Majalah Kedokteran Bandung

Bandung Medical Journal

Volume 54 Number December 2022



Majalah Kedokteran Bandung Bandung Medical Journal

EDITORIAL BOARD

Editor-in-Chief Ahmad Faried (Indonesia)

Managing Editor

Reni Ghrahani (Indonesia)

Senior Editors

Budi Setiabudiawan (Indonesia) Henni Djuhaeni (Indonesia) Herry Garna (Indonesia)

Editors

Akhmad Mustafa (Indonesia) Arief Wibowo (Belgium) Badrul Hisham Yahaya (Malaysia) Berry Juliandi (Indonesia) Danny Halim (Indonesia) Ferry Sandra (Indonesia) Irma Ruslina Defi (Indonesia)

Copyeditor

Diba Artsiyanti Ediyana Putri Basar (Indonesia)

Copyeditor Assistant Vivi Yulianti (Indonesia)

Layout Editor

Devi Fabiola Syahfitri (Indonesia)

Editorial Assistants

Ati Sulastri (Indonesia) Devi Fabiola Syahfitri (Indonesia) Elza Purwita (Indonesia)

Editorial Office

Majalah Kedokteran Bandung Gedung Rumah Sakit Pendidikan Unpad/RSHS, Jl. Prof. Eyckman No. 38 Bandung 40161 West Java, Indonesia Ph. +62-22-2038115 ext 1401/+6282216237668; Email: mkb.fkunpad@gmail.com; Website: http://journal.fk.unpad.ac.id/index.php/mkb

Publisher

Faculty of Medicine Universitas Padjadjaran Jl. Prof. Eyckman No. 38 Bandung 40161 West Java, Indonesia

Majalah Kedokteran Bandung (MKB) is accredited (2020–2025) by National Journal Accreditation (ARJUNA) Managed by Ministry of Research, Technology, and Higher Education, Republic of Indonesia with Second Grade (Peringkat 2, Sinta 2) (No. 158/E/KPT/2021)

Abstracting and Indexing



Mir Hamid Salehian (Iran) Rusdy Ghazali Malueka (Indonesia) Sharon Gondodiputro (Indonesia) Sri Endah Rahayuningsih (Indonesia) Wahyu Widowati (Indonesia) Yunia Sribudiani (Indonesia)



