

April-June 2011 Volume 23 Number 2 ISSN 0972-1363

Editor-in-Chief
Anil G Ghom (India)

Journal of Indian Academy of
*Oral Medicine
and Radiology*



An Official Publication of Indian Academy of
Oral Medicine and Radiology



www.jaypeebrothers.com
www.jaypeejournals.com

Journal of Indian Academy of Oral Medicine and Radiology

1. Aims and Scope

The journal is official publication of the *Indian Academy of Oral Medicine and Radiology*, India. Issues are published quarterly in the last week of March, June, September and December. Journal follows the broad guidelines for good publications practice brought out by the committee on publication ethics (COPE) and recommendations of World Association of Medical Editors.

All the rights are reserved. Apart from any fair dealing for the purposes of research or private study, or criticism or review, no part of the publication can be reproduced, stored, or transmitted, in any form or by any means, without the prior permission of the Editor, Journal of Indian Academy of Oral Medicine and Radiology.

Journal of Indian Academy of Oral Medicine and Radiology and/or its publisher cannot be held responsible for errors or for any consequences arising from the use of the information contained in this journal.

The appearance of advertising or product information in the various sections in the journal does not constitute an endorsement or approval by the journal and/or its publisher of the quality or value of the said product or of claims made for it by its manufacturer.

The journal is published and distributed by Jaypee Brothers Medical Publishers. Copies are sent to subscribers directly from the publisher's address. It is illegal to acquire copies from any other source. If a copy is received for personal use as a member of the association/society, one can not resale or give-away the copy for commercial or library use.

2. Ethical Considerations

Investigation and surgery on human subjects should conform to the guidelines noted in the World Health Organization Chronicle 1976; 30: 360-362.

Manuscripts submitted for publication must comply with the following ethical considerations:

Informed Consent

Informed consent of the patients must be taken before they are considered for participation in the study. Patient identifying information, such as names, initials, hospital numbers, or photographs should not be included in the written descriptions.

Patient consent should be obtained in written and archived with the authors.

Protection of Human Subjects and Animals in Research

When conducting experiments on human subjects, appropriate approval must have been obtained by the relevant ethics committees. All the procedures must be performed in accordance with the ethical standards of the responsible ethics committee both (institutional and national) on human experimentation and the Helsinki Declaration of 1964 (as revised in 2008). When reporting experiments on animals, authors must follow the institutional and national guidelines for the care and use of laboratory animals.

3. Copyright

Following guidelines must be followed before submission of the manuscript:

The articles must represent original research material, should not have been published before, and should not be under consideration of publication elsewhere. This however does not include previous publications in form of an abstract or as part of published literature (review or thesis). It is the duty of the author to obtain the necessary permissions for extensive quotations, tables, illustrations, or any other copyrighted material they are using in the paper before a paper can be considered for publication. Copyright of the article gets transferred to Jaypee Brothers, once the article has been accepted for publication. The author would be asked to sign the "Copyright Transfer Form" before his/her article is considered for publication. Once the Copyright Transfer statement has been signed by the corresponding author, no change in authorship or in the order of the authors listed on the article would be accepted by Jaypee Brothers. Also by signing the above mentioned form, the author reassigns the rights of copublishing, or translation if considered necessary in future to the publisher. In the advent of occurrence of any dispute, the matter would be resolved within the jurisdiction of New Delhi court.

While all care has been taken to provide accurate and correct information in accordance with the date of publication, neither the authors, editors nor the publisher takes any legal responsibility for any unintentional omission or error. The publisher makes no expressed or implied warranty with respect to the information contained herein. The published material cannot be photocopied for the following purposes: general distribution, promotion, new works or resale. If this is required, specific written permission requires to be obtained from the publisher. Exclusive rights to reproduce and distribute the articles in this journal have been protected by copyright. This also covers the rights to reproduce or distribute the article as well as the translation rights. No material published in this journal can be reproduced in digital format or

stored in form of electronic databases, video disks, etc.

Both the conflict of interests and financial disclosure needs to be handled well while conducting the research study. Disclosure of such relationships is also important in connection with all articles submitted for publication. Both of these have also been included in the copyright transfer form. Authors should give due acknowledgement to the individuals who provide writing or other assistance while conducting the research study and also disclose the funding source for the research study.

4. Subscription Information

ISSN 0972-1363
eISSN 0975-1572

• **Subscription rates**

For information on subscription rates and the other journal related enquiries please contact:

journals@jaypeebrothers.com

• **Orders**

Journals Department
Jaypee Brothers Medical Publishers (P) Ltd.
4838/24, Ansari Road, Daryaganj
New Delhi 110 002, India
Phone: +91-11-4357 4357
Fax: +91-11-4357 4314
e-mail: subscriptions@jaypeebrothers.com

Back volumes. Prices are available on request.

5. Electronic Media

An electronic edition of this journal is available at www.jaypeejournals.com
Manuscripts can be submitted online at www.jiaomr.com

6. Advertisement

For advertisement queries please contact:

Journals Department
Jaypee Brothers Medical Publishers
e-mail: abhinav.kumar@jaypeebrothers.com
rakesh.sheoran@jaypeebrothers.com

For any queries regarding online submission, please e-mail us at: help-desk@jaypeejournals.com

The Journal is printed on acid free paper.

