



Pubmed Publications about “Oral Cancer” in the Last Year

T Maheswaran^{1*}, V Ilayaraja¹, N Ganapathy¹, J Dineshshankar², TR Yoithapprabhunath² and Rachel Sarah Vinothini³

¹Professor, Department of Oral Pathology and Microbiology, Vivekananda Dental College for Women, Tamilnadu, India

²Associate Professor, Department of Oral Pathology and Microbiology, Vivekananda Dental College for Women, Tamilnadu, India

³Post Graduate Student, Department of Oral Pathology and Microbiology, Vivekananda Dental College for Women, Tamilnadu, India

*Corresponding Author: T Maheswaran, Professor, Department of Oral Pathology and Microbiology, Vivekananda Dental College for Women, Tamilnadu, India.

Received: March 19, 2019; Published: May 13, 2019.

Abstract

Objective: To explore the pubmed publications about oral cancer in the year 2018.

Materials and Methods: Online search was conducted in the official website of MEDLINE (<https://www.ncbi.nlm.nih.gov/pubmed/>) to find all the articles published in the year 2018 about the “Oral Cancer”. Various parameter of the each article was recorded and tabulated.

Results and Discussion: Out of total 432 articles found in the pubmed about the “oral cancer” in the year 2018, abstract is available for 387 articles and free full text is available for 143 articles. Only 41 articles are published in the Dental Journals. There is one clinical trial, 3 case reports, 7 meta-analysis, 8 systematic review and 45 review articles about oral cancer.

Conclusion: Data about the recent publications represents the overview of current research and provides valuable information to the prospective authors and researchers.

Keywords: Oral Cancer; Oral Oncology; Journals; Publications

Introduction

Oral cancer is one of the leading cancers in South-Asian countries and thrust areas of research in the medical field [1]. In the present digital era, health care information is easily accessible to everyone. As per the Cambridge dictionary, ‘journal’ is a serious magazine or newspaper that is published regularly about a particular subject. An academic journal is a periodical publication in which the articles relating to a particular discipline is published. MEDLINE is the largest bibliographic database of life sciences and biomedical information compiled by the United States National Library of Medicine which is freely available on the Internet and searchable via PubMed [2]. Recent Publications in the academic journal represent the current trends of the research. So, this study was proposed with an objective of exploring the pubmed publications about oral cancer in the year 2018.

Materials and Methods

A cross sectional observational online search was conducted in the first week of January 2019 in the official website of MEDLINE (<https://www.ncbi.nlm.nih.gov/pubmed/>) to find all the articles published in the year 2018 about the “Oral Cancer”. Various parameters of the each article like the type of article, text availability, language, journal category was recorded and tabulated.

Results and Discussion

When online search was done in the first week of January 2019 in the official website of MEDLINE (<https://www.ncbi.nlm.nih.gov/pubmed/>) using the term “oral cancer” or “oral oncology” in the pubmed website 14,874 article were found. But when the same search was repeated on the last week of March 2019 in the pubmed website 15,136 were found. This discrepancy is possibly

due to addition or indexing of the various journals in the MEDLINE retrospectively. Similarly, when search was done to find or filter articles published in the year 2018, 1459 articles were available in the first of week of January 2019 but 1463 were available in the last week of March 2019.

When advanced search features of pubmed website was used to shortlist or filter articles with the term "oral cancer" or "oral oncology" in the title, there were 432 articles. Out of total 432 articles found in the pubmed that was published about the "oral cancer" or "oral oncology" in the year 2018, 423 articles are in English and 9 articles in other languages.

Abstract is available for 387 articles and free full text is available for 143 articles. So approximately only one third of the publications is available as open access articles. Out of total 432 articles, only 41 articles are published in the Dental Journals and none in the Nursing Journals. There is one clinical trial, 3 case reports, 6 editorial, 7 meta-analysis, 8 systematic review, 19 letter to editor and 45 review articles about oral cancer in the year 2018. Exact distribution could not be elicited because some articles belong to more than one category and some articles are not categorised based on the type of article. So, majority of the articles are not indexed properly according to the type of article.

Manual search without data mining on the limited database with potential subjective bias are some of the limitations of this study. Similar studies with the use of software may simplify the procedure but amplify the scope of research revealing much more interesting pattern of research publications.

Conclusion

Data about the recent publications represents the overview of current research about that particular field. This data provides valuable and relevant information, to the prospective authors and researchers.

Bibliography

1. Mazumder S, Datta S, Ray JG, Chaudhuri K, Chatterjee R. Liquid biopsy: miRNA as a potential biomarker in oral cancer. *Cancer Epidemiol.* 2019;58:137-145.
2. Anders ME, Evans DP. Comparison of PubMed and Google Scholar literature searches. *Respir Care.* 2010;55(5):578-583.

Volume 2 Issue 5 May 2019

© All rights are reserved by T Maheswaran, *et al.*