Majalah Kedokteran Bandung Bandung Medical Journal

pISSN 0126-074X; eISSN 2338-6223; Volume 54 Number 4 December 2022

 Analgesics and Stamina Stimulator Andriyanto, Sharon Aurellia, Silmy Kamila Widyanti, Hamdika Yendri Putra, Leliana Nugrahaning Widi, Rindy Fazni Nengsih, Aulia Andi Mustika, Wasmen Manalu Influence of Pesticide Intoxication Education on Farmer Knowledge and Attitude in Kalidoni District, Palembang City, Indonesia Thia Prameswarie, Dientyah Nur Anggina, Camelia Panache, Florence Triningtyas Neurotoxicity of Chlorpyrifos, Carbofuran, and Cypermethrin in Adolescent Rats' Brain Muhammad Ihwan Narwanto, Azham Purwandhono, Kristianningrum Dian Sofiana, Zahrah Febianti, Elvia Rahmi Marga Putri, Muhammad Afiful Jauhani Factors Associated with Mortality in COVID-19 Patients Treated at Serui General Hospital, Papua Indonesia Fahri Ahmad Baihaqi, Henny Rumaropen Differences in CD95L Levels and Blood Test Results in Primary and Secondary Dengue Infection Patients Nurfadly, Iqrina Widia Zahara, Munazar Said BMI and TLC Influences Doxorubicin/Epirubicin Neoadjuvant Chemotherapy Response in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina 	RESEARC	H ARTICLES		
 Analgesics and Stamina Stimulator Andriyanto, Sharon Aurellia, Silmy Kamila Widyanti, Hamdika Yendri Putra, Leliana Nugrahaning Widi, Rindy Fazni Nengsih, Aulia Andi Mustika, Wasmen Manalu Influence of Pesticide Intoxication Education on Farmer Knowledge and Attitude in Kalidoni District, Palembang City, Indonesia Thia Prameswarie, Dientyah Nur Anggina, Camelia Panache, Florence Triningtyas Neurotoxicity of Chlorpyrifos, Carbofuran, and Cypermethrin in Adolescent Rats' Brain Muhammad Ihwan Narwanto, Azham Purwandhono, Kristianningrum Dian Sofiana, Zahrah Febianti, Elvia Rahmi Marga Putri, Muhammad Afiful Jauhani Factors Associated with Mortality in COVID-19 Patients Treated at Serui General Hospital, Papua Indonesia Fahri Ahmad Baihaqi, Henny Rumaropen Differences in CD95L Levels and Blood Test Results in Primary and Secondary Dengue Infection Patients Nurfadly, Iqrina Widia Zahara, Munazar Said BMI and TLC Influences Doxorubicin/Epirubicin Neoadjuvant Chemotherapy Response in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina 			1	
 Kalidoni District, Palembang City, Indonesia Thia Prameswarie, Dientyah Nur Anggina, Camelia Panache, Florence Triningtyas Neurotoxicity of Chlorpyrifos, Carbofuran, and Cypermethrin in Adolescent Rats' Brain Muhammad Ihwan Narwanto, Azham Purwandhono, Kristianningrum Dian Sofiana, Zahrah Febianti, Elvia Rahmi Marga Putri, Muhammad Afiful Jauhani Factors Associated with Mortality in COVID-19 Patients Treated at Serui General Hospital, Papua Indonesia Fahri Ahmad Baihaqi, Henny Rumaropen Differences in CD95L Levels and Blood Test Results in Primary and Secondary Dengue Infection Patients Nurfadly, Iqrina Widia Zahara, Munazar Said BMI and TLC Influences Doxorubicin/Epirubicin Neoadjuvant Chemotherapy Response in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina 	Analgesics and Stamina Stimulator Andriyanto, Sharon Aurellia Putra, Leliana Nugrahaning	Silmy Kamila Widyanti, I	Hamdika Yendri	191
Muhammad Ihwan Narwanto, Azham Purwandhono, Kristianningrum Dian Sofiana, Zahrah Febianti, Elvia Rahmi Marga Putri, Muhammad Afiful JauhaniFactors Associated with Mortality in COVID-19 Patients Treated at Serui General Hospital, Papua Indonesia Fahri Ahmad Baihaqi, Henny Rumaropen20Differences in CD95L Levels and Blood Test Results in Primary and Secondary Dengue Infection Patients Nurfadly, Iqrina Widia Zahara, Munazar Said21BMI and TLC Influences Doxorubicin/Epirubicin Neoadjuvant Chemotherapy Response in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti22Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina22	Kalidoni District, Palembang City, Indone Thia Prameswarie, Dientyah	sia		196
 Hospital, Papua Indonesia Fahri Ahmad Baihaqi, Henny Rumaropen Differences in CD95L Levels and Blood Test Results in Primary and Secondary Dengue Infection Patients Nurfadly, Iqrina Widia Zahara, Munazar Said BMI and TLC Influences Doxorubicin/Epirubicin Neoadjuvant Chemotherapy Response in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina 	Muhammad Ihwan Narwanto Dian Sofiana, Zahrah Febian), Azham Purwandhono, H	Kristianningrum	202
Infection Patients Nurfadly, Iqrina Widia Zahara, Munazar Said 22 BMI and TLC Influences Doxorubicin/Epirubicin Neoadjuvant Chemotherapy Response 22 in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection 22 Reno Rudiman, Putie Hapsari, Novi Christina 22	Hospital, Papua Indonesia			208
 in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina 	Infection Patients			215
after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina	in Patients with Locally Advanced Breast Sasongko Hadi Priyono, Osca	Cancer r Tri Joko Putra, Alfi Yas i	mina, Hery	221
Association between 25-Hydroxyvitamin D and Mental-Emotional Status in Children 23	after Colorectal Cancer Resection		tomotic Leakage	228
during Their First 1,000 Days of Life Maryam, Susi Susanah, Diah Asri Wulandari, Nelly Amalia Risan, Sri Endah Rahayuningsih, Meita Dhamayanti	during Their First 1,000 Days of Life Maryam, Susi Susanah, Diah	Asri Wulandari, Nelly An		235
Nutmeg Extract Alters Mitochondrial Genes Regulation of Skeletal Muscle Fibers in24Aging RatsSetiawan, Yuni Susanti Pratiwi, Ronny Lesmana, Galuga Sinalusur Sari, Ahmad Ramdan, Aldo Hartono, Fathurachman, Unang Supratman24	Aging Rats Setiawan, Yuni Susanti Prati	vi, Ronny Lesmana, Galu	ga Sinalusur Sari,	242
Characteristics of Non-Muscle Invasive Bladder Cancer (NMIBC) in Patients Treated in an Indonesian Tertiary Hospital from 2008 to 2019 Ferry Safriadi, I Nyoman Palgunadi	an Indonesian Tertiary Hospital from 20	18 to 2019	Patients Treated in	249

