

PROCEEDINGS OF THE WORLD CONFERENCE ON OZONE THERAPY IN MEDICINE, DENTISTRY AND VETERINARY. ANCONA (ITALY). SEPTEMBER 22ND – 23RD - 24TH, 2017

Ozone injections therapies for temporo-mandibular joint disorders/disfunctions [abstract]

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ABSTRACT

OPEN ACCESS

Citation

Harris RE. Ozone injections therapies for temporo-mandibular joint disorders/disfunctions [abstract]. Proceedings of The World Conference on Ozone Therapy in Medicine, Dentistry and Veterinary. Ancona (Italy). September 22nd – 23rd - 24th , 2017. J Ozone Ther. 2019;3(4):25. doi: 10.7203/jo3t.3.4.2019.15505

Academic Editor

Jose Baeza-Noci,
School of Medicine, Valencia University,
SPAIN

Editor

World Federation of Ozone Therapy,
Bologna, ITALY

Received

June 17, 2019

Accepted

December 08, 2019

Published

December 30, 2019

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Introduction: Temporomandibular Joint Disorders/Dysfunctions (TMJD) were first described in ancient Egyptian literature. The condition has been reported in the medical/dental literature under a variety terms and syndromes. TMJD is the currently accepted term for a variety of conditions in the head, neck and temporomandibular joint areas.

Materials and methods: A systematic review and search of the literature produced the following results:

TMJ Infection	2,080,000	Google
TMJ Injections	32,900	Google
TM Joint	24,839	PubMed
TMJ Disorders	16,511	PubMed
TMJ Dysfunction	6,439	PubMed

The information obtained from these sources in conjunction with clinical training was the basis for the development of the currently described protocols.

Results: The current treatment protocols for TM Joint injections utilize homeopathic solutions, B vitamins, procaine and gaseous ozone. These protocols have been used and modified since 2001. The results have demonstrated a significant reduction in the pain levels and improved function of the TM Joint.

Conclusion: Using gaseous ozone in therapeutic combinations of anesthetics, homeopathics and B vitamins have produced positive outcomes in the management of the majority of the very difficult to treat population of head, neck and TMJD patients.

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