



International Journal of Allied Health Sciences

Vol. 8 No. 2 (2024)

Copyright Notice

Consent to publish: The Author(s) agree to publish their articles with IIUM Press. Declaration: The Author(s) declare that the article has not been published before in any form that it is not concurrently submitted to another journal for publication, and that it does not infringe on anyone's copyright. The Author(s) holds the IIUM Press and Editors of the journal harmless against all copyright claims.

Transfer of copyright: The Author(s) hereby agree to transfer the copyright of the article to IIUM Press, which shall have the non-exclusive and unlimited right to publish the article in any form, including in electronic media. For the article with more than one author, the corresponding author confirms that he/she is authorized by his/her co-author(s) to grant this transfer of copyright.

The IIUM International Journal of Allied Health Sciences (IJAHS) follows the open access policy.

All articles published open access will be immediately and permanently free for everyone to read, download, copy, and distribute for non-commercial purposes.

IIUM International Journal of Allied Health Sciences at https://journals.iium.edu.my/ijahs/index.php/IJAHS is licensed under a Creative Commons Attribution-Non-commercial 4.0 International License.

ii

EDITORIAL TEAM

PATRON IN CHIEF

Professor Dr. Ahmad Aidil Arafat Bin Dzulkarnain

CHIEF EDITOR

Professor Dr. Mohd. Zulfaezal Bin Che Azemin

EDITOR

Assoc. Prof. Dr. Wan Azdie Mohd Abu Bakar

SECTIONS EDITORS

Professor Dr. Muhammad Muzaffar Ali Khan Khattak

Professor Dr. Suzanah Binti Abdul Rahman

ASSOCIATE EDITORS (TECHNICAL)

Asst. Prof. Dr. Mohamed Arshad Mohamed Sideek

Asst. Prof. Dr. Mohamad Ashraf Rostam Asst. Prof. Dr. Ummi Farhana Hashim

LANGUAGE EDITOR

Assoc. Prof. Dr. Wan Aslynn Salwani Binti Wan Ahmad

Asst. Prof. Dr. Rozlin Binti Abdul Rahman

Asst. Prof. Dr. Nurulwahida Saad

COPY EDITOR

Asst. Prof. Dr. Norsyuhada Binti Alias

Asst. Prof. Dr. Nuraniza Binti Azahari

SECRETARY

Asst. Prof. Dr. Nor Azwani Binti Mohd Shukri

INTERNATIONAL ADVISORY TEAM MEMBERS

Assoc. Professor Dr. Riyaz M. Basha

University of North Texas Health Science Center 3500 Camp Bowie Blvd, Fort Worth, TX 76107, USA.

Professor Dr. Gilson Khang

South Korea, Biomaterials Lab at Korea Research Institute of Chemical Technology (KRICT, Deajeon Korea).

Professor Dr. Gottipolu Rajarami Reddy

Vikrama Simhapuri University, Nellore-524003 India

Professor Dr. Matcha Bhaskar

Division of Animal Biotechnology, Dept. of Zoology, S.V. University TIRUPATI – 517502

Professor Dr. Rubina Hakeem

Clinical Nutrition Department, Faculty of Applied Medical Sciences, Taibah University, Al Madinah Al Munawaroh, Saudi Arabia Pox 4583 Post Code: 41412.

Professor Dr. Alam Zeb

Faculty of Nutrition Sciences, Agricultural University Peshawar, 25130, Khyber Pakhtunkhwa, Pakistan

Professor Dr. Muhammad Subhan Qureshi

Faculty of Animal Husbandry and Veterinary Sciences, Department of Livestock Management, The University of Agriculture, Peshawar, 25130, Khyber Pakhtunkhwa, Pakistan.

Professor Dr. Rizal Damnik

Department of Community Nutrition, Faculty of Human Ecology, Bogor Agricultural University, Bogor, Indonesia-16680.

