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**AB1333-HPR** FIBROMYALGIA SYNDROME IN MEDICAL STUDENTS
I. Akcin1, M. Gur2, R. Piskin Sagı3, B. Od2, A. Karataş4, S. S. Koca4.1. Firat University, Elazığ, Turkey; 2Firat University, Rheumatology, Elazığ, Turkey

**Background:** At the university, students begin to be responsible for their own life decisions and lifestyles. First year students are required to adapt especially to a new learning environment and to cope with the academic and social demands of university life. Academic high expectations are stressful and can pose a risk to students mental and physical health. Anxiety and depression are among the most common psychiatric problems among students.

**Objectives:** The aim of this study is to evaluate the prevalence of fibromyalgia syndrome (FMS) in medical students and to compare students from engineering faculty.

**Methods:** 392 (284 faculty of medicine, 108 faculty of engineering) students selected from Firat University Faculty of Medicine and Engineering were included in the study. Hospital Anxiety and Depression Scale (HADS) forms were filled in for all participants. Anxiety and depression among students of medical and engineering were examined. Moreover, 2016 ACR FMS classification criteria was used to select the student who have FMS.

**Results:** In our sample, 185 (47.1%) and 207 (52.9%) of participants were male and female, respectively. HADS anxiety and HADS depression scores were significantly higher in engineering students than in medical students (mean HADS anxiety and depression scores were 9.07, 10.29, p= 0.007 and 7.61, 8.52, p= 0.039, respectively). While a significant difference was found among medical and engineering students in term of HADS anxiety and depression scores in men (p=0.001 and p=0.006), no significant difference was found in women (p=0.676 and p=0.278). On the other hand, 46 (16.1%) of medical students and 13 (11.7%) of students from engineering faculty have FMS (p=0.170).

**Conclusion:** FMS prevalences are similar in the medical students and students from engineering faculty. However, anxiety and depression are more common among male engineering students than medical students. This may be related to future employment anxiety among students from engineering faculty.

**References:**

**Disclosure of Interests:** None declared DOI: 10.1136/annrheumdis-2020-eular.5842

**AB1334-HPR** BARRIERS AND FACILITATORS TO PHYSICAL ACTIVITY IN JUVENILE IDIOPATHIC ARTHRITIS (JIA): A SCOPING REVIEW

K. O Donoghue1, L. Larke2,3.1. University of Limerick, Limerick, Ireland; 2Health Research Institute, University of Limerick, Castletroy, Ireland; 3University of Limerick, School of Allied Health, Faculty of Education & Health Sciences, Castletroy, Ireland

**Background:** Physical activity is an important aspect in the management of JIA (1). However physical activity levels are low in this population (2). Limited research has been conducted to identify definitive barriers and facilitators to physical activity in children and adolescents who have JIA.

**Objectives:** The objective of this scoping review was to identify the common barriers and facilitators to physical activity in JIA.

**Methods:** Original studies, either quantitative or qualitative, including participatory research articles on physical activity in children with JIA were included in the review. To identify barriers and facilitators to physical activity, the included articles were read in full. Data extraction was performed using a standardised data extraction form.

**Results:** Eighteen studies were included in the review. The included studies were of a variety of low, moderate and high quality. The synthesis of the data identified pain to be the most common barrier and the modification of physical activities to the need of the individual to be the most common facilitator to physical activity in JIA.

**Conclusion:** Identifying the most common barriers and facilitators to physical activity allows clinicians to apply better management strategies when treating an individual with JIA. Our findings demonstrate the need for further research in this area to assist increasing physical activity participation for children and adolescents who have JIA.

**References:**

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**AB1335-HPR** HEALTH PROFESSIONALS’ PERSPECTIVE ON THE BENEFITS AND RISKS OF LOW-DOSE GLUCOCORTICOIDS IN RHEUMATOID ARTHRITIS – AN INTERNATIONAL SURVEY OF 444 HEALTH PROFESSIONALS

T. Santiago1,2, M. Voshaar2, M. De Wit3, P. Carvalho4,5,6, M. Boers3, M. Cutoio7, F. Buttgeriei8, J. A. P. Da Silva9,2,1, Centro Hospitalar e Universitário de Coimbra, Rheumatology, Coimbra, Portugal; 2University of Coimbra, Faculty of Medicine, Coimbra, Portugal; 3University of Twente, Department of Psychology, Health and Technology, Enschede, Netherlands and Stichting Tools Patient Empowerment, Amsterdam, Netherlands; 4Stichting Tools Patient Empowerment, Amsterdam, Netherlands; 5Centro Hospitalar Universitario do Algarte, Rheumatology, Faro, Portugal; 6Lisbon Academic Medical Centre, Lisbon, Portugal; 7Algarve Biomedical Center, Faro, Portugal; 8Department of Epidemiology and Biostatistics; and Amsterdam Rheumatology and Immunology Center, Amsterdam University Medical Centers, Vrije Universiteit, Amsterdam, Netherlands; 9Research Laboratory and Academic Division of Clinical Rheumatology, Department of Internal Medicine, University of Genova, IRCCS Policlinico San Martino, Genova, Italy; 10Department of Rheumatology and Clinical Immunology, Charité University Medicine Berlin, Berlin, Germany

**Background:** The Glucocorticoid Low-dose Outcome in Rheumatoid Arthritis Study (GLORIA) is an international investigator-initiated pragmatic randomized trial designed to study the effects of low-dose glucocorticoids (GCs) in elderly patients with Rheumatoid Arthritis (RA). The research team is also committed to promote a better understanding of the risks and benefits of these drugs among health professionals and patients. In order to achieve these goals, it is important to assess the current ideas and concerns of patients regarding GCs.

**Objectives:** To evaluate the current patient perspective on the efficacy and risks of GCs in RA patients who are or have been treated with GCs.

**Methods:** Patients with RA completed an online survey with 5 closed questions regarding efficacy and safety) presented in their native language. RA patients were recruited through a variety of patient organizations representing three continents. Patients were invited to participate through national patient organizations. In the USA, patients were also invited to participate through MedGuard.org. Participants were asked for their level of agreement on a 5-point Likert scale.

**Results:** 1344 RA patients with exposure to GCs, from Brazil, USA, UK, Portugal, Netherlands, Germany and 24 other countries** participated: 89% female, mean age (SD) 52 (14) years and mean disease duration 13 (11) years. The majority of patients (84%) had ≥10 years of education. The duration of GCs exposure was 1.6 (4.2) years. The majority of participants had read articles or pamphlets on the benefits or harms of GC therapy. Regarding GCs efficacy (table 1), high levels of endorsement were found: about 2/3 of patients considered that GCs as very useful in their case, more than half considered that GCs were effective even at low doses, and agreed that GC improved RA symptoms within days.