Majalah Kedokteran Bandung (MKB) is a peer-reviewed quarterly scientific publication journal that accepts original research articles relevant to the field of health, basic medical science, and applied medical science.

Research Articles

Research articles are original research articles in basic and applied medical sciences as well as in health. The format of a research article consists of title page, abstract (English and Indonesian), introduction, methods, results, discussion, and references.

Case Report

Case reports are articles on cases in the field of medical and health sciences that are considered to be important and needs to be disseminated. The case report format consists of title, abstract (English and Indonesian), introduction, case, discussion, and references.

Instructions for Manuscript Submission

All manuscripts to be published in MKB should be submitted through our website at http://journal. fk.unpad.ac.id/ index.php/mkb. Authors are required to register before submitting their manuscript. For further information regarding the submission process, please send contact our secretariat at mkb.fkunpad@gmail.com.

General Instructions

To avoid duplication, MKB does not accept articles that have been published or are being submitted to other journals, which should be proven by signing a statement that the manuscript is not being submitted or processed in another journal. The author should ensure that all other authors have agreed to publish in MKB. If an article that has been published in MKB is known to be published in another journal, MKB will announce its retraction in the next issue of the journal. All articles will be discussed by experts from appropriate fields (peer review) and also by the editorial board. Articles that need improvement are returned to the author. Research articles must obtain the approval from an ethics committee or consider the ethical aspects of the research that can be accounted for.

Article Writing

Manuscript to be submitted should be a typewritten manuscript using Times New Roman Size 12 font on A4 paper double-spaced throughout with 4 cm margins at the left and the top and 3 cm at the right and the bottom. Your manuscript should not comprise more than 20 pages. The total number of words in Introduction, Methods, Results, and Discussion should not be more than 3,500 words. All page should be numbered sequentially starting from the title page to the last page. Articles will be published in US English.

Title page

The title page contains the title of the article, the author's name with the full title, the author's affiliate institution, name and correspondence address, phone number, facsimile number, and e-mail address. The title of the article should be brief and clear. English title should not be more than 140 characters and Indonesian title should not be more than 14 words or 200 characters.

Abstracts and Keywords

Abstracts for each article are written in English and Indonesian using an unstructured abstract form with a maximum of 250 words for English and 200 words for Indonesian. Abstract is written concisely and clearly according to the introduction, methods, results and discussion (IMRAD) format. Three to five key words should be selected and written down in an alphabetical order to help indexing.

Introduction

The Introduction describes the problem in general terms (including relevant facts/figures to establish the significance of the problem). At the end of the introduction was written the purpose of the study.

Methods

Methods contains the material under study and the way described briefly by the order of operation as well as the location and time of the study. Explain statistical methods in detail. Sampling method used is desribed (including the sample size). Consideration of ethical issues is included. If the protocol has been approved then the ethical clearance/approval letter number and the health research ethics committee must be written.

Results

The result is the core of scientific writing. This section presents data and information that will be used as the basis of the conclusion and even expected to get a new theory. In results, listed the tables and or images, graphics, photos to explain and abbreviate the description should be given; numbered according to their appearance in the text. Tables/figures in the results are important and relevant with the results. The text does not repeat the results in the tables/figures.

Discussion

Discussion of the article reveals, explains, and discusses the results of the study with an analysis by the research design, interpretation, and explanation of its synthesis. Also, the results obtained are compared with the results of previous research of others. Discussion contains information, whether the results answer the proposed hypotheses/objectives of the study not a repetition of the results. Include the conclusion in to discussion section. The conclusion is the key result, the most important outcome of your work. Do not simply summarize the points already made in the body-instead, interpret the findings at a higher level of abstraction. Make the conclusion interesting and memorable for readers.

