



HIV/AIDS SITUATION IN SPAIN



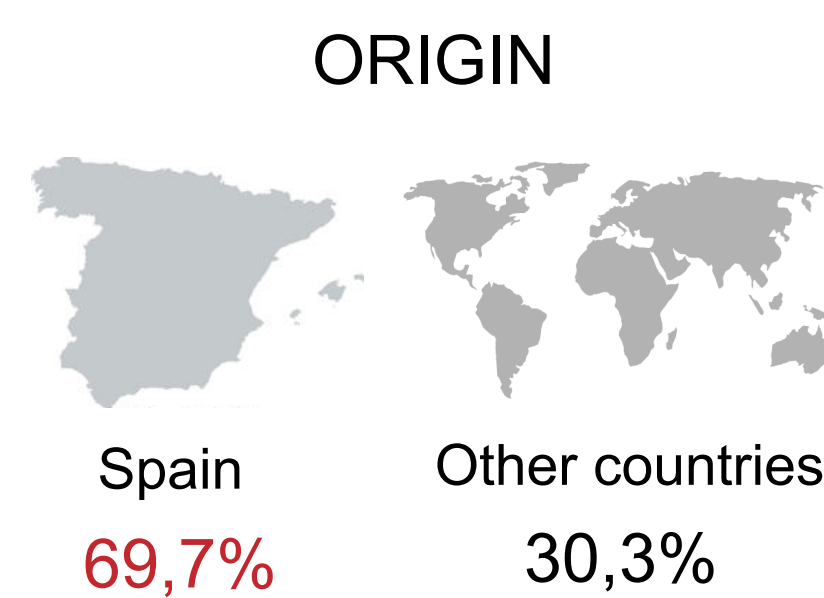
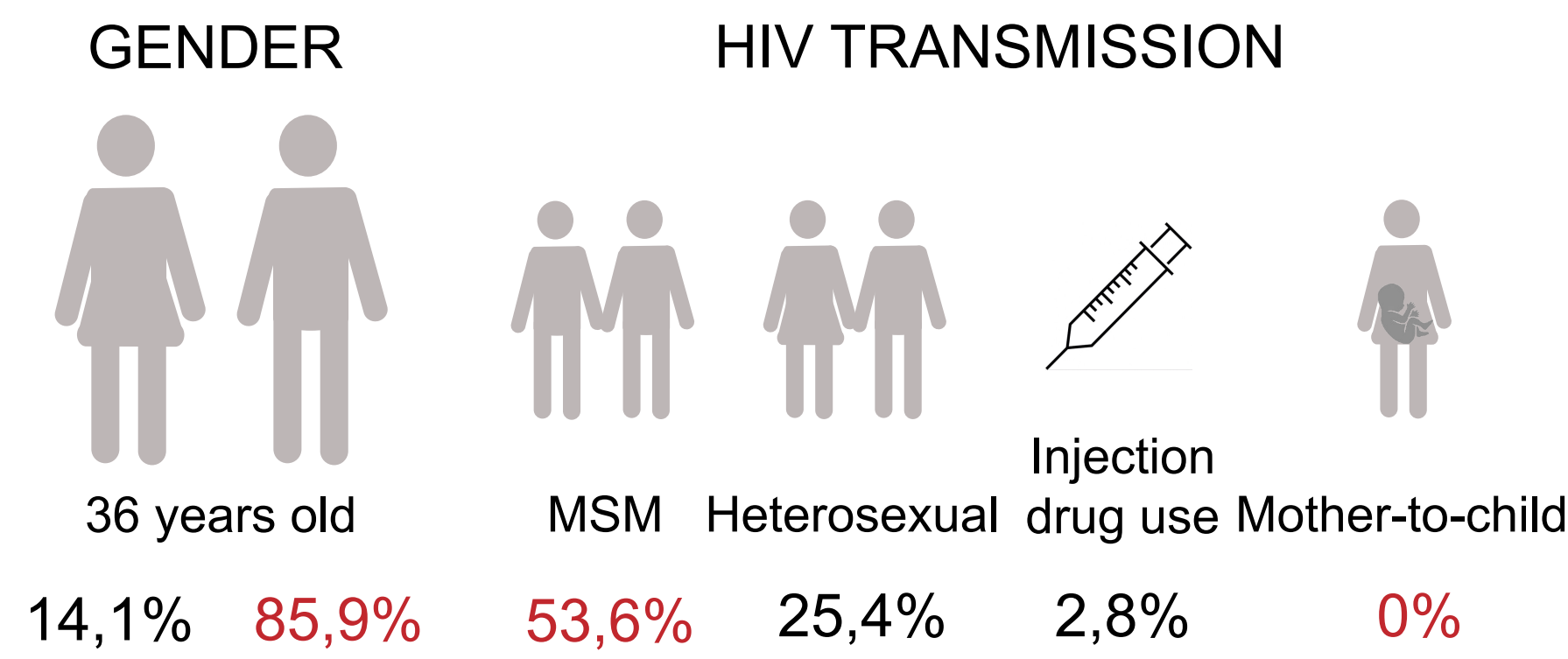
EACS HIV Summer School

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THE HIV/AIDS EPIDEMIC IN SPAIN

NEW HIV INFECTIONS IN SPAIN (2015)



