

STEWARDSHIPS OF HEPATITIS C VIRUS PATIENTS IN PRISONS

M.D. GIL-SIERRA¹, F. TELLEZ-PEREZ², E. RIOS-SANCHEZ¹, M.D.P. BRICEÑO-CASADO¹, S. FENIX-CABALLERO¹, C. MARTINEZ-DIAZ¹, E.J. ALEGRE-DEL REY¹, C. PALOMO-PALOMO¹, J. DIAZ-NAVARRO¹, J.F. LOPEZ-VALLEJO¹, J.M. BORRERO-RUBIO¹.

¹HOSPITAL UNIVERSITARIO DE PUERTO REAL, PHARMACY, PUERTO REAL, SPAIN.

²HOSPITAL UNIVERSITARIO DE PUERTO REAL, INTERNAL MEDICINE SERVICE, PUERTO REAL, SPAIN

4CPS-085

J05 - Antivirals for systemic use

BACKGROUND

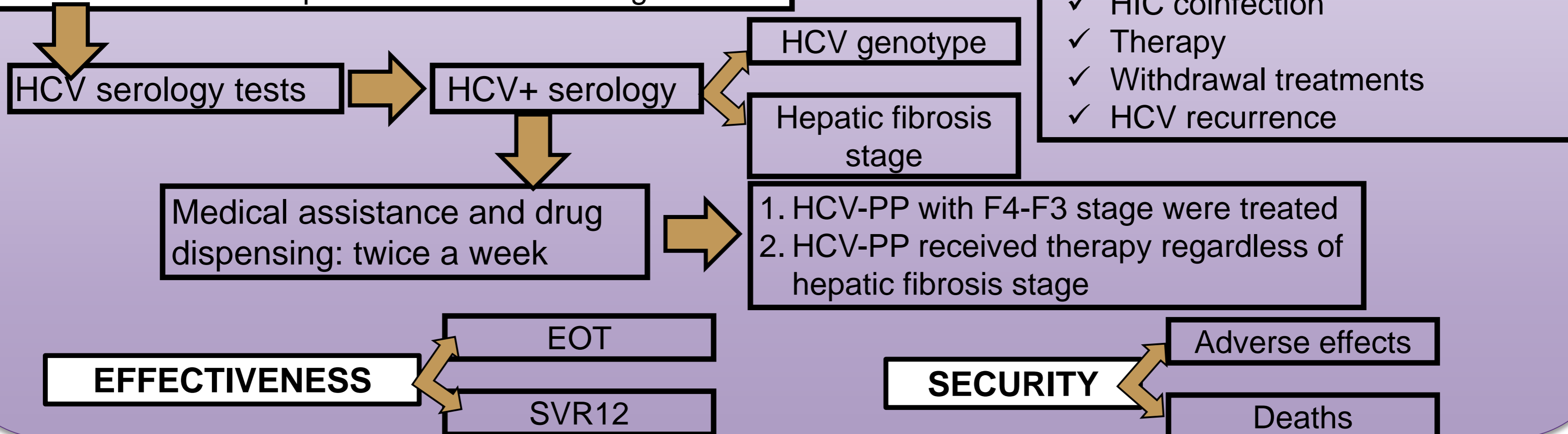
- ✓ To **eliminate** hepatitis C virus (HCV) infection in institutionalized patients is necessary to reduce risk of transmission in general population.
- ✓ There is a **high prevalence** of HCV infection in **prison population (PP)**.

PURPOSE

To develop a **multidisciplinary program** for **diagnosis** and **treatment** of HCV infection in PP of 3 **prisons** and evaluate the effectiveness and safety of treatment for HCV.