Tables

Tables should be typed in double spacing and numbered in Arabic numeral system in the order of their first citation in the text. Tables are included in the text and also on separated pages. Each table should include a brief title. Tables should be Notes on annotations and abbreviations should be included in the table description using footnotes *, **, # below the table. Do not use vertical lines between columns. Use horizontal lines above and below the column heading and at the bottom of the table only. The maximum number of tables is six.

Photos/Pictures/Charts

Personal and identifiable photos must be accompanied written permission. Any published images should be referenced. Photos/pictures should be numbered according to their appearance in the text. The number of tables and photos/pictures should not be more than six. As best quality of images are required for publication, the images can be separately uploaded in image format (JPEG, TIFF, or EPS) to the supplementary files. Minimum resolution for all figures in the following [color in RGB (red, green, blue mode) or gray-scale] at least 300 dpi (dots per inch). The recommended resolution for line art (charts or images that contain typographic elements) is 600 dpi. For x-ray films, scans, and other diagnostic images, as well as pictures of pathology specimens or photomicrographs, black-and-white or color photographic prints, is 5×7 inches (127 × 178 mm).

Statistical Method

Statistical method/s used should be explained in detailed in Method section. Define statistical terms, abbreviations, and most symbols. Specify the computer software used.

Acknowledgment

Acknowledgments should be limited to appropriate professionals who contributed to the paper, including technical help and financial or material support.

References

References are written in Vancouver style and numbered according to their appearance of the articles, not alphabetically. The maximum number of authors to be included in the reference is six. If there are more than 6 authors involved in the article, write the name of the first 6 authors followed by et al. The maximum number of references in one manuscript is 20 references published in the last 10 years. Eighty percent of the references should be journal articles with the remaining 20% consists of textbooks. Reference to articles that have been accepted but still waiting for publication in a journal should be written as "in press". Authors is recommended to use reference management software, in writing the citations and references such as: EndNote®, Mendeley®, or Zotero®.

Examples of how to create the reference section From Journal

Standard Articles

Langan NP, Pelissier BMM. Gender differences among prisoners in drug treatment. J Subst Abuse. 2011;13(3):291–301.

References with More than 6 Authors

Polanco FR, Dominquez DC, Grady C, Stoll P, Ramos C, Mican JM, et al. Conducting HIV research in racial and ethnic minority communities: building a successful interdisciplinary research team. J Assoc Nurses AIDS Care. 2011;22(5):388–96.

Reference with Organizations as the Source

WHO. Rubella vaccines: WHO position paperrecommendations. Vaccines. 2011;29(48):8767–8.

Reference without Author's Name

Role of diagnostic imaging in early diagnosis and stage determination of rheumatoid arthritis. Clin Calcium. 2011;21(7):949–53.

Articles not Written in English

Budiman A, Hilmanto D, Garna H. Musim hujan sebagai faktor risiko kambuh pada anak penderita sindrom nefrotik sensitif steroid. MKB. 2011;43(3):112–6.

Volume with Supplement

Van Spronsen FJ, Huijbregts SC, Bosch AM, Leuzzi V. Cognitive, neurophysiological, neurological and psychosocial outcomes in early-treated PKU-patients:

a start toward standardized outcome measurement across development. Mol Genet Metab. 2011;104 (Suppl 1):S45–51.

Edition with Supplement

Dietz CA, Nyberg CR. Genital, oral, and anal human papillomavirus infection in men who have sex with men. J Am Osteopath Assoc. 2011;111(3 Suppl 2):S19–25.

Books and Other Monographs

Individual Writers

Gatterman M. Whiplash: a patient centered approach to management. Missouri: Elsevier Mosby; 2011.

Editor as Author

Nriagu J, editor. Encyclopedia of enviromental health. Michigan: Elsevier BV; 2011.

Organization as Authors

UNAIDS. Update on the HIV epidemic, 2011. Global HIV/ AIDS response–progress report 2011. Geneva: WHO Library Cataloguing Data; 2011.

Chapter in a Book

Belott PH, Reynolds DW. Permanent pacemaker and implantable cardioverter-defibrillator implantation. In: Ellenbogen K, Wilkoff B, Kay GN, Lau CP, editor. Clinical cardiac pacing, defibrillation and resynchronization therapy. 4th ed. Birmingham: Elsevier Inc; 2011. p. 443– 515.

