

## عنوان مقاله:

The prevalence of temporomandibular joint involvement in rheumatoid arthritis patients: A cross-sectional study

## محل انتشار:

فصلنامه تحقیقات روماتولوژی، دوره 4، شماره 4 (سال: 1398)

تعداد صفحات اصل مقاله: 5

## نویسندگان:

Fahimeh Akhlaghi - *Oral and Maxillofacial Surgery Department, School of dentistry, Taleghani Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

shahabaldin azizi - *Oral and Maxillofacial Surgery Dental School, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

.Neda Amirimehr - *Shahid Beheshti University of Medical Sciences, Tehran, Iran*

## خلاصه مقاله:

Objectives: Temporomandibular joint (TMJ) involvement in rheumatoid arthritis (RA) patients has been described in the literature; however, its incidence varies greatly. In this study, we aimed to determine the prevalence and clinical characteristics of TMJ involvement in RA patients. Materials and Methods: The present study consisted of 60 individuals with RA. The patients were assigned to two groups, based on TMJ involvement: patients with TMJ involvement and patients without TMJ involvement. We defined TMJ involvement based on the findings of the questionnaires and clinical examination by a rheumatologist. The symptoms and signs were recorded by a single trained dentist. Results: The majority of the participants were women (n=49, 81.66%), with the mean age of  $43.9 \pm 15.52$  years (range: 21-78 years). Thirty-five patients (58.3%) had clinical evidence of TMJ involvement. The levels of C-reactive protein (CRP) and rheumatoid factor (RF) were found to be correlated with TMJ involvement. There was no significant correlation between TMJ involvement and erythrocyte sedimentation rate (ESR), age, gender, treatment duration, and disease duration. Conclusion: The high level of CRP in RA patients with TMJ involvement was reported. TMJ pain was reported in almost half of the patients. There was also a significant correlation between TMJ involvement and RF.

## کلمات کلیدی:

temporomandibular joint, Rheumatoid arthritis

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1182342>

