Volume 25 Number 2 October 2023

Copyright© 2023 by the Dhaka Dental College Teachers' Association

CONTENTS

ORIGINAL ARTICLES

Comparative Study of Orthodontic Molar Bands and Buccal Tubes in regards of Periodontal Status Rahman MA ¹ , Rahman MM ² , Paul KC ³ , Haque IE ⁴	01
Clinical Staging of Oral Squamous Cell Carcinoma in Patients attending Dhaka Dental College Hospital – A Cross-Sectional Study Kamal MZ ¹ , Mafruhah K ² , Islam MR ³ , Rashid MHU ⁴	06
Prevalence of Dental Caries in Patient with Fixed Dental Prosthesis Habibullah MZ ¹ , Ahmed M ² , Amin RA ³ , Maniruzzaman M ⁴ , Madani OA ⁵ , Akter S ⁶	12
Comparison of The Flexural Strength among High Impact Heat Cured, Conventional Heat Cured and Chemical Cured Acrylic Denture Base Resins: An in Vitro Study Islam MS ¹ , Islam S ² , Quader SMS ³ , Khatun M ⁴ , Jahan L ⁵ , Haque MH ⁶	16
Detection of Mycoplasma Pneumoniae by Molecular and Serological Test from Throat Swab in Community-Acquired Pneumonia Patients Rawnuck T ¹ , Reza MS ² , Ahmed R ³ , Islam MFU ⁴ , Rahman H ⁵ , Khanam KA ⁶ , Bepari MS ⁷	20
Impact of Complete Dentures on Oral Health Related Quality of Life among patients attending Prosthodontic Department in Bangabandhu Sheikh Mujib Medical University Rashid MM ¹ , Mohammad G ² , Tofail T ³ , kawser ST ⁴ , Chowdhury NH ⁵ , Nurul F ⁶	24

Journal of Oral Health

Official Publication of Dhaka Dental College Teachers' Association

VOLUME 25 NUMBER 2 OCTOBER 2023

Editorial Board

Chairman : Prof. Dr. Md. Humayun Kabir

Co-Chairman : Dr. Md. Morshed Alam Talukdar

Editor-in-Chief: Dr. Kajal Chandra Paul

Editor : Dr. Imtiaz Ershadul Haque

Co-Editor : Dr. Noushad Kaisar Pathan

Dr. Mohammad Jamal Hossain

Dr. Sumanta Kumar Gain

Board of Editors: Prof. Dr. Mohammad Muklesur Rahman

Dr. Md. Shahabul Huda Chowdhury

Dr. Ikramul Ahmed Dr. Shyamal Kumar

Members : Prof. Dr. Ismat Ara Haider

Prof. Dr. Shaheen Ara Begum Dr. Parimal Chandra Mallick Prof. Dr. Md. Rezzaqul Haque

Prof. Dr. Mohammod Borhan Uddin Howlader

Prof. Dr. Md. Raziuddin Khan Dr. Mohammad Ali Akbor Polan

Dr. Mehedi Mohammad Imtiaz Uddin Khan

Editors' Note

This is the 20th issue for which it has been my pleasure to serve as the editor in chief of the Journal of Oral Heath (JOH). I'll always try to implement more knowledge, cultivate and facilitate your learning and update the journal continuously. Previously the journal was approved by BMDC and now achieved permanent ISSN number (Print). 1 hope we will do much more to improve the Journal of Oral Health (JOH).

It is well known that the advancement of scientific knowledge is propagated to mass through publication. In this context, voluminous research work has been continuously enriching dental field for the past fifty years. Therefore, there is no alternative of a journal which reflects new ideas and knowledge achieved in an area that needs to be shared with others.

We hope you find much value in this issue of the JOH, which may enrich your expertise and help us give you what you need. At last I would like to thank all who took painstaking efforts to make the current issue from dream to the reality.

Dr. Kajal Chandra Paul

Tres grange grand

Editor-in-chief

Journal of Oral Health

Dhaka Dental College Teachers' Association

Associate Professor

Department of Orthodontics

Dhaka Dental College, Mirpur-14, Dhaka-1206

Email: kcpdent@gmail.com Mobile: 01916255411

<u>Informations for Authors</u>

The **JOURNAL OF ORAL HEALTH** publishes articles on original research, clinical observations or investigations on recent advances and review articles on Oral Health Science and related subjects.

Manuscripts are accepted for publication with the stipulation that they are original, written in english and have not been published or submitted for publication elsewhere.

Format

The manuscript must be printed on white 812"X 11" or ISO A4 sized paper using one inch margins. Print on one side only. Use double-spacing throughout, including title page. Abstract, text, acknowledgements, references, tables and legends for illustrations, and number pages consecutively. Unless otherwise noted, manuscripts must be no longer than 12 double-spaced pages (roughly 3000 words), exclusive of title page, abstract, acknowledgements, references and illustrations (tables, figures, text boxed) A 3.4 diskette or CD-ROM must accompany the manuscript with file in Microsoft word as well as the TIF or JEPG files, if applicable.

Manuscripts organization

The following organization is recommended

Title Page

The title page should include the title of the article, full name(s) of the authors(s), academic digrees, and institutional affiliations and positions.

Abstract

Provide an abstract of 250 words or less. Briefly state the problem or purpose, the major observations, the methods, and the principal conclusions.

Introduction

The purpose of the introduction is to briefly answer the question "why did you start" or 'what initiated this research?" State the study's objective.

Materials or Subject and Methods/Case Histories

This section should answer the question "what did you do". Describe the experimental design procedures and subjects used. Give the details only if the methods are original or essential for understanding, otherwise give reference.

