SP0185

**DON'T DELAY, CONNECT TODAY IN TWELVE VIDEO'S:
HOW TO GET EARLY DIAGNOSIS OF RMD'S ON THE
TABLE IN POLAND***Jolanta Grygielska. Polish Rheuma Federation 'REF', National Board, Warsaw, Poland*

Background: Early diagnosis and appropriate treatment is a mile stone in future progress of rheumatic and musculoskeletal disease (RMD), especially inflammatory. We know from our experiences that delays of diagnosis are connected with knowledge and attitude of patient, of primary care physician (fast referral to rheumatologist) and with access to rheumatologist. New EULAR campaign "Don't delay, connect today" gives an opportunity to pay attention to the problem of RMDs, increase public awareness and remind persons about responsibility for their own health.

Objectives: Aim of our project was to increase public awareness about RMDs and self-awareness of patients, to present how important is a role of everybody being face to face with progressing disease. It was most important to reach to younger people believing that rheumatic diseases are typical only for older people. Lack of knowledge about RMDs and faith in myths are a first step to loose a time from first symptoms of diseases to appropriate diagnosis. The first step was translation of EULAR campaign slogan into Polish and preparing of Polish version of logo. It was done very fast after launching EULAR campaign.

Methods: We have many ideas which subject are more important for people around diagnosis. We decided to start with choice of subjects and connecting them with the first letter of Polish names of months. We tried to order them in logical process: from self-awareness to the sin of neglect though subject like for example medicine, physician, medication, choice, love, return. After decision about subjects we invited speakers for every subject. There were rheumatologists from National Institute of Geriatrics, Rheumatology and Rehabilitation in Warsaw and from other rheumatological clinics in Poland, mainly co-operating with our member associations. Every invited speaker received only a subject and main message to present in his/her film. Form, place and comments were suggested by speaker and discussed with a team preparing videos. Part of films were supported with our regional member associations. Forms of videos prepared in regions were decided by associations. In two films members of associations present their opinions and experiences to give a strength for new rheumatic persons to live with RMD and avoid unnecessary health situations. One video was enriched by physical exercises presented by students of physiotherapy under supervise of rheumatologist. All videos were filmed and prepared by our member, translation was done by another our member - both are professionals on their fields and with experiences of living with RMD. It gives added value to our campaign. After that videos were posted on our channel on YouTube and information about them was shared by our websites, facebook and Twitter. We sent information by e-mail to our colleagues and supporters. We invite every viewer to subscribe our channel to have easy access to our newest films.

Results: "Video for every month" is a series but every video can be used separately. Order of videos watching can be optional according to the viewer's choice. At the same time when videos were posted one by one, project on early diagnosis of rheumatoid arthritis supported by European funds and with our partnership start in Poland. Thanks to this our message "Don't delay, connect today" is stronger. Parallel our new project "RA - don't resign" starts from World Arthritis Day 2018. All actions give an occasion to focus on early diagnosis and appropriate treatment of RMDs.

Conclusion: Every aim can be achieve in co-operation and engagement of main players. We involve in our project members of regional associations, rheumatologists, students. During realization of other projects we used every occasion to share information about our videos. All subjects of videos are overtime. Every patient with RMD can receive new knowledge about her/his disease from reliable source everywhere and at every time in two languages versions Polish (voice) and English (subtitles). We are planning to use this form of information in next project.

Disclosure of Interests: None declared

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SP0186

**WHAT DO GP'S KNOW ABOUT RMD'S?
#CONNECTTODAY IN MALTA***Mary Vella. Arthritis and Rheumatism Association Malta (ARAM), NGO, Mgarr, Malta*

Background: The Arthritis and Rheumatism Association Malta known as ARAM has been established these last eleven years since 2007. Through this experience as a support group working very closely with RMDs patients through various talks and seminars, and participating on Live Radio and Television to bring awareness on RMDs, ARAM became aware that there is Lack of Knowledge on the subject by the GPs and this needed to be addressed. Patients were being given the idea that once one develops arthritis there was nothing that can be done to

embrace an independent and good quality of life. Obviously, with so much research and studies, this is not so!

I can confirm this myself being a patient who developed Rheumatoid Arthritis sixteen years ago. It was then that ARAM was established and being the President of the Association I advocated strongly for RMD Patients throughout the island. I believed that education and Knowledge on Arthritis should be a basic step both for the Patients as well as for the GPs and the General Public.

Objectives: When Eular announced the award for national campaign Don't delay Connect today' for early signs and symptoms and early referral, ARAM applied for the award in collaboration with the College of Family Doctors to educate the GPs on arthritis. This was possible after a number of meetings and discussion.

Methods: ARAM approached the Synapse which is an E-platform led by a medical doctor for Health Professionals based on sharing academic research and other articles to people that matter. With such a professional body ARAM produced four videos by Rheumatologist specialist on RMDs focusing on different aspects of these chronic conditions.

1. General Rheumatology Introduction –Dr Michaela Frendo
2. Juvenile Arthritis – Dr Cecilia Mercieca
3. Scleroderma– Dr Bernard Coleiro
4. Fibromyalgia– Prof Andrew Borg

Another two educational Talks for GPs led by Prof Andrew Borg, Head of Rheumatology Department of Mater Dei Hospital were held in a specific venue and were well attended. Topics delivered focused on:

1. Management of Inflammatory Joints
2. Management of Metabolic Bone diseases

Conclusion: To this effect, ARAM believes that GPs are now better informed and educated and more aware of possible early interventions that could mitigate the seriousness on the condition.

The general outcome of these talks include:

1. GPs became more educated and informed which will translate into
2. Better outcomes for the patients.

Results: Evaluation was carried out following both interventions by asking GPs for their feedback on both the Synapse e-platform and the two seminars.

Conclusion: To this effect, ARAM believes that GPs are now better informed and educated and more aware of possible early interventions that could mitigate the seriousness on the condition.

Disclosure of Interests: None declared

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SATURDAY, 15 JUNE 2019

09:00:00 – 10:30:00

**Tackling inflammatory bone disorders in children
and adults**

SP0187

**PATHOPHYSIOLOGY AND THERAPEUTIC
CONSEQUENCES AUTO-INFLAMMATORY BONE
DISORDERS***Christian Hedrich. Institute of Translational Medicine, University of Liverpool, Department of Women's and Children's Health, Liverpool, United Kingdom*

Chronic nonbacterial osteomyelitis (CNO) is an autoinflammatory bone disorder, covering a clinical spectrum with asymptomatic inflammation of single bones at the one end, and chronic recurrent multifocal osteomyelitis (CRMO) at the other end. Bone inflammation, however, can also be a symptom of other autoimmune/inflammatory conditions. Rare monogenic autoinflammatory diseases with bone involvement have informed research and provide models for the more common and pathophysiologically complex disorder CNO/CRMO.

Despite recent efforts, the exact molecular pathophysiology of CNO remains incompletely understood. Profound dysregulation of cytokine responses was demonstrated in CNO/CRMO. Failure to produce antiinflammatory cytokines interleukin (IL)-10 and IL-19 contributes to activation of inflammasomes and subsequent IL-1 β release. In IL-10-deficient and in CNO-prone chronic multifocal osteomyelitis mice, IL-1 β was linked to bone inflammation. Recently, increased inflammasome component expression and inflammasome assembly have been linked with CNO/CRMO in humans. Furthermore, alterations to the gut microbiome were suggested in contributing to IL-1 β release from innate immune cells in mice, offering an interesting target in the search for molecular mechanisms in CNO.

This presentation will review molecular alterations in autoinflammatory bone disease, focussing on CNO and discuss therapeutic consequences.