

Journal Publication

The Korean Journal of Clinical Laboratory Science (KJCLS) is the official journal of the Korean Society for Clinical Laboratory Science. The ISO abbreviated title is "Korean J Clin Lab Sci". The primary title is "Korean Journal of Medical Technologists" (Volume 1, 1967~ Volume 26, 1994). The change title is "Korean Journal of the Clinical Laboratory Science" (Volume 27, 1995~ Volume 35, 2003, ISSN 1229-2850) and "Korean Journal of Clinical Laboratory Science" (Korean J Clin Lab Sci, Volume 36, 2004~ Present, pISSN 1738-3544, eISSN 2288-1662). KJCLS (<http://www.kjcls.org/>) is published by the Korean Society for Clinical Laboratory Science (<http://www.kscls.or.kr/>). In 2021, KJCLS (<http://www.kjcls.org/>) is registered by International Standard Name Identifier (ISNI, 0000 0004 6406 3334).

1. Issue date

KJCLS is published on the day of March 31, June 30, September 30, and December 31.

2. Aims and Scope

KJCLS aims to promote the field of clinical laboratory science (hematology, transfusionology, chemistry, immunology, microbiology, histology, cytology, genetics, cardiopulmonary physiology, neurophysiology, management, education, biomedical sciences, and health sciences) through publication of research results from scientists and medical technologists.

3. Bibliographical indexes and Databases

KJCLS is indexed by KCI (Korea Citation Index) and DOAJ (Directory of Open Access Journal).

4. Open Access Policy

KJCLS follows the open access journal. The full text is freely accessible from the web site (<http://www.kjcls.org/journal/archives.html>). This is an Open Access

journal distributed under the terms of the Creative Commons Attribution Non-Commercial License (<http://creativecommons.org/licenses/by-nc/4.0>) which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original work is properly cited.

5. Copyrights

All material published in the Journal will be copyrighted by Korean Society for Clinical Laboratory Science.

6. Article processing charge and Subscription fee

Article processing charge (publication, review, and English abstract correction fee) is free. Subscription fee is 65,000 Korean Won (US \$65).

Research and Publishing Ethics Guidelines

General Research and Publishing Ethics are decided by the Korean Society for Clinical Laboratory Science Research Ethic Committee. For policies on research and publication ethics not stated in these instructions, "Guidelines on Good Publication Practice by the COPE (<http://publicationethics.org/internationalstandards-editors-and-authors>, Committee on Publication Ethics, 1997)" can be applied.

1. Protection of human and animal rights

1) In the case of human experimentation, the authors must state in the text of their paper that the research has been carried out in accordance with the "Declaration of Helsinki (<http://www.wma.net/en/30publications/10policies/b3>, World Medical Association, 2008)" or the "Enforcement Decree of Bioethics and Safety Act by the MHW (<http://irb.or.kr>, Ministry of Health & Welfare, 2013)". Consent must be obtained from each patient or subject after being given a full explanation of the purpose, nature and risk of all

procedures used. In the case of animal experimentation, authors must state in the text the anesthetic procedures used in full, and all precautions they took to ensure that the animals did not suffer unduly during and after the experimental procedure. Authors must confirm that the experimental procedures were carried out in accordance with the "Laboratory Animal Act by the MAFRA & MFDS (<http://www.mafra.go.kr/>, Ministry of Agriculture, Food and Rural Affairs, 2008; <http://www.mfds.go.kr/>, Ministry of Food and Drug Safety, 2012)", in principle.

- 2) The Editorial Committee may ask for the submitting patients' consent or certification of approval by the Institutional Review Board.

2. Research misconduct

- 1) Fabrication: Artificial production of data or research results that do not exist or reporting and presenting such matters
- 2) Falsification: Manipulating the materials, apparatus, and methods related to the study falsely, or any conduct obstructing accurate presentation of the study results by replacing or deleting research results
- 3) Plagiarism: Stealing others' ideas, study results, products, saying, etc. without appropriate citation
- 4) Deletion: Intentional deleting of obstructive data in deriving the desired results
- 5) Self-deception: Unconsciously applying subjectiveness to research data collection due to biased thinking and premature predictions of the research
- 6) Duplicate submission: Submitting manuscripts that have been submitted to other journals or are in the course of such process to our journal or vice versa
- 7) Paper partitioning: Using a significant portion of an already published paper for preparing a new paper for submission to the journal
- 8) Inappropriate listing of authors: Not listing researchers having contributed to the study without reasonable cause, or listing unqualified people as authors without any contribution to the study as a courtesy or token of appreciation
- 9) Suggesting, forcing, or intimidating others to conduct

the above violations

- 10) Intentional intervention of an investigation of the above violations by himself/herself or for others or harming or threatening to harm an informant