Copyright
© **Jaypee Brothers Medical Publishers (P) Ltd.**
www.jaypeebrothers.com
www.jaypeejournals.com

Journal of Indian Academy of
**Oral Medicine and
Radiology**

Editor-in-Chief

Anil G Ghom

Associate Editors

FM Debta

Abhijeet Deoghare

Assistant Editor

Pranoti Pradhan

EDITORIAL BOARD

Rajendra N Mody
Punjab Wanjari
Ramhari Sathwane

Ajay Bhoosreddy
S Jayachandran
Vijeev Vasudevan

Sishir Yadav
Ranjeet Patil
Sunil Sahuji

Vaishali Keluskar
Shashikant MC

REVIEW BOARD

Gopakumar
Shirish Degwekar
Anjana Bagewadi

Sonal Vahanwala
Sunita Gupta
Hemant Umarji

Venkatesh N
Manjula Marthla
Chatra Laximikant

ADVISORS

H Dhooria
N Gnanasundaram
D Koteeswaran

CV Mohan
A Bhowar
D Bailoor

OFFICE BEARERS

President
Sathawane RS
Hon. Gen. Secretary
K Sri Krishna
President Elect
S Sunderraj
Imm. Past President
DB Gandhi Babu

Vice Presidents
Selvamuthu Kumar SC
Sandeep Pagare
Daya Jangam
Joint Secretary
AS Parihar
Treasurer
Sunali Khanna

Editor-in-Chief
Anil G Ghom
Executive Committee Member
MK Sunil
Mandeep Kaur
Neeraj Taneja
Basavaraj Kalalli
Appaji Athota
Preeti Nair

Regd Office at Bengaluru

Secretary – Sowmya Krishna

Treasurer – T Ramamurthy

Editorial Office

Anil G Ghom, Professor and Head, Department of Oral Medicine and Radiology, Chhattisgarh Dental College and Research Institute, Sundra, Rajnandgaon, Chhattisgarh-491441, India, Phone: 09993684365, e-mail: sanvil@rediffmail.com
dranil.ghom@gmail.com, anil_ghom@yahoo.com

Journal of Indian Academy of Oral Medicine and Radiology

April-June 2011 Volume 23 Number 2

Contents

RESEARCH ARTICLES

- **Correlation of Clinical Patterns of Oral Squamous Cell Carcinoma with Age, Site Sex and Habits** 81-85
Prerna Taneja Mathur, PK Dayal, Keerthilata M Pai
- **A Correlative Study of Smokeless Tobacco-induced Lesion and Smoke-induced Leukoplakia in Various Aspects** 86-91
Parita K Chitroda, Jigna T Shah, Girish Katti, Sreenivas Ghali
- **Evaluation and Comparison of Accuracy of Measuring the Position of Miniscrew Implants using Two-dimensional Orthopantomogram and a Three-dimensional Imaging with Direct Method on Dried Skull** 92-96
RH Kamble, Sachin V Patil, PV Hazarey, Anil G Ghom

ORIGINAL ARTICLES

- **Micronucleus Assay for Evaluation of Genotoxicity in Potentially Malignant and Malignant Disorders** 97-100
Parvathi Devi, Thimmarasa VB, Vishal Mehrotra, Pallak Arora
- **Radiographic Determination of Position and Symmetry of Mental Foramen in Central Indian Population** 101-103
Shweta Gangotri, VM Patni, RS Sathwane
- **Grayscale Ultrasonography in the Assessment of Regional Lymph Nodes in Oral Cancer and its Correlation with TNM Staging and FNAC** 104-107
Ankur Aggarwal, M Jonathan Daniel, SV Srinivasan, Charles P Sargouname

REVIEW ARTICLES

- **Teledentistry: An Art and Science of Healing** 108-111
Rajan Shirolkar, Kosha Pritesh Ruparelia, Chandramani More, Pritesh Ruparelia
- **Indian Perspective of Strengthening Priorities in Cancer Prevention: Connecting the Missing Links** 112-114
Tushar Phulambrikar, Panjab V Wanjari, Ashish M Warhekar, Prashanthi Reddy

- **Dentin Hypersensitivity: Recent Concepts in Management** 115-119
Vijay Mantri, Rahul Maria, Neeraj Alladwar, Savita Ghom
- **Plasma Therapy: An Overview** 120-123
*Rajkumar Diwan, FM Debta, Abhijeet Deoghare, Savita Ghom, Anshul Khandelwal
Sarbani Deb Sikdar, Anil G Ghom*
- **Oral Lumenoscopy: An Adjuvant in Early Screening of Oral Cancer** 124-127
Anshul Aggarwal, Renuka Ammanagi, Vaishali Keluskar
- **Corticosteroids in Dentistry** 128-131
Basavaraj Kallali, Kamlesh Singh, Vidhi Thaker

CASE REPORTS

- **Mucormycosis and Myiasis in Uncontrolled Diabetes: A Double Whammy** 132-135
Om Prakash D Toshniwal, Ravi Prakash SM, Navneet Gill, Sankalp Verma
- **Van der Woude Syndrome: Case Reports and a Review** 136-138
Vinay Kumar Reddy K, Ramesh TVS, Rajasekhar G, Venkateswara Rao G, Kruthi N
- **Arteriovenous Malformation of Tongue: A Case Report and Review of Literature** 139-142
Mallayya Pujari, Shraddha Bahirwani, Balaji P, Rachna Kaul, Bina Shah, Deepak Daryani
- **Odontogenic Myxoma: Report of Two Cases with Review of Literature** 143-146
Priya Sara Thomas, Subhas Babu G, Chandni Mishra, Anusha RL, Shishir Shetty
- **Creepy Crawlies in the Mouth: A Rare Case Report** 147-149
Gagan Puri, Sheeba Mohindra, Rajdeep Brar, Prabhleen Brar
- **Keratocystic Odontogenic Tumor: Case Reports and Review of Literature** 150-154
Mukta B Motwani, Sunil S Mishra, Ruchi M Anand, Shirish S Degwekar, Rahul R Bhowate
- **Oral Manifestations established the Diagnosis of Hyperparathyroidism:
A Rare Case Report** 155-158
PV Wanzari, Arati Chaudhary, Vanaja Reddy, Pratiksha Hada
- **Primary Malignant Melanoma of the Gingiva: A Case Report and Review of Literature** 159-161
Niti Singhal, Sugandha Mohan, GK Lehl, N Nagarkar



