46 (10%) on OR); MPR<40% in 60 analysis (18 (41%) on GR and 42 (9%) on OR). Average adherence in GR cohort was 58% and 86% in OR cohort.



Discussion

Average adherence results higher than literature data available, however this preliminary analysis requires further investigation.

Conclusion

The supportive clinical pharmacist's interventions and technological innovation used represent added values to integrate informations useful in clinical practice.