Result

Present the result with a minimum of discussion and answer the questions "What answer did you get?" Use tables, chart and photograph to clarify the findings.

Discussion

Point out the significance of the data and the limitations. Short paragraph should answer the questions" what did you find out" and "What does it mean?" This most important second questions is answered by discussing your findings in the light of other reports, including opposing views, and is important in limiting bias. Use last paragraph to suggest extensions of your study.

Conclusion

Be sure to including a clearly labeled conclusion.

References

Cite reference selectively. In the text, reference format should conform to the Vancouver style. Reference to articles in page must include authors names, title of article and name of journals. The reference list should be typed double - spaced on a separate page. Journal names must be abbreviated according to the cumulated index medicus

Examples (if six or fewer authors, list all if seven or more, list first six and et al.)

- (a) Format for journal articles: Smith BGN, Knight JKK: An index for measuring the wear of teeth Br. Dent. J. 1984, 156-160
- (b) Format for books: Ash MM, Ramfjord S: Occlusion. W.B. Saunders Company. Philadelphia, 4th edn: 1995, 125-127.
- (c) Format for chapters: Kurol J. Erikson S. Andreasen JO The impacted maxillary canine. In: Andreasen JO, Petersen JK Laskin DM editors. Textbook and color atlas of tooth impactions, Copenhagen: Munksgard; 1997, 26-30.

Legends and illustrations

All figures must be mentioned sequentially in the text. Each figure must be accompanied by a legend. Type all of these together double-spaced on one separate sheet of paper.

Tables

Table should be self-explanatory and should supplement, not duplicate the text. Number them in roman numerals according to their order of mention in the text. Provide brief title for each. Type each table double spaced on separate sheet of paper.

Checklist for authors

- * Original manuscript (double-spaced) of two copies
- * Title page
- * Title of article
- * Abstract
- * Article proper
- * References
- * Legends to illustrations (on separate page)
- * Table (each on a separate Page)
- * Illustrations (three sets of glossy prints)

ঢাকা ডেন্টাল কলেজ শিক্ষক সমিতি

Dhaka Dental College Teachers' Association

Office: Dhaka Dental College, Mirpur-14, Dhaka, Bangladesh. Tel: 9022367 E-mail: principal@dhakadental.gov.bd

Executive Committee

President

Prof. Dr. Md. Humayun Kabir

Vice President

Prof. Dr. Ismat Ara Haider Dr. Parimal Chandra Mallick

Dr. Harun-Ur-Rashid Secretary General

Dr. Md. Morshed Alam Talukder

Joint Secretary

Prof. Dr. Mohammad Muklesur Rahman

Dr. Ikramul Ahmed

Treasurer

Dr. Noushad Kaisar Pathan

Organizing SecretaryDr. Shyamal Kumar

Asst. Organizing Secretary Dr. Sumanta Kumar Gain

Press & Publication Secretary

Dr. Kajal Chandra Paul

Asst. Press & Publication Secretary

Dr. Imtiaz Ershadul Haque

Office Secretary

Dr. Mohammad Jamal Hossain

Asst. Office Secretary
Dr. Md. Arifur Rahman
Entertainment Secretary
Dr. Abul Kalam Md. Faruq
Asst. Entertainment Secretary

Dr. Mohammad Mahmudul Hassan Khan

Science & Research Secretary

Dr. S.M. Anwar Sadat

Asst. Science & Research Secretary

Dr. Md. Abdul Muttalib Malik
Sports & Cultural Secretary
Dr. Mohammad Ali Akbor Polan
Asst. Sports & Cultural Secretary

Dr. Mehedi Mohammad Imtiaz Uddin Khan

International Affairs SecretaryDr. Mohammad Rafiqul Islam

Asst. International Affairs Secretary

Dr. SK. Md. Jahidul Islam **Student Welfare Secretary** Dr. Mainuddin Ahmed

Asst. Student Welfare Secretary

Dr. Zannatul Ferdous

Member

Prof. Dr. Shaheen Ara Begum Prof. Dr. Md. Ruhul Amin Prof. Dr. Md. Raziuddin Khan Prof. Dr. Md. Rezzaqul Haque

Dr. Syed Faroque Shihab

Dr. Mohammad Shahabul Huda Chowdhury

Dr. Mahtabun Nahar

Dr. Shyamal Krishna Aich Dr. Suman Chandra Roy Dr. Md. Mahmud Hossain

Dr. Kazi Md. Israfil



জার্ণাল অব ওরাল হেলথ Journal of Oral Health

Volume 25 Number 2 October 2023 Official Publication of Dhaka Dental College Teachers' Association

This journal is published on 31 October 2023 by Dr. Imtiaz Ershadul Haque on behalf of Dhaka Dental College Teachers' Association from Omasis Printers, 278/3 Elephant Road, Katabon, Dhaka-1205. Email: omasisp@gmail.com, Contact No: 01715 043725

We shall try to publish the remaining volumes very soon and adjust the proper schedule of the journal. The opinion expressed in this publication are those of the authors and do not necessarily reflect those of the editorial board of the Journal of Oral Health. Furthermore, Dhaka Dental College Teachers' Association does not gurantee, directly or indirectly the quality or efficacy of any product described in the advertisement contained in this journal.

Journal of Oral Health published semiannually in April and October by Dhaka Dental College Teachers' Association. Any part of this publication may reproduce, stored in a retrieval system or transmitted in any form. However, acknowledgement is desirable.

All communication should be addressed to the Editor-in-Chief, Journal of Oral Health, C/O Dhaka Dental College Teachers' Association. E-mail: kcpdent@gmail.com

Subscription: Non-member: BDT. 1000.00 for local and US\$ 30 for overseas. Member & authors: Complementary.