3. Authorship

An author is considered as an individual who has made substantive intellectual contributions to a published study and whose authorship continues to have important academic, social, and financial implications. The following criteria for authorship: 1) substantial contributions to conception and design, acquisition, analysis, and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet criteria 1), 2), and 3) These criteria are applicable to those journals that distinguish the authors from other contributors.

4. Conflict of interest

Conflict of interest exists when an author, reviewer, or editor has financial or personal relationships that inappropriately influence his/her actions. All authors should disclose their conflicts of interest, for example, consultancies, stock. Each author should certify the disclosure of any conflict of interest with his/her signature.

5. Consideration of Sex/Gender

In basic and preclinical biomedical research using animals or clinical studies (all human subject research), sex (a biological variable) or gender (a socio, cultural, and psychological trait) should be factored into research designs and analyses and reported in a manuscript as follows.

- 1) Animal experiments
 - (1) Animals' source, authentication, and biological characteristics should be described.
 - (2) Whenever possible, animals should be studied equally with both sexes and the results according to their sex should be reported.

2) Human subject research

- (1) Sex and gender should be described separately and correctly.
- (2) Whenever possible, the research subjects should include men and women, and the results according to sex/gender should be analyzed and reported.

Submission Guidelines

The Korean Journal of Clinical Laboratory Science (KJCLS) must be written in Korea or English language. The manuscript types are comprised of original article, case report, and review article. Author (at least one author in case of multiple authors) of submitted manuscript be a member. Non-members can submit their manuscript upon the approval of the Editorial Committee. The author's name, affiliation, title, abstract, key words, corresponding author's contacts, tables, figures, references, acknowledgements, conflict of interest, and author's position should be specified only in English. This regulation is revised based on the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals" developed by the ICMJE (<http://www.icmje.org>, International Committee of Medical Journal Editors, 2007) and are supplemented ethical principles and rules for references. Other citation style not described in the instructions, "the NLM Style, 2nd edition (<http://www.nlm.nih.gov/citingmedicine>, National Library of Medicine, 2007)" can be applied.

1. Preparation of manuscript

Manuscript should be prepared in A4 paper with space of mm from top, bottom, right side and left side. Font (Sinmyeongjo or Hamchorom Batang in Korean article; Times New Romans in English article) size should be 10.0 points, line-height 160%. The length of manuscript should not exceed 12 pages (Original article is maximum 12, Case report is maximum 8, Review article is maximum 16, Technical note is maximum 8). The format for word process program accepted is Hangul word or MS word, the language of the full text can be Korean and English. Medical terminology should be followed by the recent terminology book published by the Korean Medical Association.

2. Submission of manuscript

- 1) Every manuscript should be submitted as an electronic file through the website (<http://www.kjcls.org/submission/Login.html>): "Step 1" Checklist and Ethics Policy & Copyright Transfer check, "Step 2" Type, Title & Abstract (including similarity, ethics, certification of IRB or IACUC), "Step 3" Authors & Institutions(including ORCID), "Step 4" File Upload (Cover, Manuscript, Figure), "Step 5" Proof & Submit (PDF convert), "Step 6" e-mail Agreement (Ethics Policy & Copyright Transfer).
- 2) Lead author (first author or corresponding author) should upload 3 separate files: (1) Cover file (article types, research areas, title, running title, authors, affiliations, corresponding author's contacts, ORCID number, acknowledgments, conflicts of interest, author's position), (2) Manuscript file (title, running title, abstract, key words, introduction, materials and methods, results, discussion, references, tables, and figure legends), (3) Figure file.
- 3) Author's checklist.
- 4) Authors' assignment of ethics policy and copyright transfer (E-mail).

3. Title

The title should not exceed 2 lines in English. A running title should be added if used "heads" in publication.

4. Author

The number of authors should not exceed 10 (Original article is maximum 10, Case report is maximum 8, Review article is maximum 4, Technicla note is maximum 8). Write ORCID (Open Researcher and Contributor ID) of all author and submit article.

