

The Added Role of Pharmaceutical Intervention on Hepatitis C Virus Direct Antiviral Agent Treatment: A Single Centre Observational Prospective Cohort Analysis

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BACKGROUND

In the direct antiviral agents era of Hepatitis C Virus therapy, optimizing treatment with multidisciplinary strategies improves adherence and efficacy.

J05- Antivirals for systemic use

METHODS

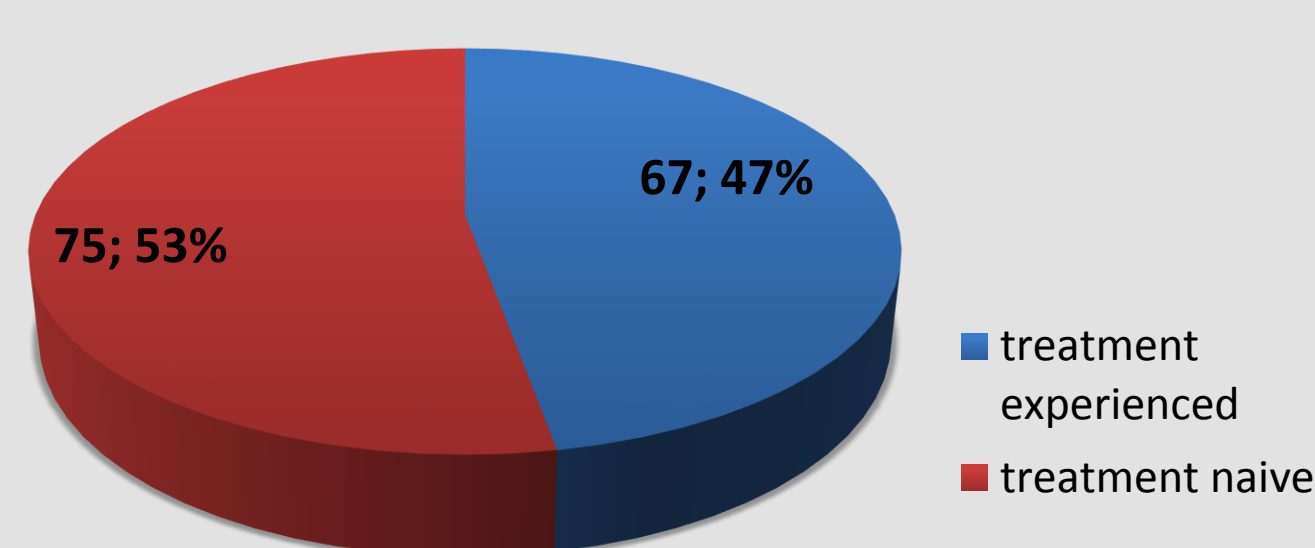
OBJECTIVES

To evaluate the pharmacist's role in HCV therapeutic management, to minimise compliance issues, drug-to-drug interactions (DDI) and adverse events management