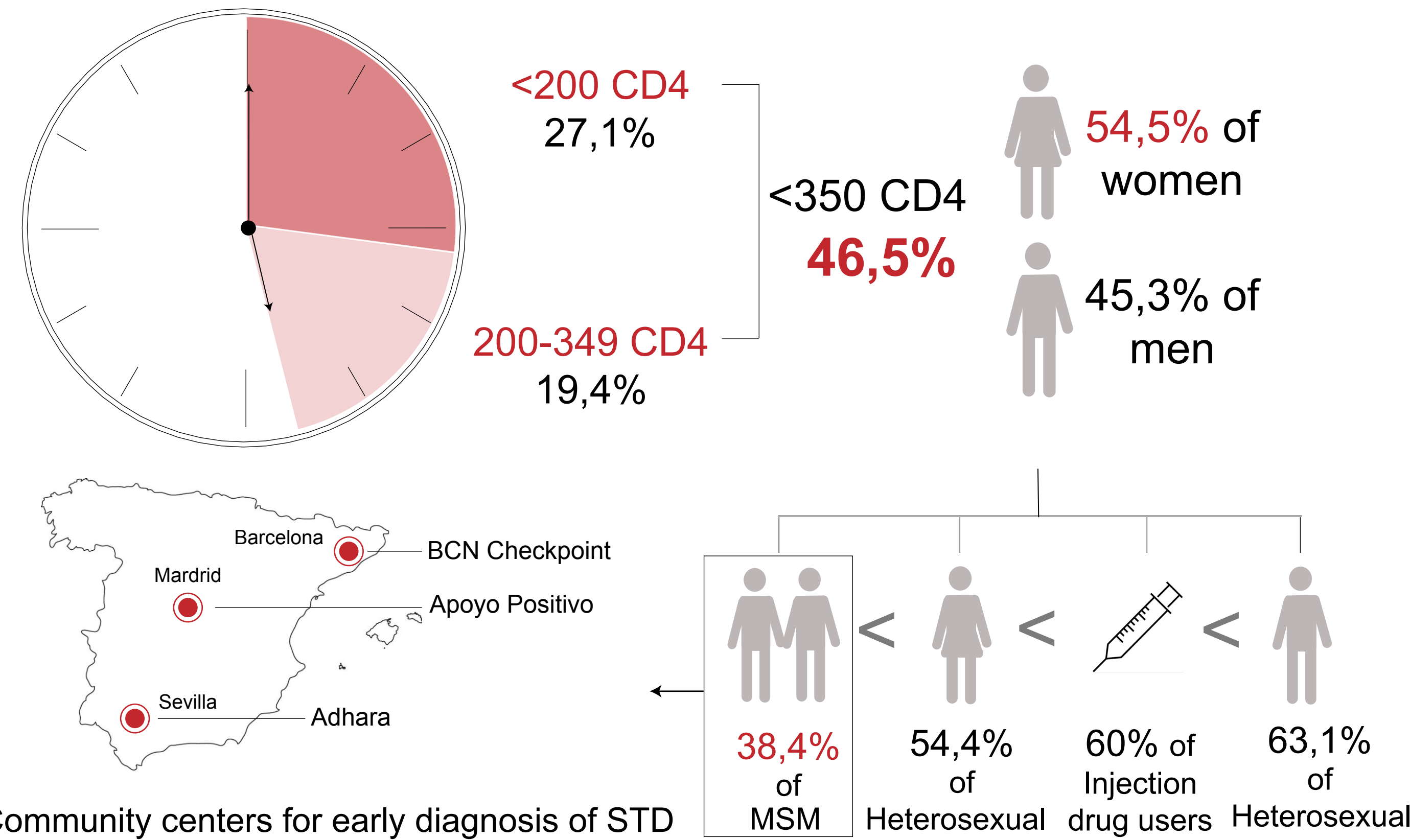
10 new cases per day
3.428 new HIV diagnosis in 2015
497 new AIDS diagnosis in 2015
140.700 people living with HIV
85.720 total AIDS diagnosis

New HIV/AIDS diagnosis in Spain according to gender, age, mechanism of HIV transmission and origin.

(Vigilancia epidemiológica del VIH y SIDA en España. Ministerio de Sanidad, Asuntos Sociales e Igualdad, Junio 2016)

