

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

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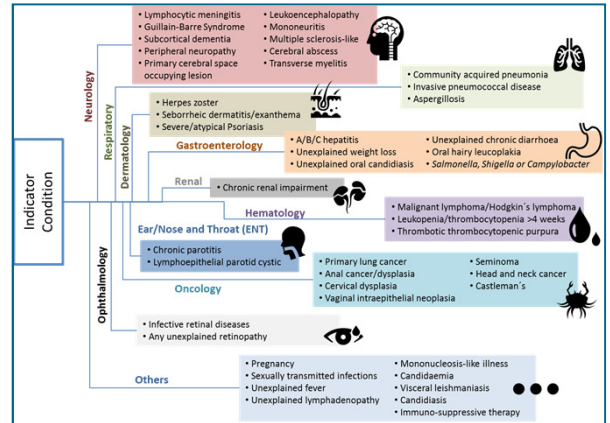
BACKGROUND/OBJECTIVE

Implementation of the routine HIV testing in AIDS defining conditions (ADCs) and other indicator conditions (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

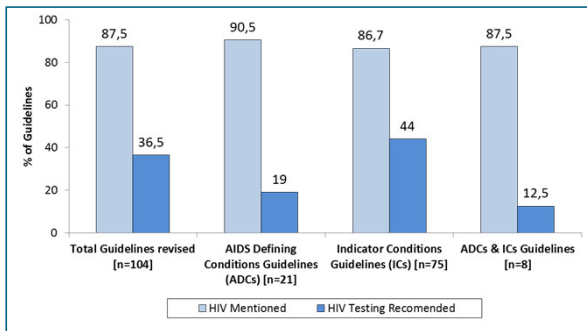
- The HIDES study "HIV indicator disease across Europe Study" identified: **25 AIDS defining conditions (ADCs)** and **48 indicator conditions (IC)** (figure).
- The Spanish specialty guidelines were identified using Specialty Societies, Associations, State Agencies or College websites and google.
- 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 "The Spanish Guide Recommendations for early diagnosis of HIV in the Health Sector" 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.
- Pulmonary or extrapulmonary tuberculosis was the one included in most guidelines (8) and sexually transmitted infections (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

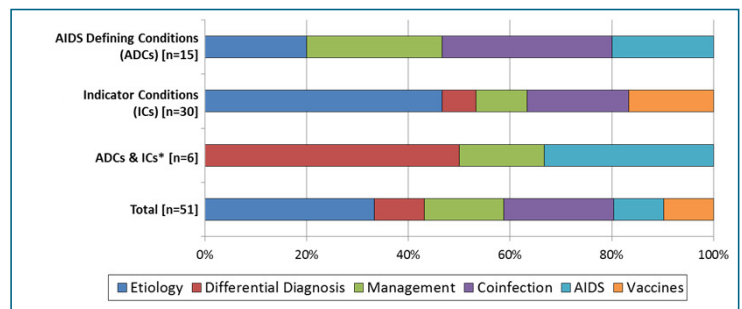
Scientific Society (N=51)	N
Spanish Academy of Dermatology and Venereology	2
Spanish Society of Pathological Anatomy	1
Spanish Society of Hematology and Hemotherapy	3
Spanish-Leonese Society of Hematology and Hemotherapy	1
Spanish Society of Infectious Diseases and Clinical Microbiology	23
Spanish Society of Internal Medicine	2
Spanish Society of Neurology	2
Spanish Society of Medical Oncology	3
Spanish Society of Nephrology	1
Spanish Society of Gynecology and Obstetrics	3
Spanish Society of Pneumology and Thoracic Surgery	2
Spanish Society of Penitentiary Health	2
Spanish Association of Pediatrics	5
Spanish Society of Intensive, Critical and Coronary Units	1
Spanish Society of Preventive Medicine, Public Health and Hygiene	1

Website	N
Fisterra (Primary Care)	30
GuíaSalud (Health National System Guidelines)	1
PubMed	4

Other Organizations (N=18)	N
General Council of the College of Physicians	2
Ministry of Health, Social Services and Equality	2
Health Institute Carlos III	13
Government of Cantabria	1

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

Figure 2: Distribution of topics addressed in the guidelines that DID NOT RECOMMEND 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.