

Instructions for authors of the scientific-theoretical and practical journal «Orthopaedic Genius»

The Editorial Board recommends following the instructions for authors that are based on the *Uniform Requirements for Manuscripts Submitted to Biomedical Journals* that were developed by the *International Committee of Medical Journal Editors*.

- §1. The study submitted should be conducted following the ethical and legal norms. Manuscripts should contain a statement that the studies on human subjects were approved by the Ethics Board and were conducted according to the ethical standards of the Helsinki Declaration. It should be stated in "Materials and methods" section that informed consents of the subjects included into the study were obtained. Details that could identify the patients should be excluded. Experimental studies on animals should conform to the international and national normative acts of requirements to treating laboratory animals.
- §2. Researchers should guarantee that their studies are honest, clear, accurate and complete. They should not admit a selective or ambiguous description of facts that could mislead the readers. Studies should be a qualitative and careful piece of work.
- §3. The manuscript should include an original material. It must not contain any plagiarism or be previously published. The manuscript must not be submitted to several journals at a time.
- §4. New results should be presented in the context of previous studies. Studies of other researchers should be reflected properly. Authors should not refer to the works they are not acquainted with. Citations and references should be accurate and follow the norms of State Standard 7.0.5.-2008 "Bibliographical reference". Unpublished works, dissertation theses, conference abstracts or scientific reports should not be included into references. References to the international meetings the materials of which are free in the Internet are possible.
- §5. Researchers should describe the methods of the study in the most accurate and explicit manner so that they can be reproduced by other researchers to confirm the results. All significant results that are important for understanding should be stated. Suitable methods of analysis and data presentation should be used. Statistical findings should be supported by the packet of statistical analysis used for processing of results. Measurement units are given according to the International system of units SI. The terms used should correspond to the international nomenclature and the names of diseases to the International classification of diseases.
- §6. Authors must present detailed and reliable study results in the section "Results" and interpret their own opinions by comparing them with the results of other studies in the "Discussion". Conclusions on the study must be complete, balanced and include the statements that do not depend on the fact whether the authors support or do not support the hypothesis and their interpretation of the study.
- §7. Authors should inform the Editorial Board in case they detect errors in the study which has been submitted, accepted or published. Authors should cooperate with the editors if correction or reduction of the manuscript is required.
- §8. Authorship of the study should accurately reflect the contribution of authors to its performance and description. Responsibility for proper authorship lies fully on the authors that act in accordance of the rules accepted in their institution. Authors bear a collective responsibility for their work and contents of their manuscript. All the authors should give their consent to inclusion into the team of authors and approve the manuscript submitted for publication. A corresponding author acts as a contact person with the Editorial Board and other authors.
- §9. Sources of financial support and possible conflicts of interest should be disclosed.

Types of scientific publications

- **Original articles** that include up to 30-45 references.
- **Case reports** – description of clinical cases that are of high practical interest (20-30 references).
- **New technologies** – description of new methods, technical solutions or devices (20-30 references).
- **Pilot studies** – description of preliminary data that are important for planning further stages of the study (feasibility of conducting the study in a larger number of subjects, determining the sample size in the future study, power of study, etc.) with 20-30 references.
- **Reviews** on medical problems or analysis of published papers, preferably published in the last 5 years that include up to 80 references.

Manuscript structure

1. Title

Requirements to Titles

Titles should be informative. Only generally accepted abbreviations must be used. A title in English should not contain any words in other languages except names of persons, objects or devices that are proper names

2. Initials and surnames of authors and their affiliations (full official name of a hospital or institution).

3. Authors' information: full names of each of the authors, their occupation and degrees, full name of his/her institution, and his/her e-mail addresses. A corresponding author is defined for contact.

4. Structured abstract in IMRAD standard:

- Introduction;
- Material and methods;
- Results;

Key words are given after the abstract.