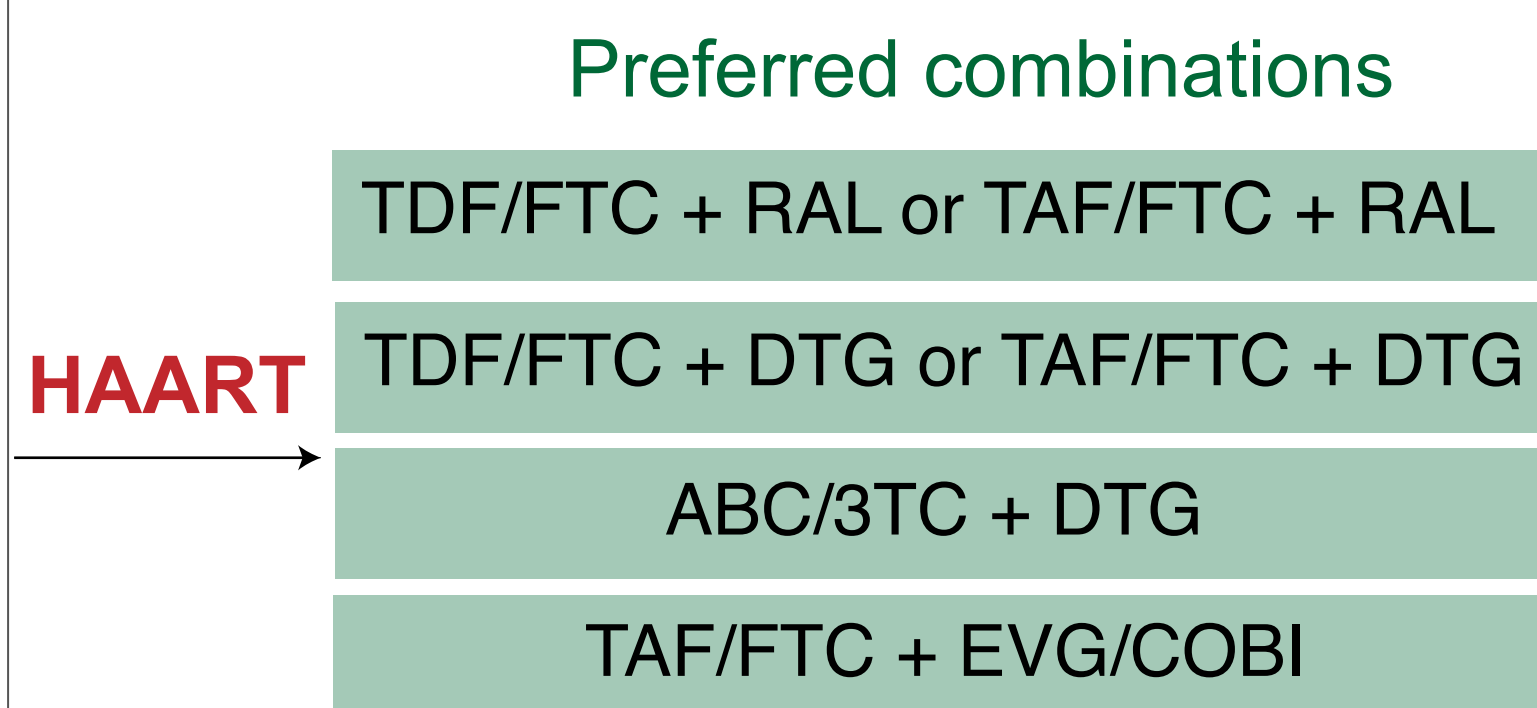
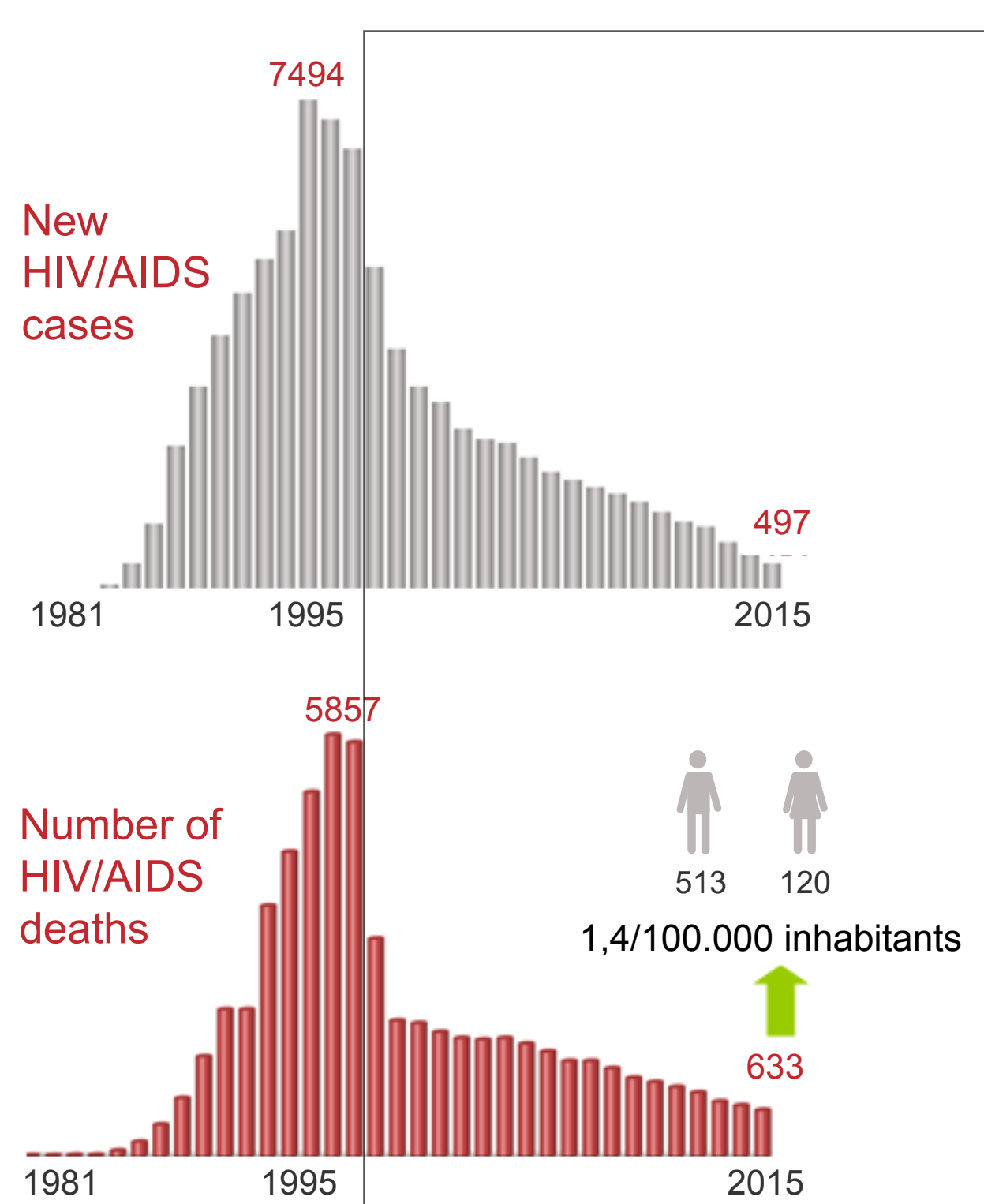
DELAY ON HIV DIAGNOSIS

In 2015, 46,5% of new HIV infected people presented a delayed HIV diagnosis.