JAYPEE

Advertising & Marketing

Dedicated to Mark Your Presence in Medical Fraternity

We Extend Our Effectual Support in Form of:

**Advertisement | Bulk Subscription | Reprints | e-Prints
Online Advertisement | Customization | CME | Endorsements**

- Our tactical and conversant publishing team owns a targeted approach to aid you in designing customized market solutions to make you reach key markets and also enjoy business proliferation with our competitive pricing.
- Being world's leading, extensive medical publishers, our state-of-art products and services developed under the close association of local and international medical experts meet your marketing and educational program requirements productively.
- Our growing international associations give you a platform to experience campaign on global front.
- Our PER division includes a team of renowned doctors and specialists to undertake content management for your products and services.

Explore more at:

www.jaypeejournals.com



Jaypee Brothers Medical Publishers Pvt. Ltd.

Domestic & Overseas Operations

Ahmedabad • Bengaluru • Chennai • Chandigarh • Guwahati • Hyderabad • Kochi • Kolkata
• Lucknow • Mumbai • Mangalore • Nagpur • Patna • Pune • Vijayawada
• London (UK) • Panama City (Panama)

Corporate Office

4838/24 Ansari Road, Daryaganj, New Delhi 110 002, India

Phone: 91-11-43574357

e-mail: journals@jaypeebrothers.com

Journal of Indian Academy of Oral Medicine and Radiology

INSTRUCTIONS TO AUTHORS

The sole aim of this journal is to provide a platform to bring forward research oriented and original work done by our fellow colleagues and to provide most upto date information on recent advance in field of oral medicine and radiology both nationally and internationally. We will offer an online submission facility to maintain fast reviewing process and editorial decisions so that authors do not face any inconvenience due to delays.

The journal publishes papers on all the aspects of Oral Medicine and Radiology. Manuscripts prepared according to "Uniform Requirements of Biomedical Journal" are invited for editorial review and publication. Published papers are the views of the respective authors and do not necessarily represent the views of the editorial board or publishing house.

The following instructions have been included under this section:

1. Editorial Policies for Authors
2. Editorial and Peer Review Process
3. Types of Submissions Accepted
4. Manuscript Components
5. Manuscript Submission
6. After Acceptance

1. EDITORIAL POLICIES FOR THE AUTHORS

Animal Studies

It is the responsibility of the authors to assure that their experimental procedures are in compliance with the guiding principles in the "Care and Use of Animals" (published each month in the "Information for Authors" of the American Journal of Physiology or available online at <http://www.nap.edu/books/0309053773/html/>) and to document that these studies were approved by the appropriate institutional animal care and oversight committee.

Ethical and Humane Considerations

Journal of Indian Academy of Oral Medicine and Radiology is dedicated to the humane and ethical conduct of all studies involving living subjects. All clinical trials involving human subjects must be registered, retroactively if necessary, before being considered for publication.

In studies with human subjects, the author must indicate in the "Methods section" whether the procedures, including obtaining informed consent, were conducted in accordance with the ethical standards of the Committee on Human Experimentation of the institution in which the experiments were done or in accordance with the ethical standards of the "Helsinki Declaration of 1975".

For experiments with animal subjects, briefly explain the measures taken to ensure compliance with established guidelines for humane use and care of laboratory animals, citing the origin of these guides (e.g. institution's Animal Care Committee, US Department of Agriculture, NIH, National Research Council, others).

Authorship

To qualify for authorship, each author should contribute substantially to the intellectual content of the work from inception to published article. Such contribution consists of: (1) Participating in the conception and design or analysis and interpretation of data; (2) Drafting the article or critically revising it; and (3) Approving the final version submitted, and approving any subsequent revisions. All three conditions must be met to justify authorship.

Conflict of Interest/Financial Disclosure: Authors are required to disclose any financial interests, direct or indirect (dual commitment), that might affect the conduct or reporting of the work they have submitted. Such financial interests may take the form of corporate appointments, consultancies, stock ownership, other equity interests or patent licensing arrangements with companies mentioned in or related to the subject matter of the article being submitted. A full disclosure is desirable. Such financial interests should be disclosed to the Editor-in-Chief in the cover letter, on a separate conflict of interest page in the manuscript and on the conflict of interest forms accompanying the article at the time of submission. The conflicts of interest disclosed on the conflict of interest form should be the same as those disclosed on the conflict of interest page in the manuscript. It is the responsibility of the corresponding author to ensure that all coauthors provide the necessary disclosure information. Conflict of Interest forms can be found on the online submission site (<http://www.jaypeejournals.com>) and on the JIAOMR website (<http://www.jiaomr.com>). Conflict of interest information will be published for all accepted manuscripts.

American Association of Medical Colleges Guidelines: In September of 2006, the ASBMR Council voted to adopt the AAMC "Principles for Protecting Integrity in the Conduct and Reporting of Clinical Trials." Please find a list of these guidelines at the AAMC website.