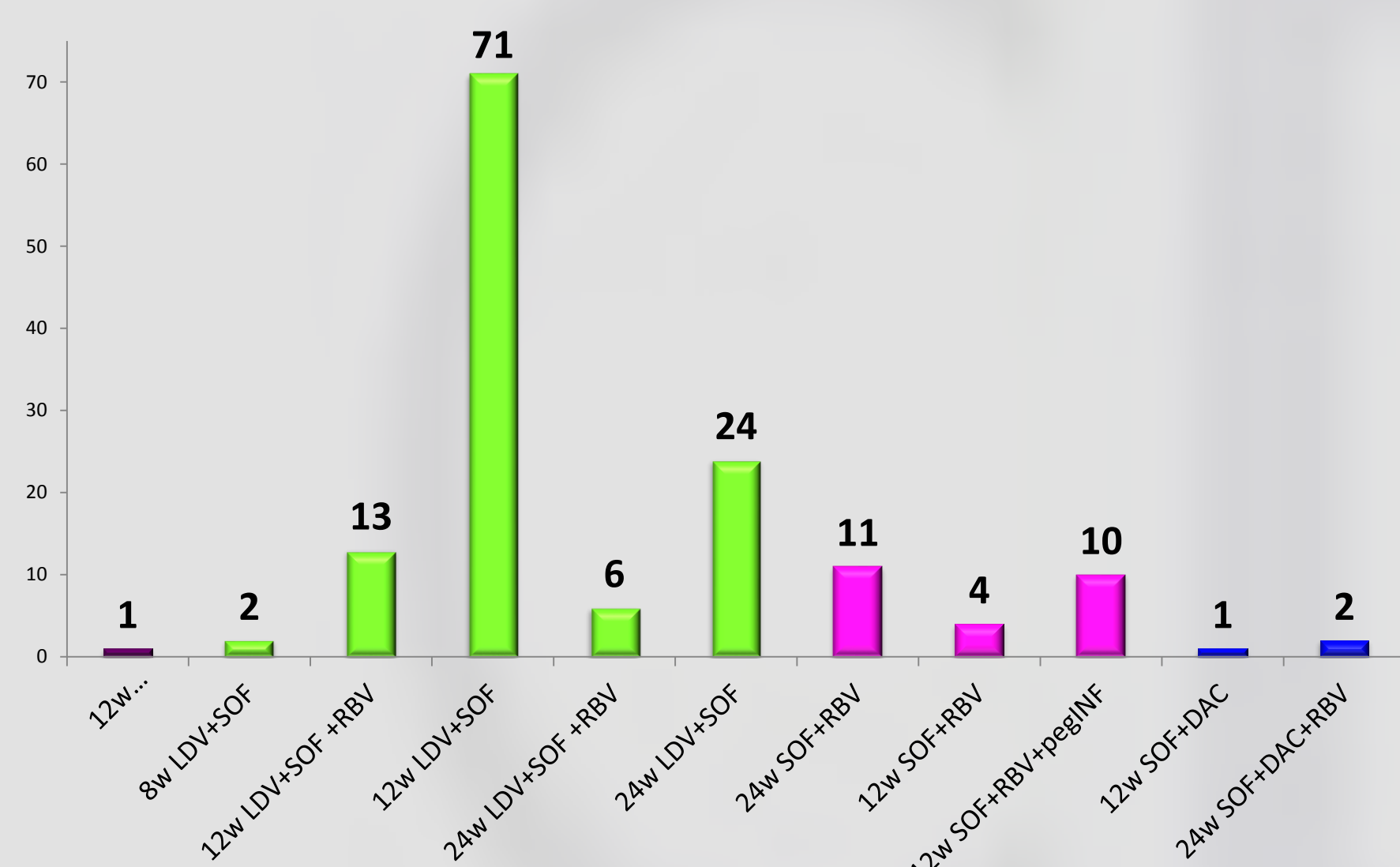
- Prospective analysis of HCV patients treated with DDA regimens at a peripheral hospital
- Period : 12 February 2015 – 15 June 2016
- Enrolled in monthly outpatient pharmaceutical consultations
- Baseline and on-treatment parameters were reassessed per consultation:
 - Need for therapeutic changes / concomitant medicines
 - DDI
 - Adverse events
 - Compliance
 - Behavioural awareness /Patient education

RESULTS

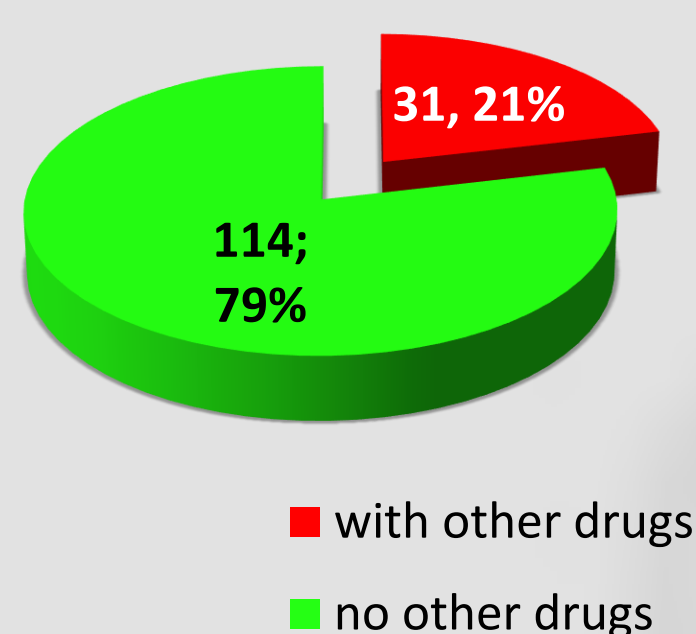
142 Patients
544 Pharmaceutical Consultations



