INTERNATIONAL ORTHODONTICS

DESCRIPTION

International Orthodontics publishes in English worldwide peer-reviewed scientific and technical articles aimed to orthodontists. The journal considers for publication papers written by recognized international teams, mainly original articles and reviews, case reports and technical notes, provided that:
• the methodology and scientific content are of high quality,
• every stage of the orthodontic treatment is examined,
• the results have substantial clinical impact and/or importance for the Orthodontist's knowledge.

All articles are supported by numerous colour illustrations for greater didactic clarity, tables and/or statistical data for greater understanding of the research findings.

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INTRODUCTION
International Orthodontics publishes in English worldwide peer-reviewed scientific and technical articles aimed to orthodontists.
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the results have substantial clinical impact and/or importance for the Orthodontist's knowledge.
All articles are supported by numerous colour illustrations for greater didactic clarity, tables and/or statistical data for greater understanding of the research findings.
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Abstract
- Abstract with IMRaD structure (~250 words)
- Abstract including the following points beginning with *

Keywords
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Introduction
Context
- Introduction: from the general to the specific & from the known to the unknown (with relevant citations)
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Aim(s)
* Main objective (and secondary if needed) with PICO/PECO model

Material and Methods
Study design
* Randomized controlled trial, Case-control study, Cohort study,

Material
- * Eligibility criteria (target population)
- * Sampling technique (where and how subjects were collected)
- * Grouping technique (randomization, pairing, stratification,).
- Number of subjects required

Methods
Protocols and factors (what, how, when, who,...)
* Protocol(s), intervention(s) or exposure(s), outcome(s) and confounding factor(s) definitions

Tests and analysis
- Initial group comparison (sex, age,)
- Simple statistic tests comparing outcome(s) in the different groups (responding to the main objective)
- Multi-factorial tests including confounding factors (especially for observational studies)
- Sub-group analysis & multi-tests (if needed) with corrections (Bonferroni method)
- Missing data & lost to follow-up: how to deal with (intention to treat analysis / per protocol analysis)

Results
Overview of the sample
- *Flow chart: eligible, included and analysed people
- Sample or group characteristics

Presentation of results
- * Test results & analysis results
- * Summarized results (means, ratios, odds ratio) with confident intervals and p-values

Discussion
- * Conclusions
- Explanations
- Links to literature
- Scope of results
- Critical evaluation of the study (bias...)
- New opportunities for research

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Reviews
Title
PICO/PECO+S model with P (Population), I (Intervention) / E (Exposure), C (Control), O (Outcome) & S (Study design).
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Aim(s)
* Main objective (and secondary if needed) with PICO/PECO model
Material and Methods
Study design
* Review/Mini-review, Systematics review, Meta-analysis
Material
- * Eligibility criteria (PICO/PECO criteria, study design,...)
- * Bibliographic databases (Medline, Scopus,...)
- * Sampling technique (exhaustive, language, publications since,...)
- Search queries (MeSH terms combination(s) with subheading(s) and study design,...).
- Excusion criteria (using title, abstract and full article...)
Methods
• Collected data
  * What is collected: group size, design, factors, results, adverse effects,...
  • Analysis
    * Qualitative or quantitative review (meta-analysis)
    * Article quality assessment (which analysis grid?)
    * Summarized indicators or specific analysis (for meta-analysis)
Results
• Overview of the sample
  *Flow chart: eligible (collected), included (read) and analysed (selected) articles
• Overview of the selected articles: study design, country, year of publication,...
• Presentation of results
  * Collected data (within tables)
  * Critical analysis of selected articles
  * Computing of summarized indicators or specific analysis (for meta-analysis)
Discussion
• * Conclusions
  • Explanations
  • Links to literature
  • Scope of results
  • Critical evaluation of the study (bias...)
  • New opportunities for research
Bibliography
• Bibliographic management software (Zotero, EndNote, Mendeley...) with "International Orthodontics style"
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