Disclosure of Interests: Asmir Vodenacarevic Shareholder of: Siemens Healthcare GmbH. Siemens Healthcare GmbH is a medical technology company (NOT a pharmaceutical company),. Employee of: Siemens Healthcare GmbH. Siemens Healthcare GmbH is a medical technology company (NOT a pharmaceutical company),. Koray Tascilar: None declared, Fabian Hartmann: None declared, Michaela Reiser: None declared, Sara Bayat: None declared, Koray Tascilar: None declared, Fabian Hartmann: None declared, Novartis, Larissa Valor: None declared, Melanie Hagen: None declared, Axel Novartis, Johannes Knitza Grant/research support from: Research Grant: declared, Michaela Reiser: None declared, Sara Bayat Speakers bureau: [2]

Background: RA is traditionally described as a symmetric polyarthritis. The ACR/EULAR 2010 criteria are met if patient has high positive ACPA, symptoms >=6 wks and one small joint swollen. The public and all steps of health care have been informed for many years that RA should be found early.

Objectives: To study variations in pattern on first presentation of RA.

Methods: All patients with the new diagnosis of RA were extracted from the GoTreatIT clinical database between 2008 to 2019 at a single RA clinic that covered a population of 250,000. Demographic data, clinical variables, labs, x-rays, joint status and PROs at baseline were included in the analysis. Appropriate parametric/non-parametric tests were used to study differences between groups.

Results: A total of 1044 (73.5% CCP+) patients with no prior diagnosis of RA were included: 683 (65%) female, mean age 56 361 (35%) male, mean age 61. At initial presentation in 2008, 60% had >=6 swollen joints (Figure) and a mean DAS28 of 4.4 compared to 22% and 3.8 respectively, in 2019 (p<0.007). Duration of symptoms prior to diagnosis decreased from 6 to 4 months (p=0.033), and the proportion of patients with erosions from 20% in 2008 to 14% in 2019 (ns). Symptoms (PROs) such as pain, fatigue and global health were similar/slightly worse in 2019 compared to 2008.

Conclusion: RA cannot be marketed as “symmetric polyarthritis”, as more than half of the patients have a maximum of 2 swollen joints at the time of diagnosis at the most recent years. Patients with RA can be identified earlier, with less disease activity and damage, compared to previous years.

Disclosure of Interests: None declared

DOI: 10.1136/annrheumdis-2020-eular.2652

SAT0057

INITIAL PRESENTATION OF RHEUMATOID ARTHRITIS (RA) – IS IT STILL “SYMMETRIC POLYARTHRITIS”? T.

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DOI: 10.1136/annrheumdis-2020-eular.1553