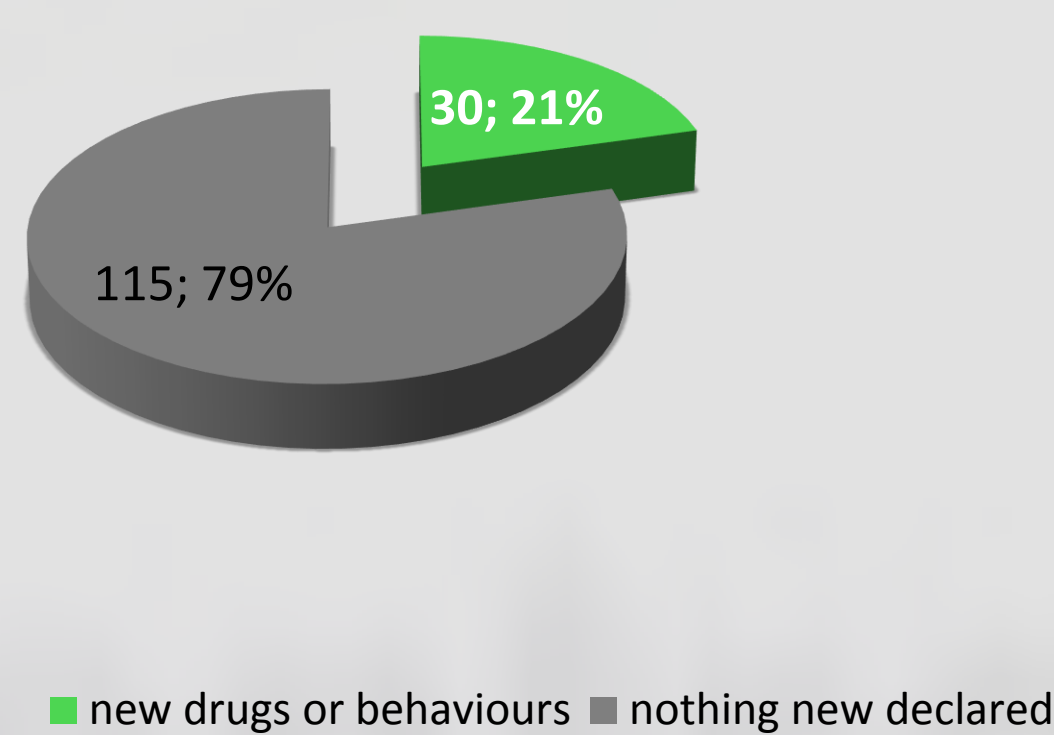
145 DAA Regimens



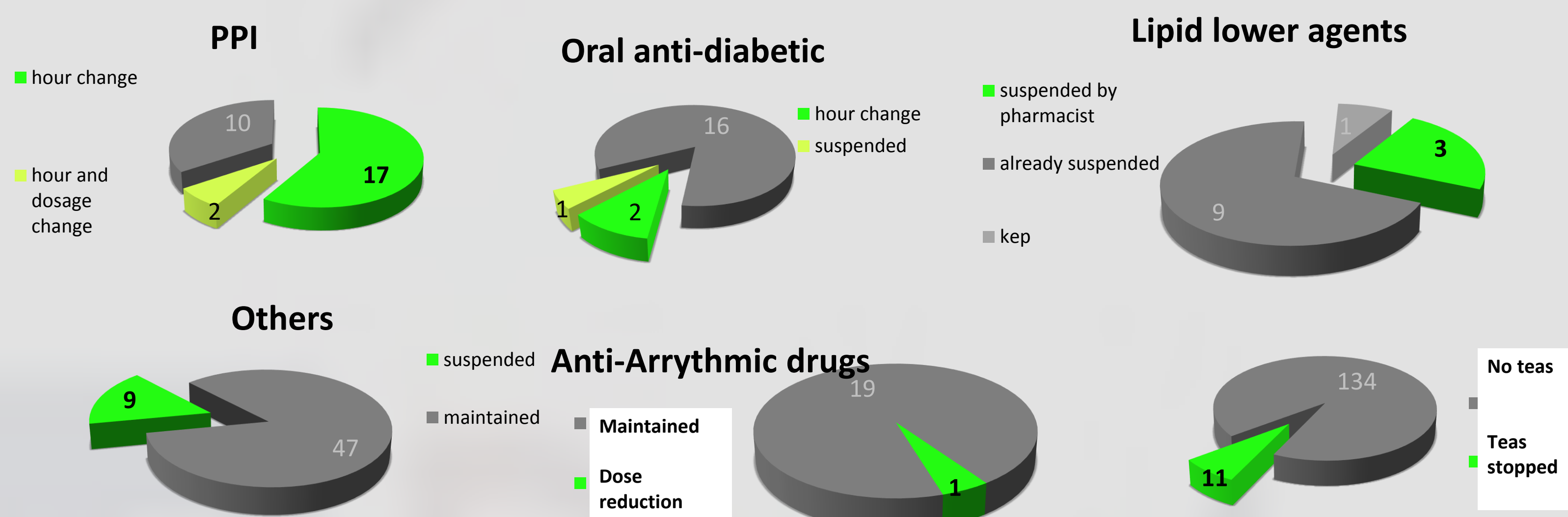
Baseline Consultations



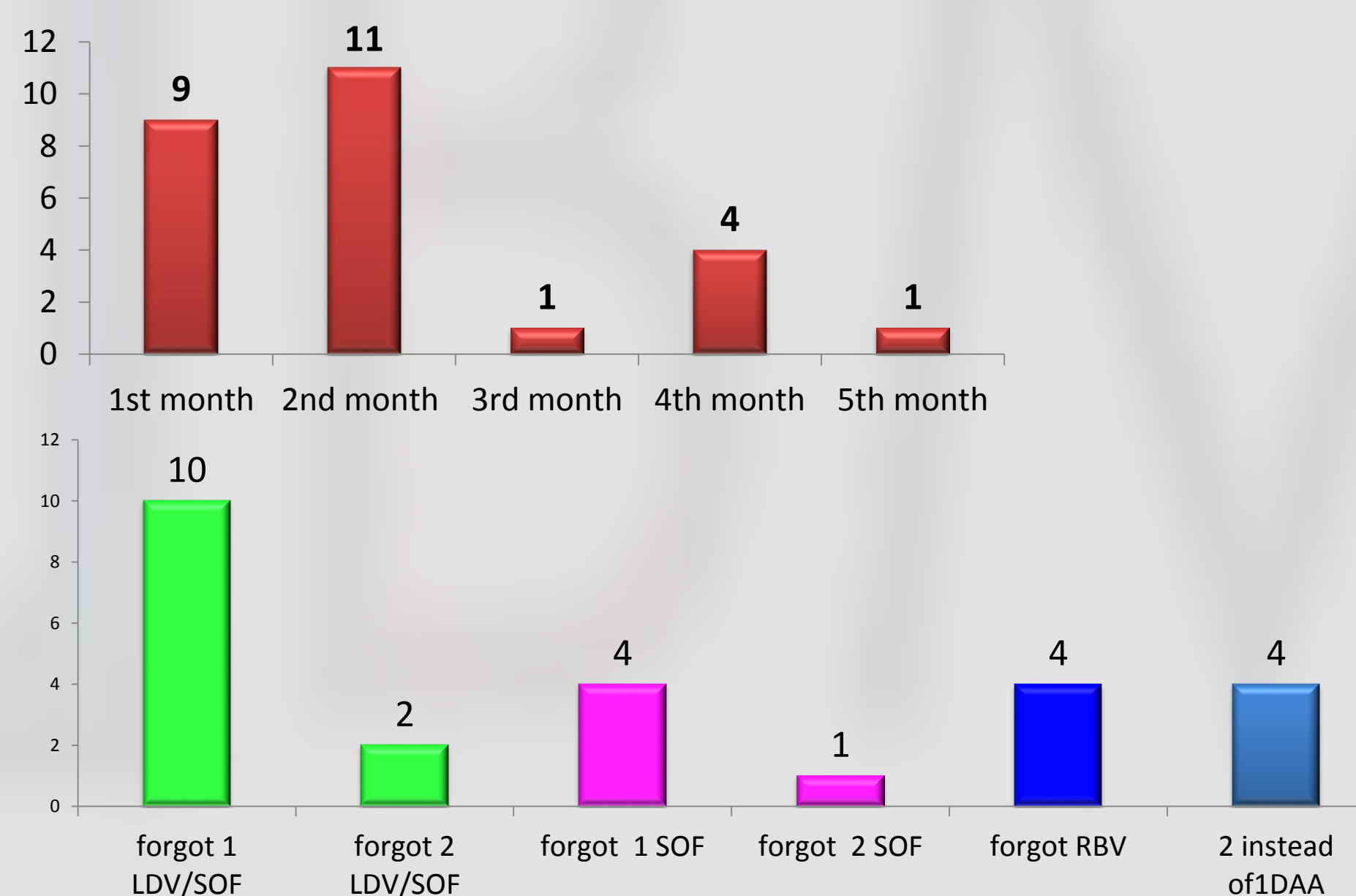
On-treatment consultations