Despite MSM represent the higher volume of new HIV infections, they have a lower delayed HIV diagnosis ratio. In Spain, there are three community centers that together with healthcare centers promote early diagnosis of STD on MSM.

CHANGES IN THE NATURAL HISTORY OF HIV



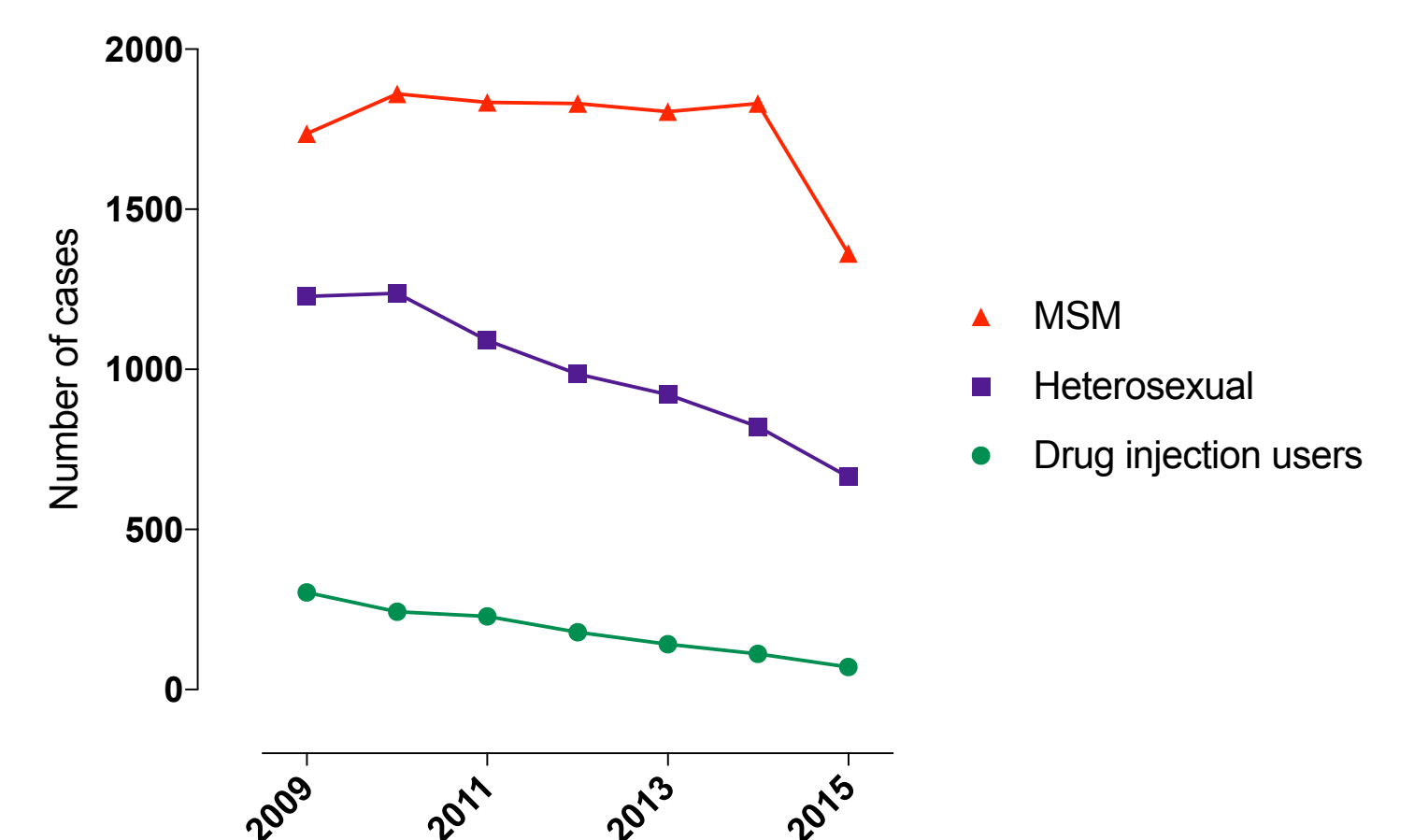
Alternatives

TDF/FTC + RPV
TDF/FTC + DRV/r
TDF/FTC + EVG/COBI

Since 1997, with the beginning of HAART there was a marked decline in the number of new HIV/AIDS diagnosis and the number of HIV/AIDS related deaths.

