e-ISSN :2986-6820 p-ISSN :2986-6855



The International Science of Health Journal

VOLUME 2 NO. 1 MARET 2024



Diterbitkan Oleh : PUSAT PENELITIAN DAN PENGABDIAN MASYARAKAT (P3M) STIKES KESDAM IV / DIPONEGORO SEMARANG

THE INTERNATIONAL SCIENCE OF HEALTH JOURNAL VOLUME 2 NO. 1 MARET 2024

FOKUS DAN RUANG LINGKUP JURNAL

The International Science of Health Journal, e-ISSN : 2986-6820, p-ISSN : 2986-6855 is a peer-reviewed international journal that publishes practice, ideas, and research in all health sciences and nursing or practice fields from a global perspective. The International Journal of Health Sciences aims to highlight evidence on the Practice of Surgery, Pharmacy, Maternity, Child Health, Mental Health, Dentistry, Medical Education, Midwifery, Science and Nursing, Health Policy and Management, Community Nutrition, Environmental Health, Epidemiology, Reproductive Health, Promotion Health, Occupational Safety & Health, Other Health Professions to a global audience. published 4 (four) times a year in March, June, September and December.

Articles published in The International Science of Health Journal include the results of original scientific research (top priority), new scientific review articles (not priority), or comments or criticism of existing writings. The International Science of Health Journal accepts manuscripts or articles in the scientific fields of Surgery, Pharmacy, Maternity, Child Health, Mental Health, Dentistry, Medical Education, Midwifery, Science and Nursing, Health Policy and Management. from various academics and researchers both nationally and internationally.

Articles published in journals are articles that have gone through a review process by Mitra Bebestari (peer-reviewers). The International Science of Health Journal only accepts articles that come from original research results (top priority), and scientific review articles that are new (not priority). The decision to accept or not a scientific article in this journal is the right of the Editorial Board based on recommendations from Mitra Bebestari.

JOURNAL INDEXATION INFORMATION

The International Science of Health Journal, e-ISSN : 2986-6820, p-ISSN : 2986-6855 https://jurnal.stikeskesdam4dip.ac.id/index.php/ishel is a peer-reviewed journal that is planned to be indexed at several reputable indexers, including: Google Scholar; Digital Referral Guard (GARUDA), Directory of Open Access Journal (DOAJ).



THE INTERNATIONAL SCIENCE OF HEALTH JOURNAL VOLUME 2 NO. 1 MARET 2024

PELINDUNG

Ketua Stikes Kesdam IV/Diponegoro Semarang, Indonesia

PENANGGUNG JAWAB

Margiyati, M.Kep. Stikes Kesdam IV/Diponegoro Semarang, Indonesia

TIM EDITOR

Ainnur Rahmanti, M.Kep. Stikes Kesdam IV/Diponegoro Semarang, Indonesia
Dwi Mulianda, M.Kep. Stikes Kesdam IV/Diponegoro Semarang
Dian Dayaningsih, M.Kep. Stikes Kesdam IV/Diponegoro Semarang
Ns. Mohammad Fatkhul Mubin, M.Kep., Sp.Kep.J Universitas Muhammadiyah
Suhartini Ismail, Skp., MNS., Ph.D Universitas Diponegoro, Semarang, Indonesia
Dr. Untung Sujianto., S.Kp., M.KepUniversitas Diponegoro, Semarang
Dr. Rr.Sri Endang Pudjiastuti, SKM., MNS Poltekkes Kemenkes Semarang

