

REVIEWER'S REPORT

Manuscript No.: **IJAR-57558**

Title: BIBLIOMETRIC ANALYSIS of CRANIOFACIAL DEFORMITIES in DENTOMAXILLOFACIAL RADIOLOGY: THEMATIC TRENDS and EVOLUTION of RESEARCH AREAS

Recommendation:

Accept as it is

Accept after minor revision...✓.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality			✓	
Clarity		✓		
Significance		✓		

Reviewer's ID: JPR- **098**

Detailed Reviewer's Report

Decision: Accept after Minor Revision

Summary:

This manuscript presents a bibliometric analysis of publications related to craniofacial deformities in dentomaxillofacial radiology using the Web of Science Core Collection database. The study evaluates publication trends, thematic evolution, keyword co-occurrence networks, major contributing authors/institutions, and conceptual structures within the field. The topic is relevant and timely, particularly considering the increasing role of three-dimensional imaging and CBCT in craniofacial diagnosis and treatment planning. The manuscript is generally well organized and methodologically appropriate for bibliometric research.

Strengths

1. The study addresses an important and evolving research field in dentomaxillofacial radiology.

REVIEWER'S REPORT

2. Bibliometric methodology is clearly described and appropriate for the study objective.
3. Use of thematic mapping, keyword co-occurrence, and thematic evolution analysis adds value to the manuscript.
4. The manuscript demonstrates a clear increase in scientific production trends and effectively identifies major research themes such as orthognathic surgery and cephalometry.
5. Discussion and conclusions are generally supported by the presented findings.
6. Limitations are acknowledged appropriately.

Major Issues

1. The study relies solely on the Web of Science Core Collection database, which may limit the comprehensiveness of the bibliometric analysis. Inclusion of Scopus or PubMed databases could strengthen the study.
2. The search strategy appears somewhat narrow and may not capture all relevant literature related to craniofacial deformities and imaging modalities.
3. There is limited discussion regarding the clinical significance and practical implications of the identified bibliometric trends.
4. Some figures require improved readability and higher resolution for publication quality.
5. The manuscript lacks deeper comparative analysis with previous bibliometric studies in related craniofacial or radiological fields.

Minor Issues

1. Several formatting inconsistencies and spacing problems are present throughout the manuscript, particularly in the Results section.
2. Some grammatical and typographical errors require language polishing.
3. Certain references are relatively old; inclusion of more recent references (2024–2025) may improve literature relevance.
4. Figure captions could be more descriptive for better reader understanding.
5. The abstract can be strengthened by including more quantitative findings.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Final Comment

The manuscript presents a valuable bibliometric overview of craniofacial deformities research within dentomaxillofacial radiology and offers useful insights into thematic development and research trends. The study is methodologically sound and suitable for publication after minor revisions addressing database coverage, figure quality, formatting, and language improvements.