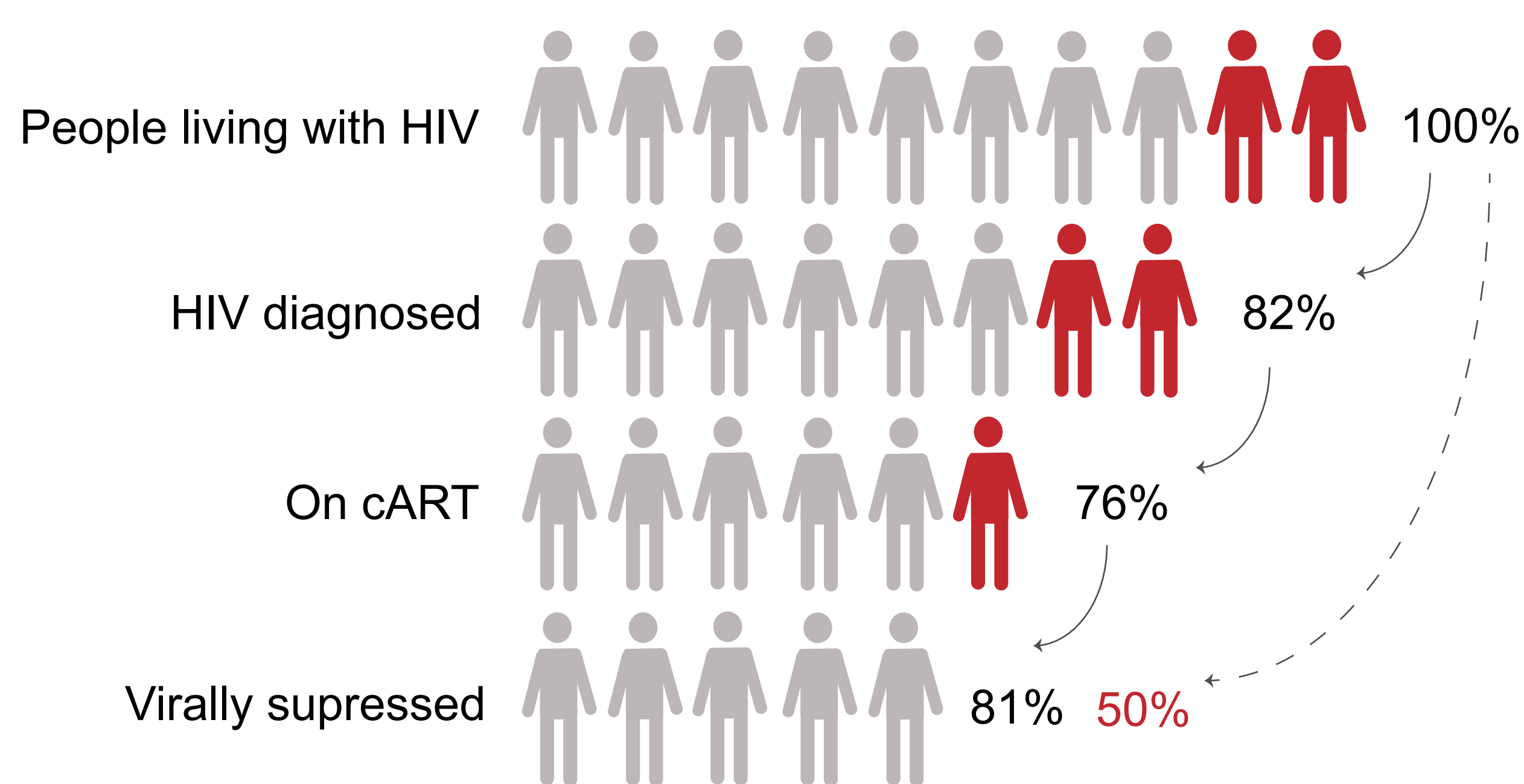
(Vigilancia epidemiológica del VIH y SIDA en España. Ministerio de Sanidad, Asuntos Sociales e Igualdad, Junio 2016)

EVOLUTION OF NEW HIV DIAGNOSIS ACCORDING TO THE MECHANISM OF TRANSMISSION



The rate of new HIV diagnosis decreases over time among drug injection users and heterosexual transmission, but remains stable for MSM until 2014.