Reviewer

Yulia Susanti, M.Kep., Sp.Kep.Kom Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Triana Arisdiani, M.Kep., Sp.Kep.MB Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Ratna Muliawati,S.KM., M.Kes (Epid) Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Ns. Eka Malfasari, M.Kep., Sp.Kep. J Sekolah Tinggi Ilmu Kesehatan Payung Negeri
Novi Indrayati, M.Kep Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Yulia Susanti, M.Kep., Sp.Kep.Kom Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Yulia Susanti, M.Kep., Sp.Kep.MB Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Triana Arisdiani, M.Kep., Sp.Kep.MB Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Ratna Muliawati,S.KM., M.Kes (Epid) Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
Ratna Muliawati,S.KM., M.Kes (Epid) Sekolah Tinggi Ilmu Kesehatan Kendal, Indonesia
I Gede Yudiana Putra, Stikes Kesdam IX/Udayana Denpasar, Indonesia
I Kadek Agus Dwija Putra, Stikes Kesdam IX/Udayana Denpasar, Indonesia

Penerbit:

Lembaga Penelitian Pengembangan dan Pengabdian kepada Masyarakat (LP3M) Stikes Kesdam IV/Diponegoro Semarang, Indonesia

THE INTERNATIONAL SCIENCE OF HEALTH JOURNAL VOLUME 2 NO. 1 MARET 2024

KATA PENGANTAR

The International Science of Health Journal, e-ISSN : 2986-6820, p-ISSN : 2986-6855 is a peerreviewed international journal that publishes practice, ideas, and research in all health sciences and nursing or practice fields from a global perspective. The International Journal of Health Sciences aims to highlight evidence on the Practice of Surgery, Pharmacy, Maternity, Child Health, Mental Health, Dentistry, Medical Education, Midwifery, Science and Nursing, Health Policy and Management, Community Nutrition, Environmental Health, Epidemiology, Reproductive Health, Promotion Health, Occupational Safety & Health, Other Health Professions to a global audience. published 4 (four) times a year in March, June, September and December.

The International Science of Health Journal publishes the only paper that strictly follows the guidelines and templates for manuscript preparation. All submitted manuscripts will go through a double-blind peer review process. The paper is read by members of the editor (according to the area of specialization) and will be screened by the Managing Editor to meet the criteria required for publication. Manuscripts will be sent to two reviewers based on their historical experience in reviewing manuscripts or based on their areas of specialization. The International Science of Health Journal has reviewed forms to keep the same item reviewed by two reviewers. Then the editorial board makes a decision on the comments or suggestions of the reviewers.

Reviewers provide an assessment of originality, clarity of presentation, contribution to the field/science. This journal publishes research articles, review articles/literature reviews, case reports and concept/policy articles, in all scientific fields of Surgery, Pharmacy, Maternity, Child Health, Mental Health, Dentistry, Medical Education, Midwifery, Science and Nursing, Health Policy and Management, Community Nutrition, Environmental Health. The article to be published is an original work and has never been published. Incoming articles will be reviewed by a team of reviewers from internal and external sources.

The Editorial Board will try to continue to improve the quality of the journal so that it can become an important reference in the development of science. The greatest appreciation and gratitude to Mitra Bestari along with members of the Editorial Board and all parties involved in the publication of this journal.

Regards,

Chief Editor

THE INTERNATIONAL SCIENCE OF HEALTH JOURNAL **VOLUME 2 NO. 1 MARET 2024**

Daftar Isi

Fokus Dan Ruang Lingkup Jurnal	Ι
Tim Editor	II
Kata Pengantar	III
Daftar Isi	IV
Epilepsy as a Disease Affecting Neural Networks Pretika Prameswari	Hal 01 – 17
The Influence of Knowledge and Economic Status on Early Marriage in Keliling Danau District, Kerinci Regency in 2022 Sri Astuti Siregar, Aysah Aysah, Marta Butar Butar, Usi Lanita	Hal 18 - 23
Identification Of Potential Ergonomic Hazards In The Upper Body Using SNI 9011: 2021 At PT. X Rosmala Asty Novita Putri, Usi Lanita, David Kusmawan, Willia Novita Eka Rini, Budi Aswin	Hal 24 - 33
Building a Culture of Safety among Future Maritime Leaders in Indonesia Hesti Ekawati	Hal 34 – 44
The stress level of craftsmen working in production division of PT Sony Central Industry, Jepara Sri Hindriyastuti, Stefanus H, Syahrial Aman	Hal 45 - 54