Please read over the guidelines to ensure that your manuscript and study comply with these principles. We now require that you initial a line on the conflict of interest form stating that your study has complied with a prespecified analysis. Additionally, each manuscript must disclose, on the conflict of interest page, the role each author has played in conducting the study and preparation of the manuscript.

Duplicate Publication: The Journal will not accept duplicate publication of scientific data. Manuscripts submitted to Journal of Indian Academy of Oral Medicine and Radiology should not have been published/ accepted for publication or simultaneously submitted. The "possible" duplicate manuscript should be submitted with the original publication (s) and the authors should provide documentation/statement to justify the originality of the newly submitted manuscript.

Human Subject Studies: It is the responsibility of the authors to assure that all clinical investigations detailed in manuscripts submitted to Journal of Indian Academy of Oral Medicine and Radiology are conducted in accordance with the "Declaration of Helsinki" and to document that these studies have been approved by the appropriate institutional human research committee of the institution(s) with which the authors are affiliated. It is the author's responsibility to ensure that a patient's anonymity be completely protected. It is the authors responsibility to ensure that identifying information within written descriptions, photographs (authors should mask patient's eyes in such a manner as to prevent

identification) or pedigrees is not published. If such information is included as essential scientific information, the authors must obtain and submit written consent of patient or guardian to publish such photographs in the print and electronic versions of the journal.

Prior Publication: The Journal will accept original manuscripts that contain material that has not been reported elsewhere, except in the form of an abstract of not more than 400 words, or an alternative short communication. If any preliminary report other than an abstract has been published or submitted, copies must be submitted with the manuscript and this must be noted in the cover letter to the editor. Prior abstract presentations must be described in a footnote to the title. Initial submissions must be accompanied by the copyright assignment form, with original signatures of all authors.

Shared Material: As a condition for publication, cell lines, hybridomas, DNA clones, antibodies, biological reagents and animal models described in papers published in the *Journal* will be made available to scientists in noncommercial institutions for purposes of replicating the reported studies.

2. EDITORIAL AND PEER REVIEW PROCESS

The Editorial team has established a process under which all manuscripts would undergo an initial review by the editorial staff, comprising of an editor, one Associate Editor, and at least one member of the Editorial board to ensure the manuscript meets certain criteria. Under this scheme, some of the new submissions may be returned to the authors without formal review, for reasons that may include:

- Insufficient direct relevance to oral medicine and radiology,
- Inadequate or unethical methodology,
- Inadequate statistical power or assessment.

All other manuscripts will undergo the full peer review process, being referred to an Associate Editor, who will identify reviewers (from the preapproved list of reviewers) with the expertise to review the manuscript.

Reviews and decisions on manuscripts in which the editor or one of the associate editors is a coauthor are managed independently by another associate editor, in conjunction with a member of the editorial board.

Corresponding authors will receive a full response on their manuscript detailing any changes required by the Reviewers and Editorial team and the decision about the acceptance or otherwise of the manuscript. Authors who wish to object to an unfavorable decision must do so within two months of notification of a decision.

Responsibilities of Reviewers: External peer reviewers should disclose to the Editor-in-Chief any potential conflicts of interest that could bias their opinions of the manuscript.

Time Table

The Editorial Board at JIAOMR follows a rigid time table and as far as possible tries to adhere to it.

- | | |
|--|---------|
| 1. Time from receiving manuscript to initial (provisional) approval/disapproval by editorial board. | 7 days |
| 2. Time from approval to completion of peer review. | 5 weeks |
| 3. Time for authors to send back the correction or explanations to comments by peer reviewers. | 3 weeks |
| 4. Time for final acceptance by the editorial board based on peer review process. | 2 weeks |
| 5. Time for authors to send in the final corrected draft. | 2 weeks |
| 6. Time for JIAOMR to set up the article in its format. | 8 days |
| 7. Time for authors to do the final proof reading. | 7 days |
| 8. Time for JIAOMR to do the proof read changes. | 3 days |
| 9. Time for JIAOMR to publish the online first version (only if time to final publication is more than 15 days). | 5 days |

The manuscripts will be reviewed for possible publication on the understanding that they are being submitted only to one journal at one time and have not been published, simultaneously submitted, or accepted for publication elsewhere.

1. As the first step, the editors review all the submitted manuscripts. Manuscripts that are not original enough, indicate serious scientific flaws, or do not convey significant messages would be rejected (read editorial statements).
2. All the manuscripts that are submitted are duly acknowledged.
3. Each manuscript would be initially screened by a nonmedical editor in order to check for the conformity with our journal and completeness of the article. Only complete articles would be finally accepted and forwarded to the editors each manuscript would be then reviewed by the medical members of the editorial team. They inform the author if the article has been accepted for peer review or has been rejected. If rejected, the corresponding author will be informed via an e-mail.
4. If approved for peer review the article is then placed under the supervision of one (out of the initial three) member of the editorial team. The manuscripts are then de-identified and sent to two or more expert reviewers. The comments of the reviewers are forwarded to the author for explanation or draft improvement.
5. After receipt of the answers or revised draft from the authors in response to the peer review comments, the coordinating editor takes the final decision regarding the acceptance of the manuscript. The whole process is completed within 6 to 7 weeks.
6. *Language edit:* The manuscripts that are accepted are edited for grammar, punctuation, style, and format. Page proofs will be sent to the author and have to be returned within three days. Any correction or modification made to the manuscript after that period may not be included.
7. *Note:* The e-mails containing original manuscripts, which have been rejected, will be removed from our system within 30 days of editorial board communicating its decision.