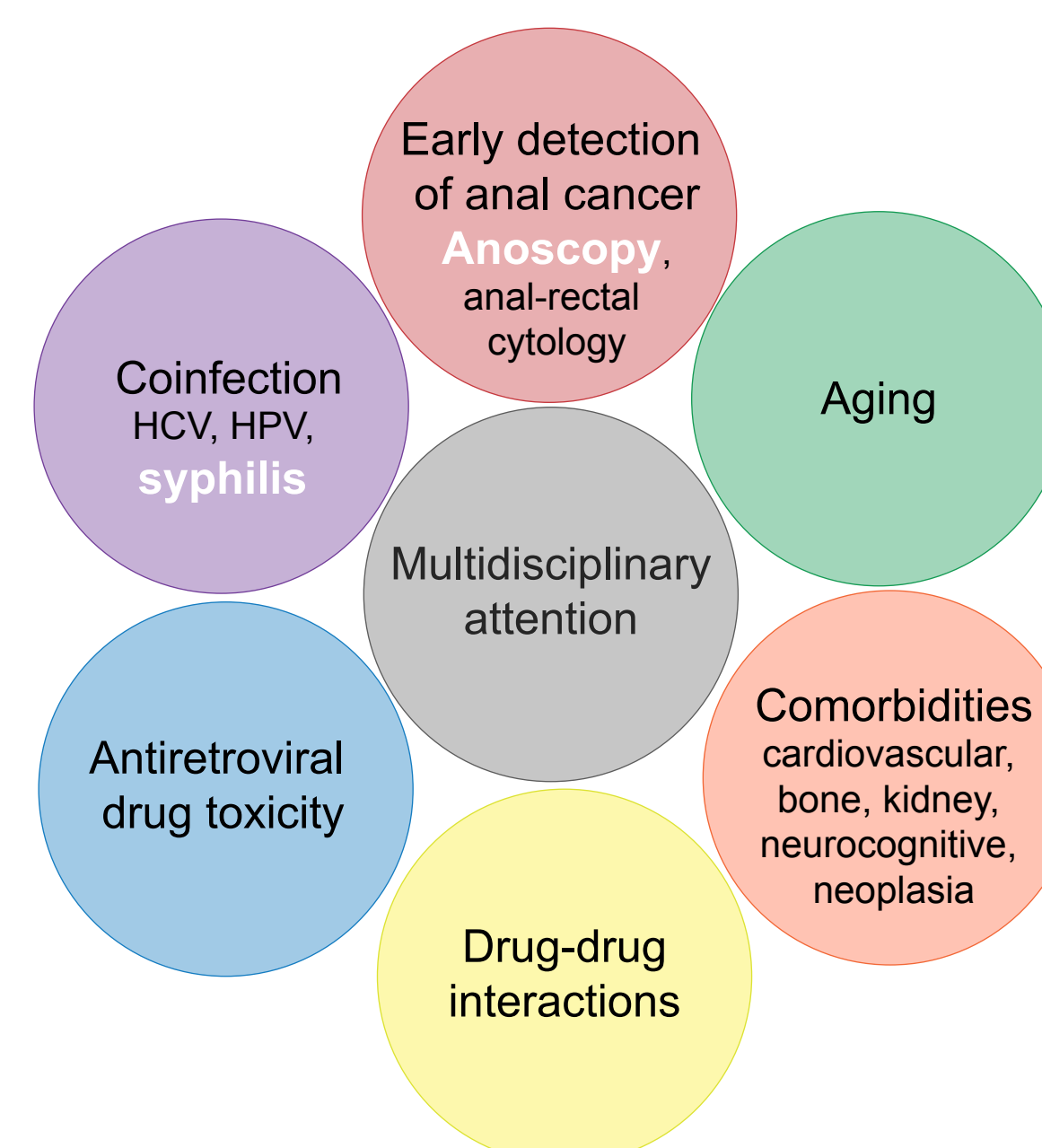
THE HIV TREATMENT CASCADE



An estimated 50% people living with HIV in Spain are virally suppressed.

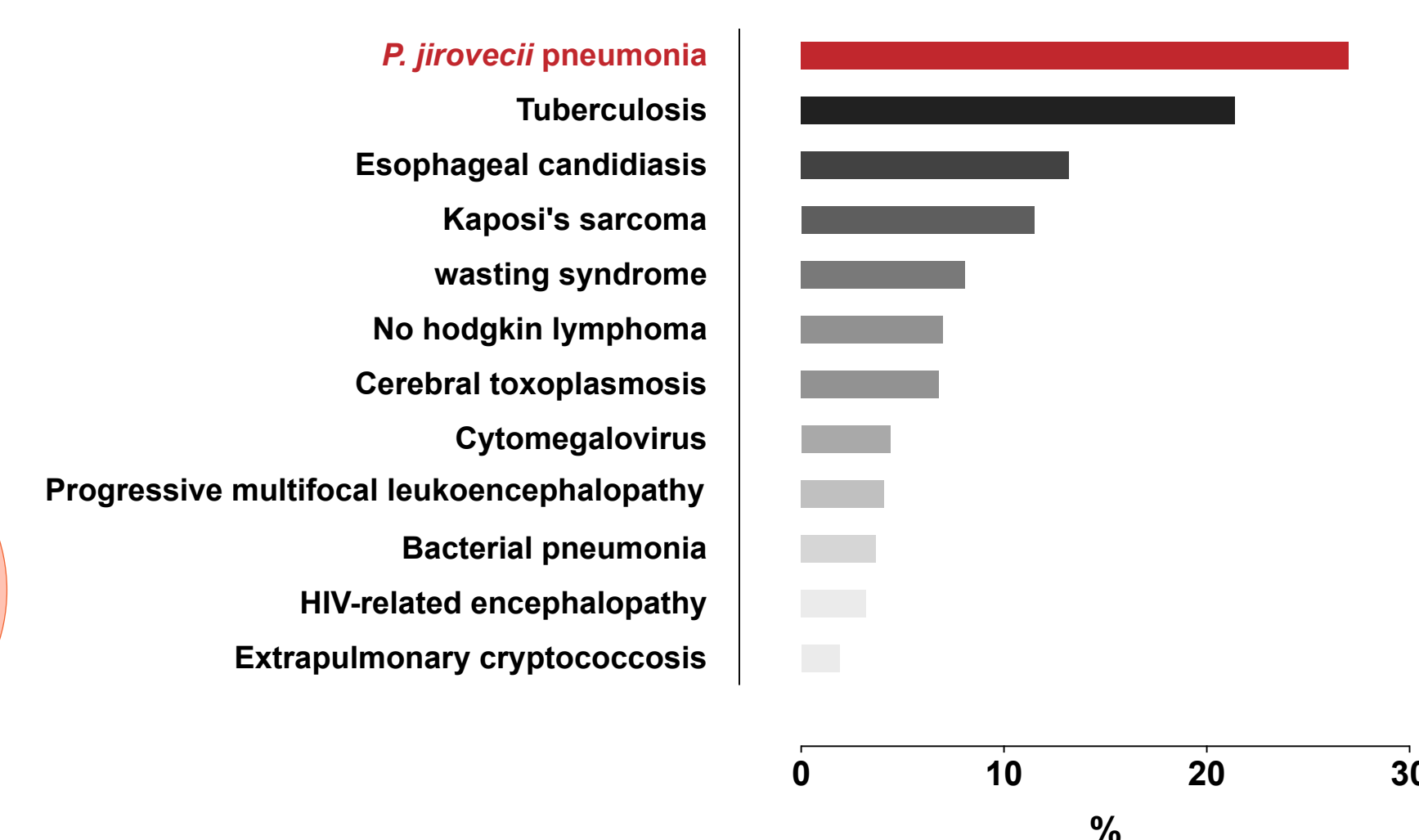
(Gourlay A. *et al.* CID; June 2017)

