

COLLABORATIVE MODEL OF HOME DELIVERY PROGRAM IN HEMOPHILIA THROUGH AN ASSOCIATION OF PATIENTS

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INTRODUCTION

Most of the clotting factor (CF) dispensations to patients with haemophilia in Valencian Community are **centralized in only one hospital**, generating **frequent visits to hospital**, and requiring **long travel distances**.

METHODS

Since 2011 the Outpatient Pharmaceutical Care Unit (OPCU) established collaboration with the Hemophilia Patients Association of the Valencian Community (ASHECOVA) to develop together a **home delivery program**, allowing patients an easiest and convenient access to their treatments.



- 1 • Patient authorizes individually a delegated dispensation
- 2 • On-line communication OPCU-ASHECOVA
- 3 • Pharmaceutical validation and dispensation is prepared in advance
- 4 • ASHECOVA collects the medication and delivers it to patient's home in optimal conditions (traceability and cold chain preservation)

- ✓ Data analyzed since December 2011 to December 2017, including: baseline characteristics, number of patients, deliveries and medication dispensed.
- ✓ A satisfaction survey was conducted (January 2017), asking about benefits and suggestions about the program.

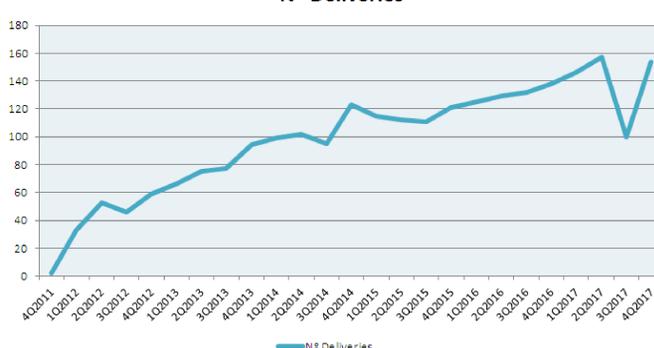
RESULTS

- During the study period, **49 patients** were included, 48 with hemophilia A & 1 with hemophilia B (38.9% of patients). A total of **2464 home deliveries** were made, corresponding to **6484 dispensations** (Figures 1-3). There have not been any reported incident. In some patients, home delivery was also used to deliver antiretroviral drugs.
- The mean number of home deliveries was **11.4 per patient and year**, standard deviation (SD) 0.6, and the mean number of dispensations was 30.1 dispensations/patient/year (SD: 3.3). **Annually** this system **avoids per patient** a mean travel distance of **1189.1 km**, **945.3 min** of travel time and **393 euros** of cost in travels.
- Most of the patients agreed with the program without any change suggested (**9.7 of overall satisfaction**).
- **Benefits reported:** less frequent visits to hospital, reducing time and costs spent in transportation, absenteeism in the workplace, and dispensation waiting times.

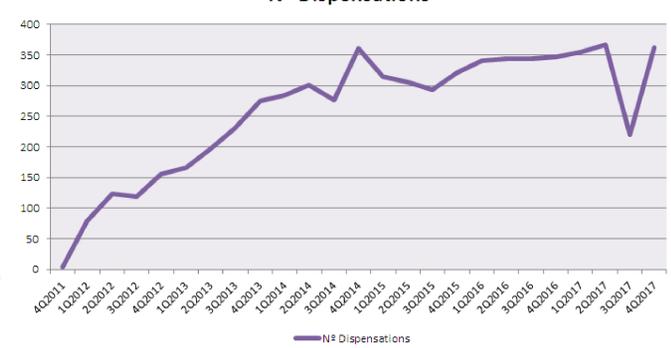
Nº Patients



Nº Deliveries



Nº Dispensations



CONCLUSION

Home delivery program guarantees a **proper follow-up** of treatments, obtaining full **satisfaction** evaluation from patients.

This program improves **patient's convenience**, as well as allows OPCU to achieve a **better pharmaceutical care**, **traceability** of the process and **optimization** of working times and CF stock management.