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Rheumatology: Current Research



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Research Interests

- To contribute to establishment of large-scale registry systems and to make them work
- To contribute to establishment of registry systems for rheumatoid arthritis and ankylosing spondylitis
- To make the article of demographic data obtained from registry systems



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- To contribute to establishment of national recommendations of rheumatoid arthritis and ankylosing spondylitis
- To measure compliance and to provide adaptation of EULAR 2013 recommendations for the management of rheumatoid arthritis with synthetic and biological disease-modifying antirheumatic drugs



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- To adapt issues in cross-cultural validity
- To bring out some adverse effects of anti-TNF drugs using in the treatment of some rheumatic diseases
- To determine the direct and indirect costs some rheumatic diseases



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- To evaluate conceptual agreement of recommendations for the management of rheumatic diseases and to assess the rate of application in daily clinical practice
- To understand the mechanism of syndesmophytes and new bone production in ankylosing spondylitis



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- To understand the relationship between serum levels of biomarkers that have an effect on bone formation and radiologic progression in patients with AS
- To understand the effects of potential biomarkers on radiological bone erosion and formation in rheumatoid arthritis and ankylosing spondylitis patients.



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- To determine using tools in early diagnosis of systemic sclerosis
- To understand the role of bone remodeling biomarkers in rheumatoid arthritis
- To understand the role of some biomarkers indicative of joint damage in patients with psoriatic arthritis, psoriasis and rheumatoid arthritis



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REGISTRY RELATED RESEARCHES





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- The Turkish League Against Rheumatism (TLAR) a scientific member of EULAR produces scientific projects in the field of rheumatology in Turkey through its working groups and has become well-known for its national Rheumatoid arthritis (RA) and ankylosing spondylitis (AS) registry systems. As a chief of working groups I supported to a lot of projects which have been produced registry systems.



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Management of rheumatoid arthritis: Consensus recommendations from the Turkish League Against Rheumatism

- This study aimed to develop national treatment recommendations for the management of RA: thus, they consulted with national experts for their opinions.



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Turkish League Against Rheumatism National Recommendations for the Management of Ankylosing Spondylitis

- This study aimed to develop TLAR National Recommendations for the management of AS.



Description of the registry of patients with ankylosing spondylitis in Turkey: TRASD-IP

A web-based application patient follow-up program was developed to create a registry of patients with ankylosing spondylitis (AS) by the Turkish League Against Rheumatism AS Study Group. This study describes the methodological background and patient characteristics.



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Obesity associated with high disease activity and less joint destruction in patients with rheumatoid arthritis: results of TRASD-IP registry

We aimed to estimate the prevalence of overweight and obese in Turkish patients with RA and its relationships with disease activity, disability, quality of life, structural damage, and laboratory parameters in the real-life experience of national registry



Correlations among enthesitis, clinical, radiographic and quality of life parameters in patients with ankylosing spondylitis

This study aimed to investigate the relationship between enthesitis and disease activity, functional status, fatigue, joint mobility, radiological damage, laboratory parameter and quality of life in patients with ankylosing spondylitis (AS).



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Characteristics and medical management of patients with rheumatoid arthritis and ankylosing spondylitis.

The objective of this study was to investigate the demographic and clinical characteristics of the patients with RA and AS who were treated in tertiary hospitals in Turkey and to analyze their current medical management



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OTHER RESEARCHES





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Turkey Compliance and Adaptation of EULAR 2013 Recommendations for the Management of Rheumatoid Arthritis with Synthetic and Biological Disease-Modifying Antirheumatic Drugs

- This study aimed to measure compliance and to provide adaptation of EULAR 2013 recommendations for the management of rheumatoid arthritis with synthetic and biological disease-modifying antirheumatic drugs



Adaptation and validation of the Ankylosing Spondylitis Work Instability Scale (AS-WIS) for use in Turkey.

- The Ankylosing Spondylitis Work Instability Scale (AS-WIS) is a recently developed 20-item measure to assess work instability in AS. This study aimed to adapt the AS-WIS to Turkish and to test its reliability and validity.



Injection site reactions to adalimumab and etanercept: role of skin tests in the diagnosis of such reactions and successful desensitization.

Adalimumab and etanercept has been associated with both a variety of dermatological reactions, including injection site reaction (ISR) or systemic hypersensitivity reactions. We describe patients who presented with progressive ISR to adalimumab and etanercept injections, with positive skin tests and successful subcutaneous rapid desensitisation.



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The cost of care of rheumatoid arthritis and ankylosing spondylitis patients in tertiary care rheumatology units in Turkey

The cost of lost productivity can be higher than medical cost in the rheumatic diseases. This study aimed to determine the direct and indirect costs due to rheumatoid arthritis (RA) and ankylosing spondylitis (AS) patients in Turkey.



Agreement of Turkish physiatrists with the assessment in spondyloarthritis international society and the European league against rheumatism recommendations for the management of ankylosing spondylitis and rheumatoid arthritis

The aim this study was to evaluate conceptual agreement of ASsessment in SpondyloArthritis International Society (ASAS) and the EUropean League Against Rheumatism (EULAR) recommendations for the management of AS and EULAR recommendations for RA and to assess the rate of application among Turkish physiatrists in daily clinical practice



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Quality of life and related variables in patients with ankylosing spondylitis

This study aimed to evaluate quality of life (QoL) and related variables in patients with ankylosing spondylitis (AS), a chronic inflammatory disease of the spine.



Issues in cross-cultural validity: example from the adaptation, reliability, and validity testing of a Turkish version of the Stanford Health Assessment Questionnaire

Guidelines have been established for cross-cultural adaptation of outcome measures. However, invariance across cultures must also be demonstrated through analysis of Differential Item Functioning (DIF). This is tested in the context of a Turkish adaptation of the Health Assessment Questionnaire (HAQ)



The Relationship Between Immunogenicity, Disease Activity and Autoantibody Development in Patients with Rheumatic Diseases Treated with Anti-TNF Agents

This study aimed to investigate the relationship between the formation of autoantibodies, anti-drug antibodies (ADAb), serum levels for anti-TNF drugs and disease activity in patients with treated anti-TNFs



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ONGOING RESEARCHES





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- Investigation of changes in serum levels of biomarkers associated with radiological progression after anti TNF-alpha treatment in ankylosing spondylitis patients
- Investigation of the effects of potential biomarkers on radiological bone erosion and formation in rheumatoid arthritis and ankylosing spondylitis patients
- The relationship between the radiological progression and the serum levels of biomarkers that have an effect on bone formation in patients with AS



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- Evaluation of microcirculation with videocapilleroscopy and thermal camera in patients with systemic sclerosis
- Investigation of some biomarkers indicative of joint damage in patients with psoriatic arthritis, psoriasis and rheumatoid arthritis

Rheumatology: Current Research Related Journals

- Journal of Arthritis
- Orthopedic & Muscular System: Current Research



Rheumatology: Current Research Related Conferences

- Physical Medicine and Rehabilitation



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