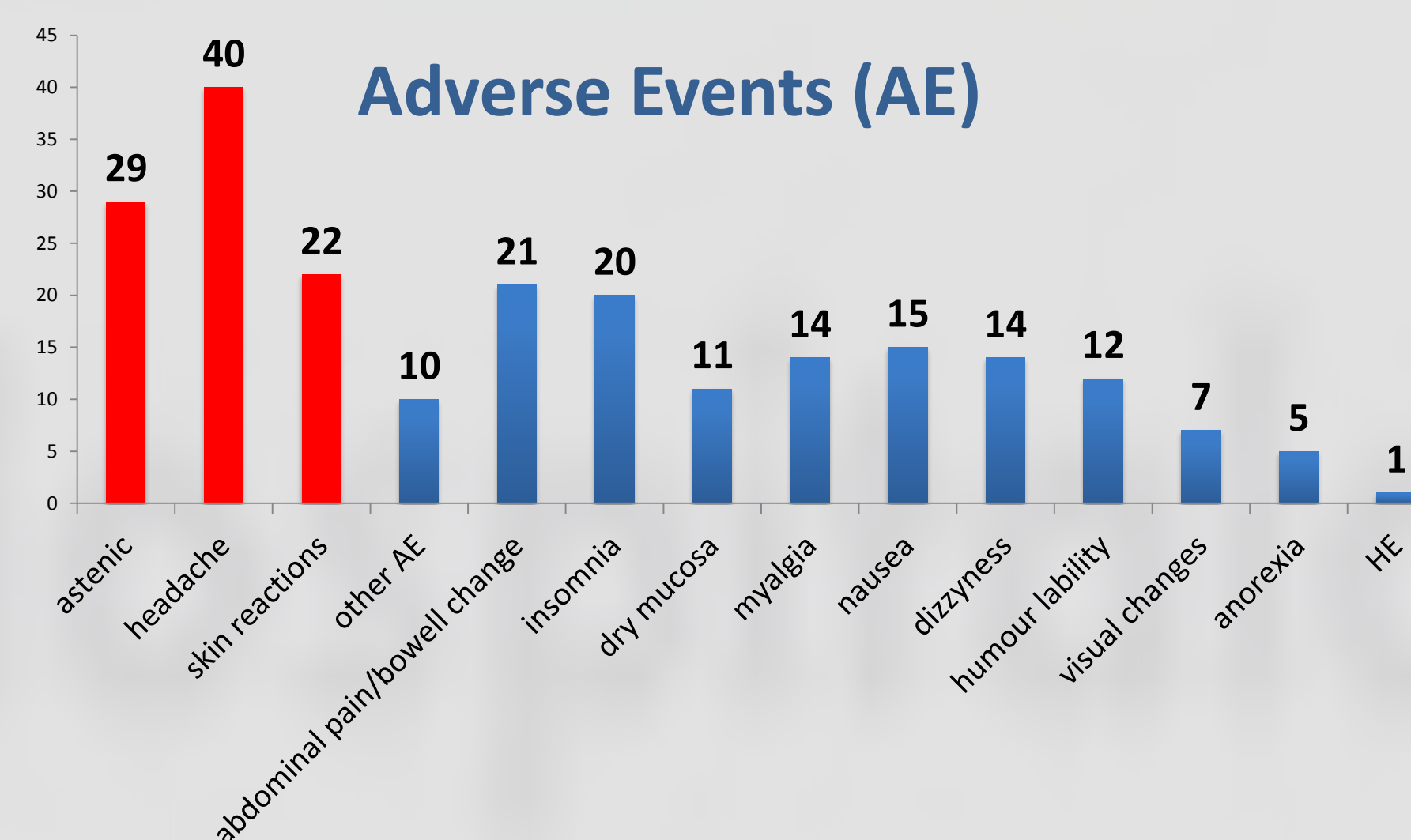
47 Active Pharmaceutical Interventions (32%)



Compliance



Adverse Events (AE)



CONCLUSIONS

Pharmaceutical interventions at our centre helped optimise HCV treatment in one-third of cases at the start but also throughout the treatment process, validating the pharmacist role within the multidisciplinary management of HCV.

BIBLIOGRAPHY

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