

Odontogenic Maxillary Sinusitis: An Underestimated Disease

Henrikas Rusilas¹, Elvinas Juzikis²

Henrikas Rusilas. Lithuanian University of Health Sciences V. Kudirkos 19, Kaunas, Lithuania 50276. Mobile Number: +370 64142041 E-Mail: henrikas.h@gmail.com

Abstract

Background: Maxillary sinusitis is often caused by dental pathologies and dentoalveolar surgical interventions. A misdiagnosis of this disease is still common among otolaryngologists and dentists even though very detailed diagnostic imaging is available all across the world. While the chronic maxillary sinusitis isn't a very serious condition, the complications can be nearly fatal. **Objectives:** The objective of this review was to show that the early and correct diagnosis of odontogenic maxillary sinusitis is necessary in order to prevent extremely dangerous complications. **Methods:** A systematic literature review was carried out using PubMed and Google Scholar search engines looking for these keywords: odontogenic, sinusitis, diagnosis, complication. All reviewed publications were published in the English language. We have filtered the articles according to PRISMA criteria. **Results:** We included 20 publications from PubMed e-database and 2 publications were additionally included after conducting a search using Google Scholar search engine. The purpose of this study was to show how modern technologies and a decent knowledge of medicine and dentistry can prevent this serious disease. **Conclusions:** A tight cooperation between otolaryngologist and dentist or maxillofacial surgeon together with modern imaging tools is required in order to prevent serious complications of odontogenic maxillary sinusitis.