CLINICAL MANAGEMENT



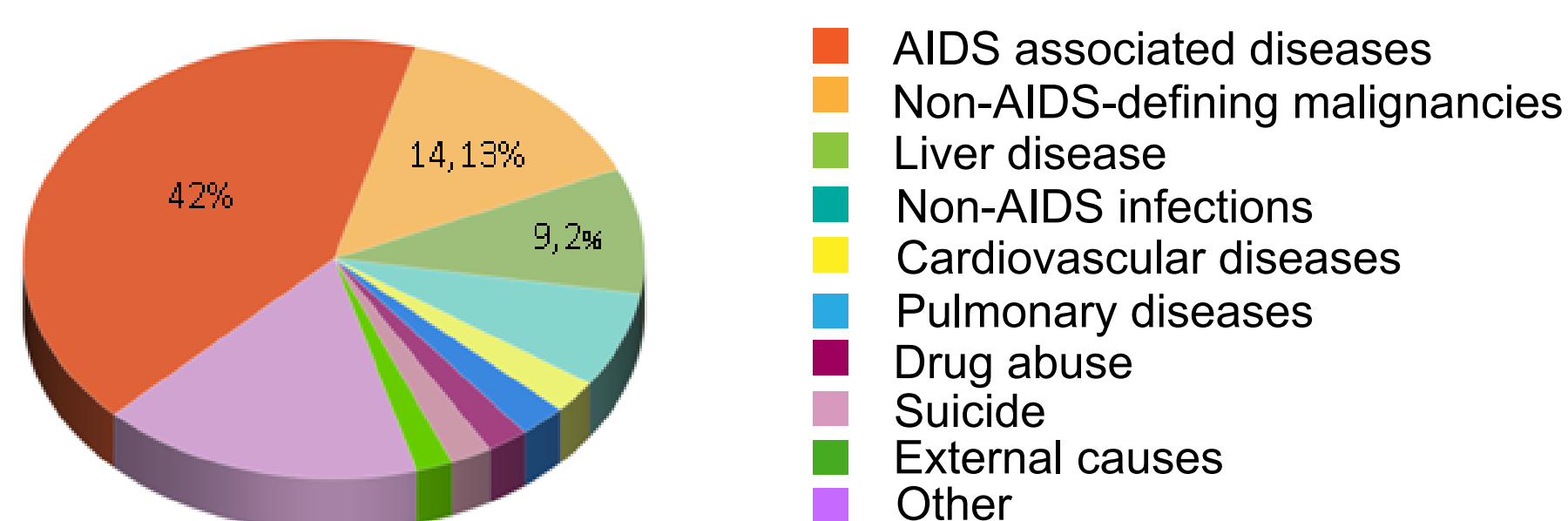
A multidisciplinary attention is offered to HIV infected patients, with special care to other STD and anal cancer detection.

AIDS RELATED DISEASES



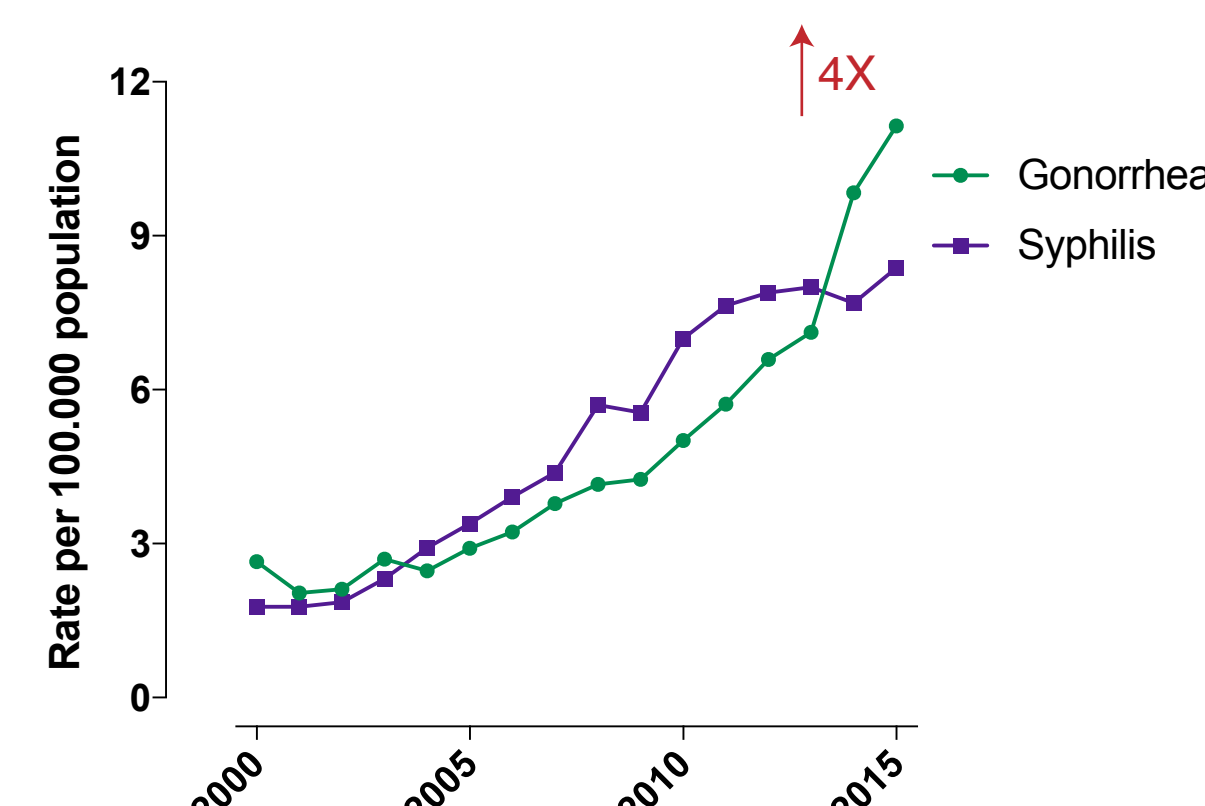
P. jirovecii pneumonia is the most frequent AIDS related disease (27%), followed by tuberculosis (21,4%) and esophageal candidiasis (13,2%).