3. TYPES OF SUBMISSIONS ACCEPTED

Editorials: Usually provide commentary and analysis concerning an article in the issue of the Journal in which they appear. They may include figures and tables. They are always solicited. The editorials would be limited to 1000 words with up to 10 references.

Original Articles: Reports of original clinical and basic research of interest to the Oral Medicine and Radiology community are the primary material to be published as original articles. Randomly controlled trials intervention studies, studies of screening and diagnostic tests, outcome studies, cost-effectiveness analysis, case-control series, and surveys with a reasonably high response rate. The text would be limited to 3000 words, with an abstract of 250 words, maximum of 5 tables and figures (total) and up to 40 references.

Reviews and Clinical Debates: Reviews and clinical debates may be solicited or proposed. Review articles would be invited by the editorial board comprising of a group or team with acknowledged research interest and outstanding experience in a particular area. They would cover a contemporary topic and would generally be wide-ranging overviews of a field of research. Proposed reviews/clinical debates must be

approved by the Editor-in-Chief prior to submission. The reviews and clinical debates will be subject to the standard review process. Maximum length would be 3000 words with 6 tables and figures (total) and 50 references.

Case Reports: The Journal encourages the submission of case reports that highlight practical diagnostic and/or management considerations. In general case reports should be limited to two printed page (text and figures). The format of these papers should follow that described in the "Preparation of Manuscript" section below. Identifying information within written descriptions, photographs, or pedigrees should not be given.

Case Study: Each issue of Journal of Indian Academy of Oral Medicine and Radiology would carry case study of a typical Oral Medicine and Radiology case describing the detailed diagnostic work-up and management.

Letters to the Editor: The Journal accepts Letters to the Editor that raises some issues related to recently published articles (last 6 months) in Journal of Indian Academy of Oral Medicine and Radiology. The letters should not exceed 400 words of text and 4 references. While not all "Letters to the Editor" will be published, those that are judged worthwhile will be forwarded to the authors of the articles in question or to selected experts in order to provide the opportunity for a response. Whenever possible, they will be published with the reply of the author of the published article. Letters to the Editor should be submitted to our online system at www.ms.jiaomr.com/or sent by email to editor@jiaomr.com

Surgeon's Perspectives: Short narrative of experience/perspective in the surgical sphere. Should contain a clear, informative, educative, or enlightening message. These can contain up to 1000 words.

Book Reviews: Books for review shall be posted on the journal, and received reviews shall be published, at the discretion of the Editorial Board. Every book up for review shall also be reviewed by certain reviewers on invitation by the Editorial Board, usually a stalwart/pioneer in the subject in question.

Announcements: Announcement of conferences, meetings, courses, awards, and other events of interest to the readers should be submitted with the name and address of the person from whom additional information can be sought. These can contain up to 100 words.

How I Do It: This would be solicited or proposed. These would focus on specific surgical technique of various Oral Medicine and Radiology procedures including novel techniques and must be accompanied by illustrations and no more than 4 photographs.

4. MANUSCRIPT COMPONENTS

Manuscript should be prepared in text file and separate file for illustrations. Times new roman or arial font with a font size of 12 and double spaced text with one inch margin should be the basis of text field.

The manuscript must be submitted in the following order:

Title Page, the page transfer of copyright form Conflict of Interest Page, Abstract, and the text of manuscript or the article (Number **all** pages consecutively).

A. Title Page

Title page must be placed as the first page of the manuscript text file and should contain the following information.

Title of Paper

Name and affiliation: Full name of each author (first name, middle initial and last name) followed by each author's highest academic degree(s). Name of department(s) and institution(s) with which each author is affiliated and to which work should be attributed.

Address: Name, address, telephone number, fax number, and e-mail (if available) of corresponding author. Name, address, and telephone number of author to who requests for reprints should be addressed, or a statement that reprints will not be available from the author(s).

Cite all funding sources of support for the publication of work or study. A short running head of no more than 45 characters, including spaces, Number of Words/Characters in abstract and manuscript, Number of Figures (color and black/white counted separately).

B. Transfer of Copyright Form

The appropriate form can be downloaded as a PDF from the Instructions for Authors web page at www.jiaomr.com and must be signed by all authors of a manuscript and may be submitted by fax or mail after manuscript submission.

C. Conflict of Interest Page

Authors should disclose all financial interests, direct or indirect (dual commitment) that might be construed as affecting the conduct or reporting of the work they have submitted. They could be in the form of corporate appointments, consultancies, stock ownership, other equity interests or patent licensing arrangements. The conflict of interest page should take the form of a statement such as the one below. If no author has a conflict, the statement should read: All authors have no conflicts of interest. If there is a conflict of interest: then : Dr. Y serves as a consultant for X company, Dr. Z is an employee of Y Company and Dr. A owns stock in Company Z. All other authors have no conflicts of interest.

D. Structured Abstract

The purpose of the structured abstract is to concisely present the data contained in the manuscript and should be self-explanatory. It should not be more than 250 words. The format should consist of: **Introduction, Material and Methods, Results, and Conclusions**. A list of keywords must be included at the end of abstract.

E. Text of the Manuscript/article

We wish to emphasize the importance of clarity and succinctness of the presentation of material. Please respect the relevance of all material to the Introduction, Methods, Results and Discussion (IMRD) and avoid unnecessary repetition. Do not repeat the results and conclusions in the Introduction. Conclusions should not be stated throughout the Results section. Results should not be restated throughout the Discussion section. Avoid simply restating the Results in the Discussion rather than explaining how each result advances the overall conclusions of the study. The final part of the Discussion should refer back to the rationale for the study and explain how the findings have advanced the area. We strongly recommend authors to employ the format and guidelines detailed below. The International system of Units (SI units) is recommended. It is desirable to include appropriate conversion factors to aid the reader.