ABOUT THE JOURNAL

International Journal of Allied Health Sciences, is a peer-reviewed, English-language scholarly online journal, published biannually by the Kulliyyah of Allied Health Sciences, International Islamic University Malaysia

OBJECTIVES

The main objectives of this journal are to;

- nurture the Allied Health Sciences Professionals in their research dissemination/article writing.
- provide a chance and to review/share knowledge in the related research and professional interest.
- facilitate academics and researchers to elevate their intellectual level interacting through this journal.

AREA OF COVERAGE

This journal will provide an avenue for academics to enhance their intellectual level by reviewing and submitting research articles. This journal broadly covers disciplines namely Nutrition and dietetics, Medical Imaging, Biomedical Physiotherapy, Speech and audiology, and Optometry. Furthermore, it covers the sub-disciplines within Nutrition and dietetics (Anthropometric, Biochemical and clinical Nutritional Status Assessments, etc.), in Medical Imaging (Radiographic Techniques, Body, Breast, Musculoskeletal, Cardiovascular, and Paediatrics Imaging), Biomedical Sciences (Biochemistry, Bioinformatics, Immunology, Biomedical Engineering, Biophysics, Biotechnology, Cell Biology, Embryology, Endocrinology, Genetics, Medicinal/Pharmaceutical Chemistry, Microbiology, Parasitology, Pharmacology, Physiology, and Toxicology, etc) Physiotherapy (Rehabilitation, Physical Therapy, and Physiotherapy, etc), Speech Audiology (Clinical Audiology, Educational Speech-Language Pathology, and Speech Therapy, etc) and Optometry (Clinical, Industrial Optometry and issues on Optometry, etc).

MODE OF PUBLICATION

International Journal of Allied Health Sciences (IJAHS) is published biannually with special issues depending on conferences etc. It is only available online in PDF format.

MANUSCRIPT SUBMISSION

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors who do not adhere to these guidelines.

- The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- The submission file is in OpenOffice, Microsoft Word, RTF, or WordPerfect document file format.
- Where available, URLs for the references have been provided.
- The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
- The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines, which are found in About the Journal.
- If submitting to a peer-reviewed section of the journal, the instructions in Ensuring a Blind Review have been followed.

PUBLICATION ETHICS

The authors are expected to properly quote and give full credibility to the source. Furthermore, take written permissions where the photograph and figures used might be the source/reason for a violation of copyrights. The prospective authors are advised to visit the blog on ethics of the Committee on Publication Ethics (COPE) (http://www.publicationethics.org/)

PUBLICATION POLICY

The International Journal of Allied Health Sciences (IJAHS) is an open-access online journal based on the OJS system. All content in it is freely available without charge to the user or his/her institution. Users are allowed to read, download, copy, distribute, print, search, or link to the full texts of the articles in this Journal without asking prior permission from the publisher or the author. This is by the BOAI definition of open access.

PUBLISHED BY



IIUM Press, International Islamic University Malaysia Jalan Gombak, 53100 Kuala Lumpur, Malaysia Phone (+603) 6421-5014, Fax: (+603) 6421-6298

Whilst every effort is made by the publisher and editorial board to see that no inaccurate or misleading data, opinion or statement appears in this Journal, they wish to make it clear that the data and opinions appearing in the articles and advertisement herein are the responsibility of the contributor or advertiser concerned. Accordingly, the publisher and the editorial committee accept no liability whatsoever for the consequence of any such inaccurate or misleading data, opinion, or statement.

