

Accepted Manuscript



Characteristic MR Imaging Findings in Rheumatoid Arthritis of the Temporomandibular Joint: Focus on Abnormal Bone Marrow Signal of the Mandibular Condyle, Pannus, and Lymph Node Swelling in the Parotid Glands

Naohisa Hirahara, DDS, Takashi Kaneda, DDS, PhD, Hirotaka Muraoka, DDS, Taiga Fukuda, DDS, Kotaro Ito, DDS, PhD, Yusuke Kawashima, DDS, PhD

PII: S0278-2391(16)30913-2

DOI: [10.1016/j.joms.2016.09.051](https://doi.org/10.1016/j.joms.2016.09.051)

Reference: YJOMS 57486

To appear in: *Journal of Oral and Maxillofacial Surgery*

Received Date: 31 August 2016

Revised Date: 27 September 2016

Accepted Date: 28 September 2016

Please cite this article as: Hirahara N, Kaneda T, Muraoka H, Fukuda T, Ito K, Kawashima Y, Characteristic MR Imaging Findings in Rheumatoid Arthritis of the Temporomandibular Joint: Focus on Abnormal Bone Marrow Signal of the Mandibular Condyle, Pannus, and Lymph Node Swelling in the Parotid Glands, *Journal of Oral and Maxillofacial Surgery* (2016), doi: 10.1016/j.joms.2016.09.051.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Original article

Characteristic MR Imaging Findings in Rheumatoid Arthritis of the Temporomandibular Joint: Focus on Abnormal Bone Marrow Signal of the Mandibular Condyle, Pannus, and Lymph Node Swelling in the Parotid Glands

Naohisa Hirahara, DDS,* Takashi Kaneda, DDS, PhD,† Hirotaka Muraoka, DDS,*

Taiga Fukuda, DDS,* Kotaro Ito, DDS, PhD,‡ Yusuke Kawashima, DDS, PhD‡

*Graduate student, Department of Radiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan

†Professor, Department of Radiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan

‡Assistant professor, Department of Radiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan

Corresponding author:

Naohisa Hirahara, DDS

Department of Radiology, Nihon University School of Dentistry at Matsudo

Download English Version:

<https://daneshyari.com/en/article/5641734>

Download Persian Version:

<https://daneshyari.com/article/5641734>

[Daneshyari.com](https://daneshyari.com)