

# Reumatología Clínica

www.reumatologiaclinica.org

### Special Article

## Atlas of axial spondyloarthritis in Spain 2017: Study design and population



Marco Garrido-Cumbrera <sup>a,b,\*</sup>, Victoria Navarro-Compán <sup>c</sup>, Pedro Zarco <sup>d</sup>, Eduardo Collantes-Estévez <sup>e</sup>, David Gálvez-Ruiz <sup>a</sup>, Olta Braçe <sup>a</sup>, Jorge Chacón García <sup>a</sup>, Carles Blanch Mur <sup>f</sup>, Angels Costa Ferrer <sup>f</sup>, Alvaro Hidalgo Vega <sup>g</sup>, Pedro Plazuelo Ramos <sup>b</sup>, Jordi Gratacós Masmitja <sup>h</sup>

- a Health & Territory Research, Universidad de Sevilla, Seville, Spain
- <sup>b</sup> Spanish Coordinator of Associations of Spondylarthritis (CEADE), Madrid, Spain
- <sup>c</sup> Department of Rheumatology, University Hospital La Paz, IdiPaz, Madrid, Spain
- d Department of Rheumatology, Foundation Hospital of Alcorcón, Madrid, Spain
- e Department of Rheumatology, Reina Sofia University Hospital, Maimonides Biomedical Research Institute of Cordoba (IMIBIC), University of Cordoba, Cordova, Spain
- f Novartis, Barcelona, Spain
- g Universidad de Castilla-La Mancha, Toledo, Spain
- h Department of Rheumatology, Hospital Universitari Parc Taulí, Sabadell, I3PT, UAB, Spain

### ARTICLE INFO

Article history: Received 25 August 2018

Accepted 4 September 2018 Available online 3 October 2018

Kevwords:

Axial spondyloarthritis Burden of disease Healthcare management Patient perspective

### ABSTRACT

*Objective*: Atlas of Axial Spondyloarthritis in Spain 2017 aims to better understand the reality of the patients suffering from this disease from an integrated approach.

*Methods*: The Atlas 2017 based its results on an extensive cross-sectional patient survey conducted in Spain (2016), validated by a multidisciplinary group of experts on spondyloarthritis.

Results: Data from 680 patients with axSpA were obtained, most of them suffered from AS, were HLA-B27 positive, older than 45 years, and live as part of a couple. A large percentage had university studies, were disabled and members of a patient association. Patients reported a diagnostic delay of 8.5 years, high disease activity (BASDAI  $5.5 \pm 2.2$ ), moderate-important stiffness (61.0%), medium-high functional limitation (74.9%), and psychological distress (GHQ  $5.7 \pm 4.5$ ). A total of 54.7% reported taking NSAIDs, 28.4% DMARDs, 36.3% biological therapy and 32.2% were not receiving pharmacological treatment.

Conclusions: The Atlas survey data reveals still a long diagnostic delay, high disease activity, psychological distress, while an important proportion could be undertreated.

© 2018 Elsevier España, S.L.U. and Sociedad Española de Reumatología y Colegio Mexicano de Reumatología. All rights reserved.