

Study Results: Collection of anti-rheumatic medication data from both patients and rheumatologists shows strong agreement in a real world clinical cohort

Authors: Movahedi M, Cesta A, Li X, Bombardier C, and OBRI Investigators

Abstract: In order to get a holistic picture of medication use, it is important to collect data from both patients and their rheumatologists. Although reports of medication use should be the same from both patient and rheumatologist, sometimes differences are reported. This study assessed agreement between patient-reported and rheumatologist-reported medication use. Patients enrolled in OBRI who had a patient interview within 60 days of seeing their rheumatologist were included. In total, 2,862 patients were included, of which 78.1% were female. Statistical methods were applied to determine the level of agreement between reported medication use, and any factors associated with agreement. Results indicated high overall agreement between patient-reported medication use and physician-reported medication use within the OBRI clinical cohort. Factors contributing to higher agreement were older age, higher annual household income, having a female rheumatologist, and/or a rheumatologist who works within an academic setting. The only factor associated with lower agreement was higher disease activity.