Introduction

This should clearly state the purpose of the study and identify what issues are going to be addressed.

Materials and Methods

This section should carefully describe the selection of the observational or experimental subjects (human or nonhuman) and methods and materials used, including sample size and statistical approaches. Commonly used techniques or methods should be referred to appropriate references and should be described in brief. However, unique experiments, methods, technique should be described in adequate detail to allow other workers to reproduce the results.

For studies involving living subjects, please see section, below, on Ethical and Humane Considerations and the information regarding mandatory clinical trial registration.

Results

This section should succinctly state the results without any lengthy discussion or interpretation of individual data. Data should be presented using tables, illustrations and graphs. Data in table or illustration form should be referenced in the text, not repeated (e.g. detailed information should not be given in text and tables). Statistical tests should be clearly defined and statistical significance should be shown in both figures and tables with the help of superscripts such as a, b, c, rather than *, †, # or other nonsequential symbols.

Discussion

The discussion should focus on the new and important findings of the study. The observations should be related to other relevant studies in a logical sequence. It should summarize, but not repeat the Results. The Discussion should end with a summary of the data and conclusions. The conclusions should be linked with the aims and objectives of the study and should clearly state whether the objective was achieved. Limitations of the study should also be mentioned.

Acknowledgments

Authors are encouraged to acknowledge those who contributed to the manuscript but who do not qualify for inclusion as authors- technical help, writing assistance, etc. Authors should acknowledge in the manuscript all support for the work, including funding, equipment and drugs.

Manufacturer Name: Please provide the name of manufacturer of all products used in paper.

References

The author is responsible for the accuracy and completeness of the references. Place the references (double-spaced) at the end of the manuscript. Cite the references numerically in the text in the order of appearance. If there are more than three authors, name only the first three authors and then use et al. Refer to the List of Journals indexed in Index Medicus for abbreviations of journal names, or access the list at http://www.nlm.nih.gov/tsd/serials/terms_cond.html.

References to journal articles should include, in this order, (1) Authors (list all authors and/or editors up to 6; if more than 6, list the first 3 and "et al", (2) Title, (3) Journal name as abbreviated in Index Medicus, (4) Year, (5) Volume number, (6) Issue number, and (7) Inclusive page numbers.

References to books should include (1) Authors (list all authors and/or editors up to 6; if more than 6, list the first 3 and "et al), (2) Chapter title, if any, (3) Editor, if any, (4) Title of book, (5) Year, (6) City, and (7) Publisher. Volume and edition numbers, specific pages, and name of translator should be included when appropriate.

For references to articles published online before print follow the following order: Author. Article title. Journal title. Year, Month Day; (Epub ahead of print). Accessed on mm/dd/yyyy. Available at: Website (exact website, or enough to lead the reader to the link). Sample references are given below.

References to Online Material:

Online journal: Horton MA, Boyde A, Rimmer EF What is it all about? Arch Pediatr Adolesc Med (serial online) Available at: <http://www.ama-assn.org/sci-pubs.html>. Accessed November 10, 2001.

Online reference (website information, not journal related): Williams A, Lea A, Allen D Kidneys and Cartwheels. Available at: <http://www.science.com/>. Accessed November 10, 2001.

Journal article: Hay ID, Grant CS, Bergstralh EJ, et al. Unilateral total lobectomy: Is it sufficient surgical treatment for patients with AMES low-risk papillary thyroid carcinoma? Surgery 1998;124:958-966. Book chapter Dilworth TF. The nerves of the larynx. In: Jackson C, Jackson CL (Eds). Diseases of the nose, throat and ear. Philadelphia: WB Saunders;1945.

Entire book:

Sedjwick C: Major problems in clinical surgery, Philadelphia, 1974, WB Saunders Electronic Preprint article.

References to articles published online before print:

Agarwal A, Gupta SK, Sukumar R 2009 Hyperparathyroidism and Malnutrition with severe Vitamin D Deficiency. World J Surg. Published online April 29, 2009; doi:10.1007/s00268-0044-0.

Software:

Epi Info (computer program). Version 6. Atlanta: Centers for Disease Control and Prevention;1994.

Online journals:

Friedman SA. Pre-eclampsia: A review of the role of prostaglandins. Obstet Gynecol (serial online). January 1988;71:22-37. Available from: BRS Information Technologies, McLean, VA. Accessed December 15,1990.

CANCERNET-PDQ (database online). Bethesda, MD: National Cancer Institute; 1996. Updated March 29, 1996.

Database:

World Wide Web:

Gostin LO. Drug use and HIV/AIDS (JAMA HIV/AIDS website). June 1, 1996. Available at: <http://www.ama-assn.org/special/hiv/ethics>. Accessed June 26, 1997.

Figures and Tables

Tables and illustrations should not include data that can be given in the text in one or two sentences. Tables and illustrations should complement and not repeat the text. Type each table on a separate sheet of paper. Submit tables separately from the manuscript text file. Use Arabic numerals to number tables and cite the tables consecutively in the text. Multipart figures must be labeled (i.e. A,B,C). Please use small non-bold, nonitalic capital letters and place them in arial font when using figure headings/labelings. Each table must contain all necessary information in the table title. Each table must be accompanied by the explanatory legends, including definition of any abbreviations.

