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# REVIEW OF SPECIALTY GUIDELINES ON HIV TESTING RECOMMENDATIONS FOR HIV INDICATOR CONDITIONS IN SPAIN

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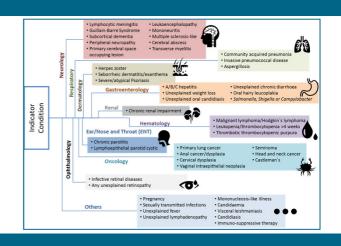
### **BACKGROUND/OBJECTIVE**

Implementation of the routine HIV testing in <u>AIDS defining conditions</u> (ADCs) and <u>other indicator conditions</u> (ICs) can help increase early diagnosis of persons with HIV infection so that these can benefit from antiretroviral treatment.

**OBJECTIVE:** To review the Spanish specialty guidelines for ADCs and ICs regarding HIV testing recommendations in Spain.

### **METHODS**

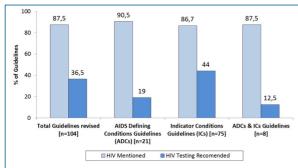
- The HIDES study "HIV indicator disease across Europe Study" identified: 25 AIDS defining conditions (ADCs) and 48 indicator conditions (IC) (figure).
- The Spanish specialty guidelines were identified using Specialty Societies, Associations, State Agencies or College websites and google.
- Each guideline was reviewed by two independent researchers.
- Each guideline was classified into one of two categories:
  - (1) HIV was mentioned in the guideline;
  - (2) HIV testing was recommended according to <u>"The Spanish Guide Recommendations for early diagnosis of HIV in the Health Sector"</u> Spanish Ministry of Health 2014.



#### **RESULTS**

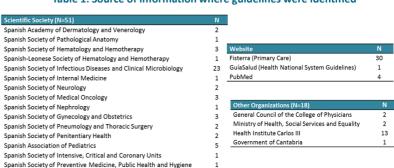
- A total of 104 guidelines were identified: 21 for ADCs, 75 for ICs and 8 for both.
- At least one guidelines (range 1-15) was identified for 60% (15) of ADCs and 69% (33) for ICs.
- <u>Pulmonary or extrapulmonary tuberculosis</u> was the one included in most guidelines (8) and <u>sexually transmitted</u> <u>infections</u> (15) were the ICs with the most guidelines.

Figure 1: Distribution of 104 revised guidelines according to HIV mention and HIV testing recommendation



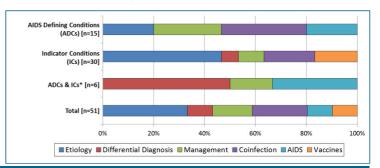
- Only 19% (n=4) of ADC guidelines and 44% (n=33) of ICs guidelines recommended HIV testing (figure 1).
- 54% (n= 56) of revised guidelines were updated in the last 6 years, only 3 guidelines were previous to 2000.

Table 1: Source of information where guidelines were identified



HIV infection was mentioned but was not recommended HIV testing in 51 guidelines. Figure 2 shows the different topic addressed in theses guidelines.

Figure 2: Distribution of topics addressed in the guidelines that DID NOT RECOMMED HIV TESTING, but MENTION HIV INFECTION



## **CONCLUSIONS**

- ☐ Most of the revised guidelines relating AIDS defining conditions and Indicator conditions in Spain discuss HIV infection but, the recommendation on HIV testing is scarce and insufficient.
- ☐ It is necessary to expand and improve the information available in all settings that involves increasing early HIV diagnosis.