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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.

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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.

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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.

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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 paper-recommendations. *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 environmental 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 queries 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

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

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

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