MATERIAL AND METHODS

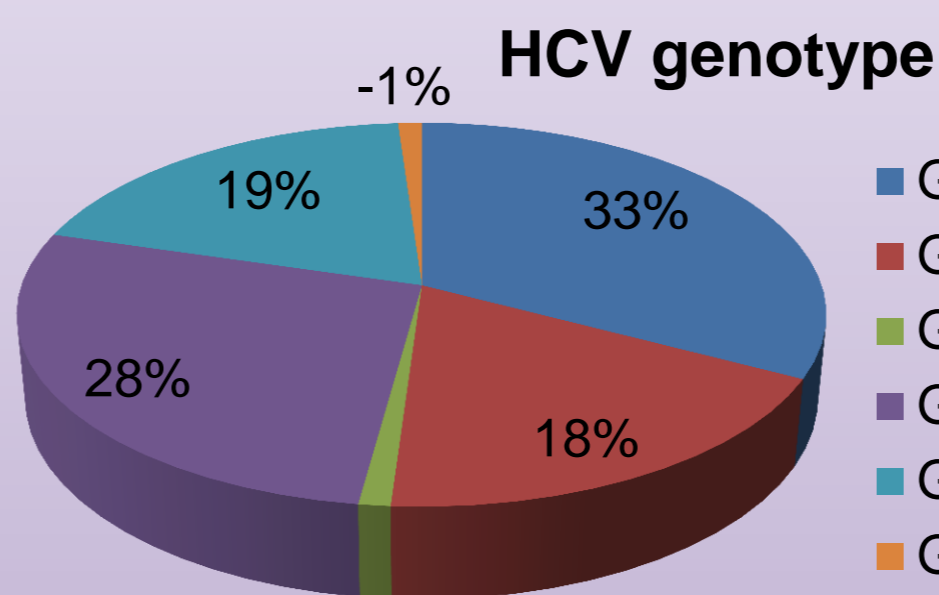
Multidisciplinary program (prison **physicians**, hospital **pharmacists** and physicians of infectious diseases) from June 2016 to September 2018 was designed



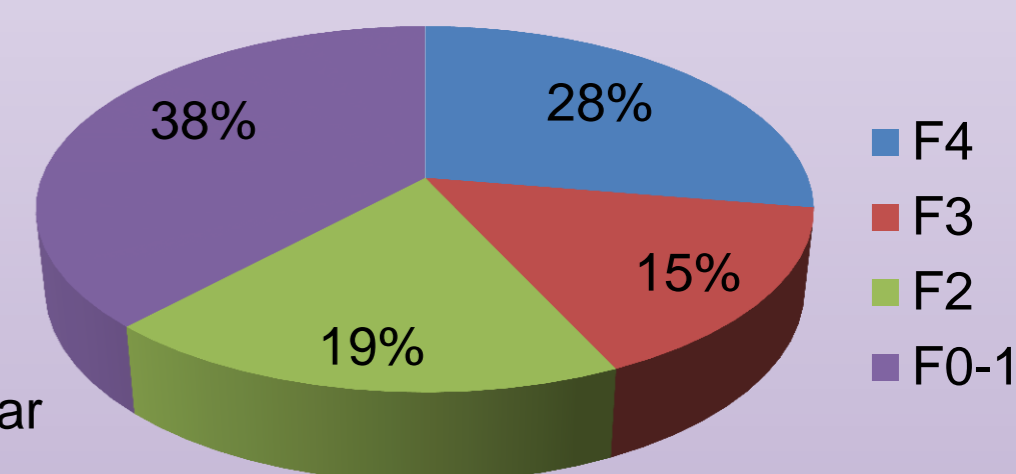
RESULTS

HCV serology tests: 2068 patients

181 patients HCV+



Hepatic fibrosis stage



- ✓ Gender: 125 (69.1%) males
- ✓ Patient type: 157 (86.7%) naïve
- ✓ HIC coinfection: 49 (27.1%) HIV/HCV coinfecting
- ✓ Therapy: 118 (65.2%) patients treated for 12 weeks
- ✓ Withdrawal treatments: 5 (2.8%)
- ✓ HCV recurrence: 4 (2.2%) patients

VARIABLES

Treatments	%
Glecaprevir/pibrentasvir	28.2%
Sofosbuvir/velpatasvir	22.7%
Elbasvir/grazoprevir	16%
Sofosbuvir/ledipasvir	13.8%

EFFECTIVENESS

136/143(95.1%) EOT

103/114(90.4%) SVR12

SECURITY

1 (0.5%) hepatic decompensation

1 (0.5%) death

CONCLUSION

1. The **multidisciplinary program** allowed diagnosed and treated **all PP** with HCV infection, although some **withdrawal treatments** were recorded. **2.** **EOT** and **SVR12** were achieved in the **most** patients. An AE leading a **death**.



<http://www.eahp.eu/24-4CPS-085>