Objectives: REUMAVID aims to assess the impact of the COVID-19 pandemic and lockdown on the wellbeing, mental health, disease activity and function, access to health care and treatment, support services, and hopes and fears of people RMDs.

Methods: REUMAVID is an international collaboration led by the Health & Territory Research group at University of Seville, Spain, together with a multi-disciplinary team including patient organization and rheumatologists. This cross-sectional study consisting of an online survey gathering data from patients with a diagnosis of 15 RMDs in Cyprus, France, Greece, Italy, Portugal, Spain and the United Kingdom. Participants are recruited by patient organizations. Data is collected in two phases: 1) during the first peak of the COVID-19 pandemic (Spring 2020), and 2) as a follow-up to the pandemic (Winter 2020). This analysis presents descriptive results of the aggregated data, summarizing continuous and categorical variables.

Results: A total of 1,800 RMD patients have participated in the first wave of the COVID-19 pandemic (from early April to mid-June 2020). The most frequent reported diagnosis were axial spondyloarthritis (37.2%), rheumatoid arthritis (29.2%) and osteoarthritis (17.2%). Mean age was 52.6 ± 13.2 , 80.1% were female, 69.6% were in a relationship or married and 48.6% had university studies. In total, 1.1% had tested positive for COVID-19, 10.8% reported symptoms but were not tested, while 88.1% did not experience any symptoms. 46.6% reported worsening health during the pandemic. 63.9% perceived their health status to be "fair to very bad". Access to care was limited with 58.4% being unable to keep the rheumatologist appointment, of which, 35.2% were cancelled by the provider and 54.4% was attended by phone or online. 15.8% changed their medication, for which 65.5% were changed by the provider and 24.6% by own decision. Reported wellbeing and psychological health during the pandemic was poor, with 49.0% reporting poor wellbeing according to the WHO-5 scale, 57.3% marking as anxiety and 45.8% as depression in the HADS scale. During the pandemic, 24.6% smoked and 18.2% drank more than before and 54.5% were unable to exercise at home.

Conclusion: Results from the first phase of REUMAVID show disturbance of the healthcare quality, substantial changes in harmful health behaviors and an unprecedented impairment of mental health in REUMAVID participants. REUMAVID will continue to collect information in order to assess the impact of the COVID-19 pandemic in people affected by RMDs across Europe.

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POS1176 THE IMPACT OF COVID-19 QUARANTINE ON MENTAL HEALTH OF PATIENTS WITH FIBROMYALGIA

E. Ingegnoli¹, M. Buoli², C. Posio³, R. Di Taranto¹, R. Caporali¹. ¹Università degli Studi di Milano, Division of Clinical Rheumatology, ASST Pini, Department of Clinical Sciences & Community Health, Research Center for Adult and Pediatric Rheumatic Diseases, Milano, Italy; ²Università degli Studi di Milano, Department of Pathophysiology and Transplantation, Department of Neurosciences and Mental Health, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milano, Italy, Milano, Italy; ³Università degli Studi di Milano, Department of Pathophysiology and Transplantation, Milano, Italy

Background: Detrimental psychological effects, including symptoms of post-traumatic stress disorder (PTSD), stress, anxiety, and depression have been related to COVID-19 quarantine measures (1). These aspects may be particularly relevant in stress-related disorders such as fibromyalgia (FM) in which

previous evidence demonstrated a causal effect of psychological stressors on chronic non-inflammatory pain of FM (2). Recent studies highlighted a significant worsening of FM symptoms after COVID-19 related lockdown period (3-4), but the levels of perceived stress and distress have not been evaluated yet.

Objectives: The aim of this study is to establish the COVID-19 related perceived stress and distress among patients with FM who experienced the COVID-19 quarantine in Italy. Data were retrieved from a larger nationwide online survey involving patients affected by different rheumatic diseases (RD).

Methods: We collected data from May to September 2020 from RD patients living in Italy during the COVID-19 quarantine by an ad-hoc online survey. Eleven associations of RD patients sent a call by using their mailing list, webpages and social network. They asked to complete an anonymous online survey which included the Perceived Stress Scale (PSS), and the Impact Event Scale-Revised (IES-R). Descriptive statistics were used to summarize results.

Results: 79 of 507 (15.6%) of RD patients who completed the survey declared to have been diagnosed FM. 77 (97.5%) were females, with a mean ($\pm$ SD) age of 51.0 ± 12.4 yrs. In FM patients, the mean (SD) PSS score was 23.8 ± 8.1 . In particular, 8 (10.1%) reported low, 38 (48.1%) moderate and 33 (41.8%) high PSS scores. Moreover, IES-R mean (SD) score was 38.5 ± 17.2 . Among FM patients, 51 (64.6%) reported scores greater than 33, indicating the probable presence of a PTSD. With regard to the IES-R subscale scores, the total sample did not show a prominence of one of the three main domains: intrusion (13.9 ± 7.3), avoidance (11.9 ± 6.1) and hyperarousal (12.6 ± 5.9). In these FM patients, self-reported major sources of anxiety were related to personal and relatives' health (59.5%), followed by social withdrawal (21.5%) and employment loss/financial difficulties (11.4%). There was a slight increase of self-reported use of antidepressants (15 [18.9%] vs 16 [20.2%]) and anxiolytics drugs (4 [5.1%] vs 5 [6.3%]) after lockdown period.

Conclusion: These results confirm that psychosocial stress and distress were highly pervasive in FM after COVID-19 national lockdown. It is known that stressed status may exacerbate and/or precipitate later development of FM symptoms. These data support the substantial worsening of somatic burden of FM after lockdown period reported in previous studies (3-4). Coping strategies should be implemented to ameliorate psychological well-being of these patients in this stressful era.

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POS1177 REVAMPING BIOLOGIC THERAPY DURING COVID-19

S. Ahmed Narikkootungal¹, A. Siddiqui¹, A. Constantin¹, S. Farrow¹, K. Ahmed¹. ¹Princess Alexandra Hospital, Department of Rheumatology, Harlow, United Kingdom

Background: The COVID-19 pandemic has caught us all by surprise – from governments to individuals; the medical fraternity being no exception. It has affected all walks of life; with its immense contagiousity, diverse and intriguing pathogenesis and manifestations differing from other viruses. It has indeed left humanity in dark, uncharted waters; particularly in the early months of the pandemic.

Objectives: This article shares the experience, in a Rheumatology department in a District General Hospital (DGH) in the United Kingdom, of managing patients on Biologic (b) and Targeted Synthetic (ts) DMARDs, in the midst of the COVID-19 Pandemic.

Methods: All Rheumatology patients at the Princess Alexandra Hospital (PAH) in Harlow newly started on a biologic or targeted synthetic DMARD between 3rd July and 3rd Oct 2020 were identified. These patients had active inflammatory arthritis. Each patient was discussed in a dedicated Multi-Disciplinary Team (MDT) meeting and a consensus on treatment reached in-line with local and National guidelines.