International Journal of Allied Health Sciences <u>Volume 8, Issue Number 2, 2024</u>

TABLE OF CONTENTS

COPYRIGHT EDITORIAL
ORIGINAL ARTICLES AND REVIEWS
FOUR RECURRENT MISCARRIAGES –IS IT A CASE OF ANTIPHOSPHOLIPID SYNDROME? YASHDEV ATRI ROOP KISHORE, MOHD SHAIFUL EHSAN BIN SHALIHIN
THE EFFECTS OF EARLY PHYSIOTHERAPY INTERVENTION ON PATIENTS IN INTENSIVE CARE UNIT: A SYSTEMATIC REVIEW
ALYA BASYIRAH MOHD AZMI, SITI SALWANA KAMSAN3009-3019
MAPPING THE INTELLECTUAL STRUCTURE OF TELEHEALTH RESEARCH IN GERIATRICS: A BIBLIOMETRIC ANALYSIS
NOR AZREEN OMAR, NURUL EARLIANA NORDIN, AZLIYANA AZIZAN
NARRATIVE REVIEW ON RADIATION EXPOSURE IN HEALTHCARE WORKERS: UNVEILING THE RISKS AND SAFETY MEASURES
NOR ARTIKA HASSAN, NOR AIN RABAIEE, ROSELAWATI MAT YA, NUR ALIA IMAN SHAIK MOHD NIZAM, WAN NUR AQILAH WAN SABRI, IZZATI AIN IBARAHIM, NAJWA ELYANI MD KAMAL 3029-3035
PREVALENCE AND FACTORS INFLUENCING BIOFILM-PRODUCING BACTERIA ON THE TOOTHBRUSHES OF HEALTH SCIENCES UNDERGRADUATE STUDENTS
NUR AIN ABD MURAD, NURSALIHAH ANDI TAKDIR ALAMSHAH, NA'EL AWATEEF AHMAD, HANANI AHMAD YUSOF

KNOWLEDGE, ATTITUDE & PRACTICE REGARDING BREAST CANCER AND BREAST SELF-EXA (BSE) AMONG UNDERGRADUATE STUDENTS OF INTERNATIONAL ISLAMIC UNIVERSITY MA (IIUM)	
SITI NOORKHAIRINA SOWTALI, NUR HAZELIN HANIM HALID, SYAIMAA AISYAH MOHD SALI	
MAMMOGRAPHIC BREAST DENSITY AND ITS ASSOCIATED FINDINGS AMONG HUM KUANT RADHIANA HASSAN, AISYAH KHAULAH MUSLIM, KARIMAH HANIM ABD AZIZ	
NUTRITIONAL STATUS AND PREVALENCE OF HYPERTENSION AMONG TEACHERS IN YEWA LOCAL GOVERNMENT, OGUN STATE, NIGERIA	NORTH
JOEL OKOLOSI, OLUTAYO CHUKWUKA, JUMOKI ILO, OLORUNFUNMI SOLANA, OLUWAPAM FAKILE, YEWANDA UTHMAN-AKINHANMI3	
DEVELOPMENT & EVALUATION OF AN ANIMATED VIDEO ON HEALTHY WEIGHT GAIN AND INTAKE DURING PREGNANCY FOR STUNTING PREVENTION	ENERGY
MUHAMMAD ABDUL HAYEI KARBASCHI MD SHARIZAM, MUHAMMAD FARHAN HANIF NC MUHAMAD ASHRAF ROSTAM, MOHD RAMADAN AB HAMID, MUHAMAD SADRY ABU SEN RAHIWAN NAZAR ROMLI, NOR AZWANI MOHDSHUKRI	1AN,
PREVALENCE AND SEVERITY OF NECK PAIN AND ITS ASSOCIATION WITH SMARTPHONE AD AMONG UNDERGRADUATE STUDENTS AT THE KULLIYYAH OF ALLIED HEALTH SCIENCE, IIUK KUANTAN	
MAWAR ERIZHA AZALIMAN, ROZLIN ABDUL RAHMAN30	79-3085
METAGENOMIC ANALYSIS OF CONTAMINATED LIFT BUTTONS REVEALS PREVALENT PATHO ANTIMICROBIAL RESISTANCE GENES: A STUDY IN A PUBLIC HOSPITAL IN PAHANG, MALAYS IZZATI MUHAMMAD, NIZA SAMSUDIN, RAJA NOOR ZALIHA RAJA ABD RAHMAN, NORHIDA KAMARUDIN, NORSYUHADA ALIAS	SIA AYAH