MORTALITY CAUSES IN HIV INFECTED INDIVIDUALS



Overall, AIDS associated diseases, non-AIDS-defining malignancies and liver disease are the main causes of mortality in HIV infected individuals. (Alejos B. *et al.* Medicine (Baltimore); sep 2016).

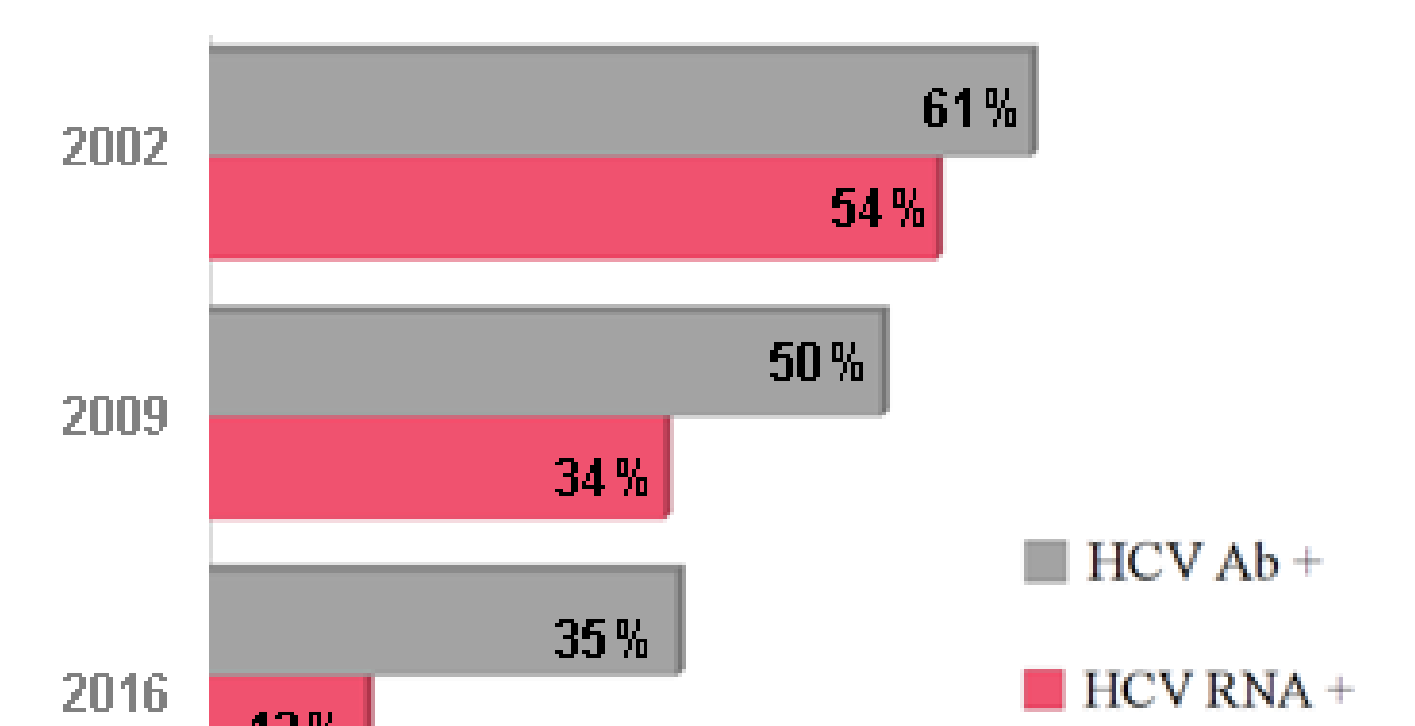
TRENDS IN SEXUALLY TRANSMITTED DISEASES



The incidence of gonorrhea and syphilis in the HIV population has increased 4-fold over the last 10 years.

(Vigilancia epidemiológica del VIH y SIDA en España. Ministerio de Sanidad, Asuntos Sociales e Igualdad, Junio 2016)

HIV/HCV COINFECTION



The incidence of HIV/HCV coinfection has dropped significantly due to the appearance of new antiviral drugs and the reduction of injection drug users.