Illustrations or Figures

Do not send original drawings or roentgenograms. Illustrations or figures must be submitted electronically as high resolution individually numbered TIFF (Tagged Image File Format) or EPS (Encapsulated Postscript) files online. The authors must obtain permission to reproduce figures, tables, text, and abstracts from previously published material. Written permission must be obtained from the original copyright holder (generally the publisher or the sponsoring society, not the author) of the journal or book concerned. An appropriate credit line should be included in the figure legend or table footnote and full publication information in the reference list. Written permission must be obtained from the author of any unpublished material cited from other laboratories and should accompany the manuscript. Please submit figures that are close to publication size to ensure that clarity and legibility will be maintained when the figure is reproduced/reduced in size.

Figure Legends: A separate list of figure legends should be supplied for all the figures at the end of the manuscript. Figure legends should be brief and specific.

Color Figures: The journal accepts color figures and photographs which add to the quality of the article. There are no charges for color figures.

Introduction file should contain a covering letter, acknowledgment and title page (type of manuscript, title of manuscript, complete address, degree and academic details of all authors including phone numbers and e-mail. The details of corresponding author must be mentioned separately).

Photographs: Colored photos with minimum 300 dpi resolution of 4 × 6 inch should be sent. Labels citing the legend, figure no., author and title of the manuscript should be pasted on back of "photograph".

Legends should have detailed explanation of the illustrations.

Acknowledgments

Funding and other sources of support must be disclosed in this section. Personal acknowledgment should be limited to professionals who have contributed to the paper but whose contribution does not justify authorship.

Abbreviations

Use only standard abbreviations for units of measurement and approved abbreviations when citing journals in your manuscript's Reference section. The following sources contain complete listings of abbreviations.

- American Medical Association (AMA) Manual of Style.
- List of Serials Indexed for Online Users, published by The National Library of Medicine Click on the heading titled "Databases and Resources", and then on the subheading "LocatorPlus".

Revised Manuscripts

We will make every effort to reduce the time between submission and first response and between submission of revised manuscript and second response. In general, failure to adequately deal with issues raised by reviewers with one revision will preclude acceptance of a manuscript. If a revision is not submitted within 90 days, the file on that manuscript will be considered closed.

Copyright

JIAOMR holds the copyright of all the editorial content published in this journal. All accepted manuscripts and their accompanying illustrations become a permanent property of JIAOMR and may not be published anywhere in part or full, in print or electronically without written permission from JIAOMR.

Reprint

No free reprints will be provided to the author or others. The journal can be subscribed at a discount of 25 percent by the author of the article.

Disclosures

Authors should include all relevant information regarding conflicts of interest and financial disclosure statement.

5. MANUSCRIPT SUBMISSION

Manuscript Submission

Manuscripts are received with the understanding that they contain original data that is not previously published or is being considered for publication elsewhere. Only individuals who have made significant contributions to the manuscript should be listed as authors, all other contributions should be noted in acknowledgments.

Submitting Manuscripts Electronically

To submit a manuscript electronically, please go to our website, www.ms.jiaomr.com

You will first be asked to register, which will require you to provide contact information, including your telephone and fax numbers and your e-mail address. Please do not register in the system more than once as this will create duplicate profiles within the system and may cause technical difficulties in accessing the online system. The system will assume that you are the designated corresponding author and all communications concerning the manuscript will then be directed to you.

Although no printed copies of your manuscript are required, the format of the manuscript remains the same as with paper submissions.

Signed Transfer of Copyright statements are required by the publisher as a condition of publication and should be submitted electronically with the manuscript, or by fax, regular mail, or private courier.

Submitting Manuscripts by Mail

JIAOMR requires all manuscripts to be submitted electronically. If, for some reason, you are unable to submit a manuscript through our online system, you may contact our Editorial office by e-mail, telephone or fax and we will try to assist you in submitting your paper.

Editorial Office: Anil Ghom, Professor and Head, Department of Oral Medicine and Radiology, Chhattisgarh Dental College and Research Institute, Sundra, Rajnandgaon, Chhattisgarh-491441, India, Phone: 09993684365, e-mail: sanvil@radiffmail.com dranil.ghom@gmail.com, anil_ghom@yahoo.com

6. AFTER ACCEPTANCE

Page Proofs and Corrections: Corresponding authors will receive electronic page proofs to check the copyedited and typeset article before publication. Portable document format (PDF) files of the typeset pages and support documents (e.g. reprint order form) will be sent to the corresponding author via e-mail. Complete instructions will be provided with the e-mail for downloading and printing the files and for faxing the corrected pages to the publisher. Those authors without an e-mail address will receive traditional page proofs. It is the author's responsibility to ensure that there are no errors in the proofs. Changes that have been made to conform to journal style should be allowed to stand if they do not alter the authors' meaning. Proofs must be checked carefully and corrections faxed within 24 to 48 hours of receipt, as requested in the cover letter accompanying the page proofs.

Reprints: Reprints may be ordered by using the special reprint order form that will accompany the proofs. (Please note that the address for ordering reprints, which is on the order form, is different from the address to which you return your proofs).

Journal of Indian Academy of Oral Medicine and Radiology

Copyright Ownership and Legal Rights Statement

CONDITIONS FOR SUBMISSION

You warrant that the work/contribution is your original research material and has not been published before and should not be under consideration of publication elsewhere except for previous publication in form of an abstract or as part of published literature (review or thesis) as may be included with the written permission of the copyright owners. You further warrant that the work/contribution (i) is not subject to any prior claim, encumbrance or agreement, (ii) will include appropriate warnings of harmful instructions, formulas and procedures, and (iii) will not contain any material that violates any copyright, personal proprietary or other right. This exclusive grant of rights under this Agreement means that you may not delegate, assign, sub-contract or license the work/contribution in whole or in part to third parties without the prior written consent of the Publisher.

