

PHARMACEUTICAL INTERVENTION: AVOIDING INTERACTIONS BETWEEN ANTIRETROVIRALS AND VITAMIN SUPPLEMENTS/ ANTIACIDS.

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BACKGROUND AND IMPORTANCE

Simultaneous coadministration of integrase inhibitors and polyvalent cations contained in antacids or vitamin supplements resulting in a reduced absorption of them due to a chelation process.

AIM AND OBJECTIVES

To analyse prevent the potential interaction between integrase inhibitors and vitamin supplements or antacids.

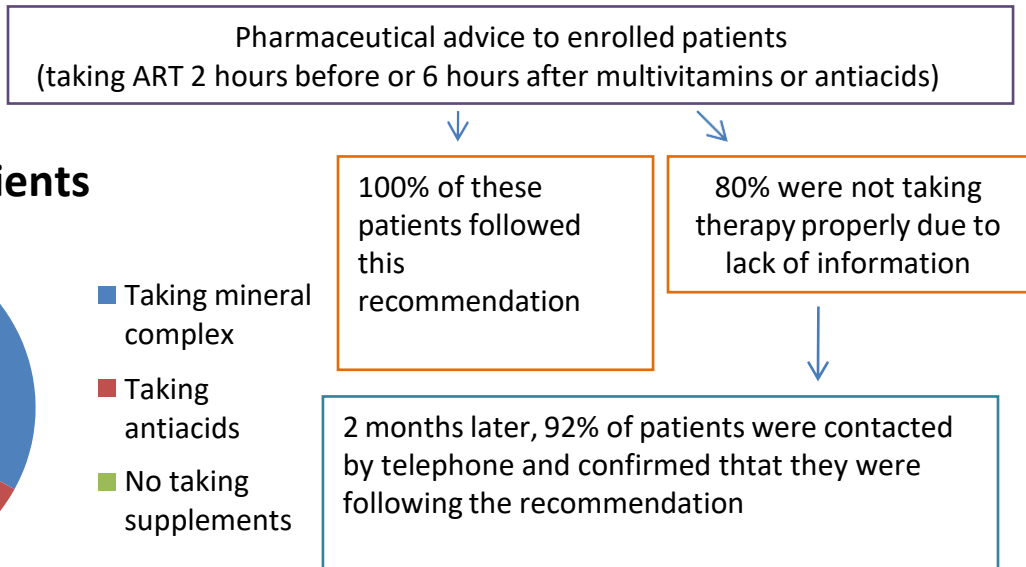
MATERIAL AND METHODS

Retrospective study conducted between May and September 2021. Patients were included if they were on treatment with ART containing an integrase inhibitor

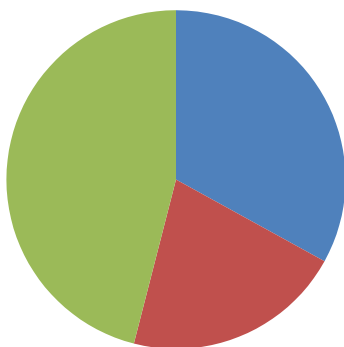
Data collected:

- Sex
- Age
- Pharmacological variables
- Adherence or treatment modification

RESULTS



135 patients



- Taking mineral complex
- Taking antiacids
- No taking supplements

CONCLUSIONS: Patients should be adequately interviewed during dispensing of treatment to find out what other non-prescription medicines they are taking in order to effectively prevent drug-drug interactions and to optimise ART.