5. Abstract and Key words

The unstructured abstract should be 200 words in English (Original article is 180~200, Case report is 140~150, Review article is 200, Technical note is 150). The key words should be 3 to 5 words. Use terms from the MeSH (<http://www.nlm.nih.gov/mesh/MBrowser.html>).

6. Main text

The original article should be arranged in the following headings: introduction, materials and methods, results, and discussion. The case report should consist of introduction, case, and discussion. The review article should consist of introduction, main issue, and conclusion. The technical note should consist of introduction, main issue, and conclusion.

- 1) Introduction: Clearly state the need of this study and main question or hypothesis of this study. Summarize the literature review or background in the area of the study.
- 2) Materials and Methods: Describe the study design, setting and samples, materials and measurements, procedure, analysis used.
- 3) Results: Describe the main results in a concise paragraph. This section should be the most descriptive. Note levels of statistical significance and confidence intervals where appropriate.
- 4) Discussion: Make discussion based only on the reported results. Conclusions should be written at the end of the discussion section.

7. Funding, Acknowledgments, Conflict of interest, and Author's information (Position)

This section should include a general funding, acknowledgments, conflict of interest, and author's position.

8. Author Contributions

What authors have done for the study should be described in this section. To qualify for authorship, all contributors must meet at least one of the seven core contributions by CRediT (conceptualization, data curation, formal analysis, methodology, software, validation, investigation). Contributions will be published with the final article, and they should accurately reflect contributions to the work. The submitting author is responsible for completing this information at submission, and it is expected that all authors will have reviewed, discussed, and agreed to their individual contributions ahead of this time.

(e.g.) Author contributions

Conceptualization: Hong SH.

Data curation: Kim JH, Kang M, Jung JH.

Formal analysis: Kim JH, Lee SJ.

Methodology: Kim JH, Kang M.

Software: Kim JH, Lee SJ.

Validation: Kim JH, Jung JH.

Investigation: Hong SH.

Writing - original draft: Kim JH, Kang M.

Writing - review & editing: Kim JH, Kang M, Jung JH, Lee SJ.

9. Ethics approval

A written statement must be described in the original articles indicating whether or not Institutional Review Board (IRB) approval was obtained or equivalent guidelines followed in accordance with the Helsinki Declaration of 1975 on human experimentation; if not, an explanation must be provided. In addition, a statement of IRB status (approved, waived, or other) must be included in the Methods section of your manuscript. Similarly, a written statement confirming approval by appropriate the Institutional Animal Care and Use Committee (IACUC) must be included for research involving animals. Any manuscript submitted without appropriate IRB or IACUC approval will not be reviewed and will be returned to the authors.

(e.g.) Ethical approval: This article does not require IRB/IACUC approval because there are no human and animal participants.

(e.g.) Ethical approval: All procedures were performed in accordance with protocols approved by the 000 University Animal Care and Use committee (Approval numbers: IACUC-2023-00).

10. Reference citations in the main text

Serially number the references in the order of citation in the main text with Arabic numerals in brackets (e.g. [1], [1, 2], [2-5], [1, 3, 5]).

11. References

All references cited in the main text must appear in the Reference list. The total number of references should be 30 (Original article is 20~30, Case report is 10~20,

Review article is 40~60, Technical note is 10~20). List all authors if there are less than or equal to 6 authors. List the first 6 authors followed by "et al" if there are more than 6 authors. Journal titles should be described as a full name. If the reference is in Korean, then list the English version listed in the reference.

1) Journal

- (e.g.) 1. Jekal SJ, Oh HS, Choi YJ, Jo HJ, Park CS. Significance of thin layer chromatography of pyronin Y obtained from various commercial sources: the relevance of histologic staining quality. *Korean J Med Technol.* 1994;26:23-34.
- (e.g.) 1. Koo BK, Sung HJ, Rhee KJ, Yang BS, Joo SI, Choi SG, et al. Fifty years of the Korean Journal of Clinical Laboratory Science: About name and KCI registration. *Korean J Clin Lab Sci.* 2017;49:187-202. <https://doi.org/10.15324/kjcls.2017.49.3.187>

2) Report

- (e.g.) Lee HK. Fact analysis and integration plans on North Korea's health care personnel for unification. Research report. Ministry of Unification; 2015 Mar. p439-546.

