Autoimmune Arthritis Deobfuscated

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Abstract — Autoimmune Arthritis’s are often trivialized and slow to diagnose. In order to inform both the general public and those potentially suffering with an Autoimmune Arthritis, the term and seven of the eight most common diseases it encompasses are explained. Further, since delay in diagnosis causes irreversible damage, the common early symptoms of the seven illnesses are given to aid undiagnosed sufferers to become their own informed advocates and reduce time to diagnosis and treatment.

Index Terms — Adult Onset Still’s Disease, Ankylosing Spondylitis, Autoimmune Arthritis, Early symptoms, Juvenile Arthritis, Psoriatic Arthritis, Rheumatoid Arthritis, Sjogren’s Syndrome, Systemic Lupus Erythematous and Undifferentiated Connective Tissue Disease/Spondyloarthropathy

1 INTRODUCTION

Autoimmune Arthritis is an umbrella term used to refer to one of eight diseases whose symptoms include joint pain coupled with autoimmune and inflammatory elements. Eight of the most common diseases encompassed by this term are: Rheumatoid Arthritis, Psoriatic Arthritis, Systemic Lupus Erythematous, Ankylosing Spondylitis, Adult Onset Still’s Disease, Juvenile Arthritis, Sjogren’s Syndrome and Undifferentiated Connective Tissue Disease/Spondyloarthropathy.

2 MOTIVATION

Due to the monumental misinformation surrounding the Autoimmune Arthritis diseases, the average person thinks that they and osteoarthritis are one in the same. As a result of this general confusion between the two, people with one of these Autoimmune Arthritis diseases suffer not only the physical burden of living with a debilitating disease which is sometimes fatal but also the emotional and psychological burden of having their experience trivialized by their family, friends and coworkers. In an effort to educate the general public and in particular, the loved ones of those suffering with the disease, an easy to understand yet impactful visual presentation of information regarding these diseases and how they differ from osteoarthritis is needed.

Further, since studies show that left untreated even for just a few months after onset, these illnesses can cause irreversible damage to occur, delay in diagnosis and treatment is potentially catastrophic. Due to the fact that the medical community as a whole is horribly uninformed about these diseases, awareness of the early onset symptoms of seven of the various Autoimmune Arthritis diseases by future patients will enable them to be informed advocates for themselves to aid in disease diagnosis.

3 RELATED WORK

In a recent survey and report published by the International Autoimmune Arthritis Foundation, the early symptoms of the adult onset Autoimmune Arthritis’s were analyzed. While the early symptoms are examined in great detail, the report is written for a trained medical audience and is therefore not presented in a way that is easy to understand and absorb for the general public.

While much work has been done researching each of the various diseases that make up the Autoimmune Arthritis grouping individually, prior to IFAA’s work, no other organization or person has looked into the early symptoms of these diseases as a group.

Talk about studies that emphasis the importance of early detection and treatment to avoid long term problems and safeguard quality of life.

4 AUTOIMMUNE ARTHRITIS

4.1 Defined

Information here about how the term was coined, when, why and by whom. In addition, statistics on the percentage of the population known to have either of the two forms of arthritis.

4.2 How differs from Osteoarthritis

Characteristics of the majority of Osteoarthritis sufferers compared with common characteristics of the majority of Autoimmune Arthritis sufferers. Illustration showing common characteristics of Osteoarthritis sufferers and Autoimmune Arthritis sufferers. Also list life expectancy and common treatments for both.

4.3 Eight most common AA diseases

Eight common AA diseases defined

4.4 Early Symptoms

Early symptoms of the 7 most common adult onset AA
disease with xray type pictures of the human body. The first image will show all of the symptoms commonly occurring in AA diseases with indications of their prevalence among the seven diseases. Then seven other similar images with just the common early symptoms shown on the pictures.

7 CONCLUSION

ACKNOWLEDGMENT

REFERENCES


