

Pedro Zarco¹, Raquel Almodóvar¹, Lucía Silva², María Teresa Navío³, Savana Research Group⁴, Diego Benavent⁴.

1. University Hospital Fundación Alcorcón, Madrid, Spain. 2. Hospital Son Espases, Baleares, Spain. 3. University Hospital Infanta Leonor, Madrid, Spain. 4. Savana Research, Madrid, Spain

OBJECTIVE

To describe the demographic and clinical characteristics of Rheumatoid Arthritis (RA) patients and assess treatment regimens and healthcare resource utilization using Natural Language Processing (NLP)-based analytics on Electronic Health Records (EHRs)

MATERIAL AND METHODS

Multicentre, retrospective, and observational study based on the secondary used of data included in EHRs of adult RA patients.

This study used *EHRead*[®], an innovative technology that applies NLP and machine learning to extract, organize, and analyse the unstructured clinical information jotted down by health professionals in patients’ EHR from the three participating hospitals.

