Spanish Patient-Reported Outcomes in the 2005-2014 decade: the BiblioPRO periodic systematic review

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**AIM**

BiblioPRO is an online virtual library (bibliopro.org) of Patient-Reported Outcomes (PRO) in Spanish which offers:

- Basic information on more than 2000 instruments.
- Direct access to additional materials, such as manual, description, questionnaire and/or bibliography.
- Online requests for the sublicense for 300 of these instruments ( sublicense allows using an instrument while ensuring the author’s copyright is respected).

The objective of this study is to describe the main characteristics of the PRO instruments developed or adapted into Spanish in the 2005-2014 decade.

**METHODOLOGY**

A search strategy was designed for BiblioPRO to use in PubMed/Medline, which consisted in terms related to PROs and a geographic filter to limit the search to studies carried out in Spain.

The studied period was 2005-2014.

Titles and abstracts were reviewed by two experts, with discrepancy resolution by a third specialist.

Main characteristics of PRO instruments were extracted from selected publications:

- Construct measured
- Specific disease category (ICD-10)
- Age of target population
- Original language

**RESULTS**

15,073 titles were reviewed, identifying 1,264 PRO instruments.

The most frequently measured construct were symptoms (28.9%) and health-related quality of life (28.2%), followed by functional status, and treatment-related constructs.

A 70% of the instruments were disease-specific, the most frequent being those assessing mental health (41.2%), and nervous system (9.0%).

The target population was mainly adults, while 16.1% were designed for kids or adolescents and 8.8% for elders.

Most were adapted from English as original language, and 20.4% developed in Spanish.

**CONCLUSIONS**

Although most PRO instruments in Spanish were cross-cultural adaptations, there are instruments originally developed in Spain for several conditions.

The knowledge of PRO characteristics can facilitate the selection and use of the most suitable instrument for each objective and setting.