Requirements to abstracts

- *Abstract of approximately 200-300 words must be informative, structured and reflect the main results and conclusions of the study.*
- *Abstracts that reflect the structure of the manuscript are welcome.*
- *Internationally accepted terms and abbreviations should be used. Abbreviations, except generally accepted, and references should be avoided.*

5. Authors' information should be placed after the abstract: full names of each of the authors, their occupation and degrees, full name of his/her institution, and his/her e-mail addresses. A corresponding author is defined for contact.
6. Structure of the manuscript text:
- Introduction
 - Material and methods
 - Results
 - Discussion
 - Conclusions
 - References

The **Introduction** describes the state of the problem under study and is based on the works published, its relevance and significance, and proves the need for the research. At the end of this section, indicate the purpose of the study or the hypothesis tested by the study.

The **Material and Methods** section includes only information that was available at the time the study protocol was drawn up. Clearly describe the criteria of selecting the participants in a clinical trial or experiment (patients or laboratory animals, including control groups), specifying inclusion and exclusion criteria.

This section reflects the following points: type of study; method of selecting participants; measurement techniques; ethical principles; ways of presenting and processing data.

Describe the statistical methods used. It is desirable to quantify the data and indicate the appropriate parameters that reflect the measurement error or the probability of the results (for example, confidence intervals). If a statistical software package is used for data processing, its name and version should be indicated.

Abbreviations are explained when they are first appear in the text and subsequently used unchanged.

Indicate the name of the active substance, and not the trade (commercial) name, the names of the devices, equipment, reagents, etc. should be followed by the manufacturer. If clinical observations are given in the article, full names of patients and medical record numbers should not be given.

The **Results** section describes the information obtained by the research. The material of the section is presented in a logical sequence. Diagrams are used as an alternative to tables, eliminating duplication of data in tables and text. When summarizing data, numerical results are presented not only in derivatives (for example, percentages), but also in absolute values, on the basis of which these derivatives were calculated.

In the **Discussion** section, which is mandatory for all articles, a detailed analysis, interpretation of the results obtained and their comparison with the data in domestic and foreign literature are presented. Instead of listing previous studies, explain why the results obtained differ from or coincide with those of other authors. Focus on new and important aspects of the study and the conclusions that follow from them, in the context of the current evidence. Describe the limitations and merits of your study, especially if they had a significant impact on the results obtained or their interpretation as well as the advantages of your study compared with similar studies conducted by other authors, indicate the possibility of applying the results obtained in future studies and clinical practice.

Conclusions correspond to the objectives of the study. Please, avoid unqualified statements and conclusions not supported by the facts disclosed in the study.

Manuscript text formatting

Number of figures should not exceed 5 simple (10×12 cm in size) or 3 combined (not more than 13×18 cm) ones in TIFF format with resolution of not lower than 300 dpi. Figures are included in the text. Figures must be numbered successfully with Arabic numbers and cited in round brackets in the text.

Figure captions must be given in the text under figures. Microphotos should be accompanied by magnification and staining methods used.

Tables must have a title and a number. The data of the tables must not be repeated in the text. The table number should be indicated in the text in round brackets. The abbreviations in the tables must be explained in the footnotes to the table, as well as the statistical variability.

Mathematical formulas should be given in Microsoft Word standard and must be carefully checked.

References are numbered sequentially as they appear in the text. The reference number in the text is given in square brackets. All the authors are named in the reference. Journals' names are abbreviated as in MedLine. If the journal is not indexed by MedLine, its full name should be given.

No more than 10% of references to the author's own works (self-citation) and no more than 10% of references to publications of the journal "Genij Ortopedii" (self-citation of the journal) are allowed.

Submission

Manuscripts are submitted at <http://ilizarov-journal.com> or by email.

Manuscript and a scanned copyright transfer statement are emailed to: genius@ilizarov.ru.

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The Editorial board has the right to reject manuscripts that do not follow these instructions.

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