If your work/contribution contains extracts or material from other copyright works, you will obtain at your own expense before a paper can be considered for publication along with written permission, which shall be forwarded to the Publisher on delivery of the work/contribution from each copyright holder to use and reprint such material in all versions, forms and media now or hereafter known, including all existing and future copyright and any renewals and extensions thereof anywhere in the world. Furthermore, you will identify such material (if any) in the work/contribution and provide full and appropriate acknowledgement of its source. If such permissions are not obtained in a timely manner, you will provide substitute material, revise the work/contribution accordingly and obtain the requisite substitute permissions, if necessary. If relevant, you will obtain medical patient releases from patients if information about them or illustrations of them are used in the work/contribution.

COPYRIGHT TRANSFER

Once the corresponding author has signed the Copyright Transfer form, Jaypee Brothers would accept no change in authorship or in the order of the authors listed in the work/contribution. Also by signing the concerned form, the author reassigns the rights of copublishing, or translation, including the digital rights, if considered necessary in future to the publisher. In the advent of occurrence any dispute, the matter would be resolved within the jurisdiction of New Delhi court.

LEGAL OBLIGATIONS

While all care has been taken to provide accurate and correct information in accordance with the date of publication, neither the authors, editors nor publisher takes any legal responsibility for any unintentional omission or error. The publisher makes no expressed or implied warranty with respect to the information contained herein. The published material cannot be photocopied for the following purposes: general distribution, promotion, new works or resale. If this is required, specific written permission requires to be obtained from the publisher. Exclusive rights to reproduce and distribute the articles in this journal have been protected by copyright. This also covers the rights to reproduce or distribute the article as well as the translation rights. No material published in this journal can be reproduced in digital format or stored in form of electronic databases, video disks, etc without the prior permission from the publisher.

1. COPYRIGHT TRANSFER FORM

I have read the above mentioned details related to copyright of the work/contribution submitted and I _____, the author of

_____ certify that I willingly assign the copyright of my work/contribution _____ to the publisher M/S Jaypee Brothers Medical Publishers (P) Ltd., who will have the exclusive right of producing (in print or digital format) the complete work or any portion of it.

I hereby certify that the work which I am submitting to the publisher is my own and does not contain any matter which in anyway is infringement of the copyright law.

Name: _____

Date signed: _____

2. FINANCIAL DISCLOSURE

This is to certify that I _____, the author of

_____ do not have any commercial association or financial interest in the publication of this work/contribution.

Name: _____

Date signed: _____

3. CONFLICT OF INTEREST

This is to certify that I _____, the author of

_____ do not have any commercial association or financial interest in the publication of this work/contribution.

Name: _____

Date signed: _____

SUBSCRIPTION INFORMATION

Annual Subscription

Individual:	₹ 2000.00	(National)
	\$ 120.00	(International)
Institutional:	₹ 3500.00	(National)
	\$ 200.00	(International)

Subscription can be sent to
M/s Jaypee Brothers Medical Publishers (P) Ltd
Journals Department
Jaypee Brothers Medical Publishers (P) Ltd
4838/24 Ansari Road, Daryaganj
New Delhi 110 002, India
Phone: +91-11-43574357
Fax: +91-11-43574314
e-mail: journals@jaypeebrothers.com

This journal is published quarterly in a year, i.e. March, June, September and December. Dollar rates apply to subscribers in all the countries except India where INR price is applicable. All subscriptions are payable in advance and all the rates include postage. Journals are sent by air to all the countries except Indian subcontinent. Subscriptions are on an annual basis, i.e. from January to December. Payment will be made by dollar cheque, credit card or directly through our bank account at the following address:

1. Our Banker's Name: Canara Bank, Netaji Subhash Marg
Darya Ganj, New Delhi 110 002
2. Telephone No: 011-23273015, 011-23273849
3. Fax No: 011-23255606
4. Telex No: 3166291
5. Our Current A/c No: **3828**
6. Amount to be Transferred
in the Name of: JAYPEE BROTHERS MEDICAL
PUBLISHERS (P) LTD, NEW DELHI
7. Swift Code No: CNRB IN BB DFM

For further queries, please do not hesitate to contact at subscriptions@jaypeebrothers.com

ADVERTISEMENT RATES

(For the Print Issues)

Page

Single Issue

Back cover—color	₹ 50,000	\$ 1000.00
Inside front cover—color	₹ 40,000	\$ 800.00
Inside back cover—color	₹ 35,000	\$ 700.00
Inside full page—color	₹ 30,000	\$ 600.00

Special position: **Price on request**

Technical Details

Paper size	8.5 x 11.5 inches
Print size	7 x 10 inches
Digital file format	EPS on CD (at 300 dpi resolution)
Printed on art paper using offset printing.	

Schedule

Issues are published in the months of March, June, September and December.

Advertisement material along with purchase order and payment should reach us at least four weeks prior to the scheduled print date.

Payment Details

- Payment should favour "Jaypee Brothers Medical Publishers (P) Ltd." and should be payable at New Delhi, India.
- Payment to be done at the time of submitting the advertisement material/booking the advertisement. Please send your advertisement request, payment and advertisement material to the address given above. Editorial board reserves the right to accept or decline the advertisement.

For further queries, please contact abhinav.kumar@jaypeebrothers.com or rakesh.sheoran@jaypeebrothers.com

Paper size 8.5 x 11.5 inches

Print size
7 x 10 inches