Conference Proceeding

Nicolai T. Homeopathy. Proceedings of the Workshop Alternative Medicines; 2011 November 30; Brussels. Belgium. Belgium: ENVI; 2011.

Papers in Conference

Tirilly P, Lu K, Mu X. Predicting modality from text quiries for medical image retrieval. In: Cao Y, Kalpathy-Cramer J, Unay D, editor. MM 11. Proceeding of The 2011 International ACM Workshop on Medical Multimedia Analysis and Retrieval; 2011 Nov 28–Dec 01; Arizona, USA. New York: ACM; 2011. p. 7–12.

Dissertations

Suprapto. Penjatuhan pidana mati terhadap pelaku tindak pidana narkotika dan psikotropika di Indonesia dalam perspektif hak asasi manusia berdasarkan UUD 1945 [dissertation]. Bandung: Universitas Padjadjaran; 2011.

Electronic Materials

Homepage/Website

NIH; National Library of Medicine. Andermann syndrome. [Internet] 2020 [cited 2020 April 25]. Available from: https://ghr.nlm.nih.gov/condition/ andermann-syndrome

Editorial Board of Majalah Kedokteran Bandung Gedung Rumah Sakit Pendidikan Unpad (Teaching Hospital Building), 3rd Floor Jalan Prof. Eyckman No. 38 Bandung 40161 Phone: +62-22-2038115 ext. 1401 Mobile Phone: +6282216237668 Email: mkb.fkunpad@gmail.com

RESEARCH ARTICLES

Effectiveness of Basil, Lime, Honey, Candlenut, and Tiwai Onion Herbs Combination as Analgesics and Stamina Stimulator Andriyanto, Sharon Aurellia, Silmy Kamila Widyanti, Hamdika Yendri Putra, Leliana Nugrahaning Widi, Rindy Fazni Nengsih, Aulia Andi Mustika, Wasmen Manalu	191
Influence of Pesticide Intoxication Education on Farmer Knowledge and Attitude in Kalidoni District, Palembang City, Indonesia Thia Prameswarie, Dientyah Nur Anggina, Camelia Panache, Florence Triningtyas	196
Neurotoxicity of Chlorpyrifos, Carbofuran, and Cypermethrin in Adolescent Rats' Brain Muhammad Ihwan Narwanto, Azham Purwandhono, Kristianningrum Dian Sofiana, Zahrah Febianti, Elvia Rahmi Marga Putri, Muhammad Afiful Jauhani	202
Factors Associated with Mortality in COVID-19 Patients Treated at Serui General Hospital, Papua Indonesia Fahri Ahmad Baihaqi, Henny Rumaropen	208
Differences in CD95L Levels and Blood Test Results in Primary and Secondary Dengue Infection Patients Nurfadly, Iqrina Widia Zahara, Munazar Said	215
BMI and TLC Influences Doxorubicin/Epirubicin Neoadjuvant Chemotherapy Response in Patients with Locally Advanced Breast Cancer Sasongko Hadi Priyono, Oscar Tri Joko Putra, Alfi Yasmina, Hery Poerwosusanta, Eka Yudha Rahman, Ika Kustiyah Oktaviyanti	221
Correlation between Albumin, Colon Leakage Score (CLS), and Anastomotic Leakage after Colorectal Cancer Resection Reno Rudiman, Putie Hapsari, Novi Christina	228
Association between 25-Hydroxyvitamin D and Mental-Emotional Status in Children during Their First 1,000 Days of Life Maryam, Susi Susanah, Diah Asri Wulandari, Nelly Amalia Risan, Sri Endah Rahayuningsih, Meita Dhamayanti	235
Nutmeg Extract Alters Mitochondrial Genes Regulation of Skeletal Muscle Fibers in Aging Rats Setiawan, Yuni Susanti Pratiwi, Ronny Lesmana, Galuga Sinalusur Sari, Ahmad Ramdan, Aldo Hartono, Fathurachman, Unang Supratman	242
Characteristics of Non-Muscle Invasive Bladder Cancer (NMIBC) in Patients Treated in an Indonesian Tertiary Hospital from 2008 to 2019 Ferry Safriadi, I Nyoman Palgunadi	249