3) Book

- (e.g.) 1. Sunheimer RL, Graves L. *Clinical laboratory chemistry.* 1st ed. Pearson; 2011.
- (e.g.) 1. Clinical and Laboratory Standards Institute. *Molecular methods for clinical genetics and oncology testing; approved guideline-3rd ed, MM01-A3.* Clinical and Laboratory Standards Institute; 2012. p47-63.
- (e.g.) 1. De Leis RA, Hoda RS. *Immunochemistry and molecular biology in cytological diagnosis.* In: Koss LG, Melamed MR, editors. *Koss' Diagnostic cytology and its histopathologic bases.* 5th ed. Lippincott Williams & Wilkins; 2006. p1635-1680.
- (e.g.) 1. Latimer KS, Mahaffey EA, et al. *Duncan and Prasse's Veterinary laboratory medicine: Clinical pathology.* 4th ed. Park NY, Kang MI, et al, translators. Wiley-Blackwell; 2003.

4) Online source

- (e.g.) 1. Statistics Korea. 2010 life tables for Korea

[Internet]. Seoul: Statistics Korea [cited 2012 January 16]. Available from: http://kostat.go.kr/portal/korea/kor_nw/3/index.board?bmode=read&aSeq=252533

- 5) Master's thesis and doctoral dissertation are not permitted to be as a references.
- 6) Conference abstract are not permitted to be as a references.

12. Table and Figure

The number of tables and figures should be 1 to 10. Each table and figure should be placed on a separate sheet. Number tables consecutively and supply a brief title at the top for each. Footnotes to a table are typed immediately below the table. The references marks are superscript small letters (*, †, ‡, §, ||, ¶, #, **, ††, ‡‡, etc) with the footnotes arranged alphabetically by the superscripts.

13. Authors' checklist and Authors' agreement of ethic policy & copyright transfer

Authors should complete the authors' checklist and authors' agreement of ethic policy & copyright transfer (<http://www.kjcls.org/authors/sub01.html>) followed by signing, and submit these with the manuscript. It is should be submitted at Editorial Office. Manuscript cannot be published without this form.

14. On-line manuscript submission and review system

Authors are requested to submit their papers electronically by through the On-line manuscript submission and review system (<http://www.kjcls.org/submission/Login.html>). For more information on the Korean Society for Clinical Laboratory Science, please go to <http://www.kscls.or.kr/>.

1) Editorial Office:

Korean Journal of Clinical Laboratory Science
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E-mail: office@kjcls.org, kamt@hanmail.net

2) Please read all instructions before submitting.

3) The submission of manuscripts is processed (1) Manuscript type, Title, and Abstract, (2) Authors and

Affiliations, (3) File upload, (4) Proof and Submit.

Review Guidelines

All review process will be done on-line manuscript submission and review system.

Submitted manuscripts are usually reviewed by 3 experts (editors and reviewers) for blinded peer review. The peer reviewers shall evaluate the manuscript within 14 days after review request. Review results of the “regular-track” manuscripts are notified manuscripts are decided within 8 weeks after the initial submission. The Korean Journal for Clinical Laboratory Science (KJCLS) Editorial Committee will make a final decision on the approval for publication of the submitted manuscripts and can request any further corrections, revisions, and deletions of the article text if necessary. Review and publication processes not described in the Instructions, will be incorporated into “Editorial Policy Statements approved by the CSE (<http://www.councilscienceeditors.org/>, Council of Science Editors, 2006)” can be applied.

1. Review evaluation

- 1) Suitability of the research topics (in agreement with the inauguration purpose of this Society)
- 2) Quality and uniqueness of the study
- 3) Research methods and the validity of logical

development

- 4) Suitability of paper arrangement
- 5) Accuracy of references (citation in the main text, enumeration in references)
- 6) Academic and social contribution by the study results
- 7) Conformity with the research ethics set by the Society

2. Review results

- 1) “Accepted” (Accepted for publication): The manuscript will be forwarded to the publisher without further corrections.
- 2) “Minor revisions” (Open to acceptance after the suggested revision): The author should address the comments from the reviewers, which will be confirmed by the reviewers before being sent to the publisher.
- 3) “Major revisions” (Resubmit after the suggested revisions): The author should address the comments from the reviewers and make the appropriate corrections for review by the reviewers.
- 4) “Rejection” (Not accepted for publication): (1) When 1 out of the 3 reviewers rejects the manuscript; (2) If the authors fail to submit a revised manuscript within 8 weeks, the final decision is made by the Editorial Committee.