



ICPHPHM 2026

2nd International Conference on
**Public Health, Physical Health and
Healthcare Management**



13th-14th March 2026



Bangkok, Thailand

Organizer by



IFERP[®] Life Sciences
Explore Your Research Journey...

IFERP Life Sciences—Formerly Bioleagues



2nd International Conference on Public Health, Physical Health and Healthcare Management (ICPHPHM-2026), Bangkok, Thailand

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Conference Theme

Transforming Public Health: Innovation, Equity, and Global Collaboration for Sustainable Health Systems



Preface

We are delighted to extend a warm welcome to all participants attending 2nd International Conference on Public Health, Physical Health, and Healthcare Management (ICPHPHM-2026) organized by IFERP Life Sciences-Formerly Bioleagues taking place in Bangkok, Thailand on March 13th-14th, 2026. This conference provides a vital platform for researchers, students, academicians, and industry professionals from all over the world to share their latest research results and development activities in the field of Healthcare Management. It offers delegates an opportunity to exchange new ideas and experiences, establish business or research relationships, and explore global collaborations.

The proceedings for ICPHPHM-2026 contain the most up-to-date, comprehensive, and globally relevant knowledge in the field of Healthcare Management. All submitted papers were subject to rigorous peer-reviewing by 2-4 expert referees, and the papers included in these proceedings have been selected for their quality and relevance to the conference. We are confident that these proceedings will not only provide readers with a broad overview of the latest research results in Healthcare Management but also serve as a valuable summary and reference for further research in this field.

We are grateful for the support of many universities and research institutes, whose contributions were vital to the success of this conference. We extend our sincerest gratitude and highest respect to the many professors who played an important role in the review process, providing valuable feedback and suggestions to authors to improve their work. We also extend our appreciation to the external reviewers for providing additional support in the review process and to the authors for contributing their research results to the ICPHPHM-2026.

We express our gratitude to the keynote and individual speakers and all participating authors for their dedication and hard work. We also sincerely appreciate the efforts of the technical program committee and all reviewers, whose contributions made this conference possible. Finally, we extend our thanks to all the referees for their constructive comments on all papers, and we express our deepest gratitude to the organizing committee for their tireless work in making this conference a reality.

About ICPHPPHM 2026

Welcome to 2nd International Conference on Public Health, Physical Health, and Healthcare Management, taking place on March 13th-14th, 2026, in the vibrant city of Bangkok, Thailand. This event gathers experts, researchers, practitioners, and policymakers to discuss critical issues and advancements in public health and healthcare management.

Theme : Transforming Public Health: Innovation, Equity, and Global Collaboration for Sustainable Health Systems

The conference serves as a dynamic platform for collaborative discussions and knowledge exchange, focusing on innovative strategies to enhance physical health and improve healthcare systems. Attendees will have the opportunity to engage in thoughtprovoking sessions, workshops, and keynote presentations that address the latest research, emerging trends, and best practices in the field.

Purpose of the Conference

The ICPHPPHM 2026 is dedicated to driving impactful discussions and actionable solutions in the realm of public and physical health. Its primary purpose is to serve as a global forum where healthcare professionals, researchers, policymakers, and innovators come together to: **1)** Address pressing public health challenges through evidence-based dialogue; **2)** Explore multidisciplinary approaches to improve health outcomes; **3)** Promote equity and accessibility in healthcare systems worldwide; **4)** Accelerate innovation and technology adoption in public health practices; **5)** Foster long-term collaborations for sustainable healthcare development

Objective of the Conference

The primary objective of the ICPHPPHM-2026 is to facilitate knowledge exchange and promote innovation at the intersection of life sciences and healthcare with a focus on sustainability.

Promote Knowledge Exchange: Share insights, research, and best practices to strengthen global public health strategies.

Foster Collaborative Research: Encourage cross-border studies on healthcare systems, policies, and outcomes to find effective, scalable solutions.

Explore Healthcare Innovations: Showcase emerging technologies and practices transforming public health and care delivery.

Build a Global Network: Connect professionals, researchers, and policymakers to drive sustainable health improvements across nations.

Scope of the Conference

Innovative Public Health Practices: Novel strategies and approaches enhancing public health outcomes and healthcare delivery.

Health Equity: Research focused on reducing disparities in healthcare access and outcomes across diverse populations.

Global Health Collaboration: The role of international partnerships in addressing shared health challenges.

Technology in Healthcare: Leveraging digital tools and emerging technologies for better public health surveillance, data management, and patient care.

Sustainable Health Systems: Policies and practices that ensure resilient, equitable, and long-lasting healthcare infrastructure.

About IFERP Life Sciences

IFERP Life Science is a globally recognized professional association meant for research, innovation and development in the field of life sciences and medical sciences . It serves to propel and fuel all innovative works of research with immense potential in the fields of Healthcare, Life Sciences, Pharmaceutical Sciences, Medical Sciences, Food & Nutrition, Environmental Science, Oncology, Cardiology, Nursing, Microbiology, Physiotherapy, Dentistry and many more. IFERP Life Science has been directly responsible for a significant amount of the revolutionary developments that have taken place in these fields over the past few decades.

IFERP Life Science is a specialized platform that supports life science and medical professionals in advancing their careers and research impact. Our tailored solutions include international conferences, Faculty Development Programs, Webinars, author services, membership and scientific communications, designed to foster collaboration and knowledge-sharing within the global medical community.

Our Mission

- Promote global research, innovation and development in life science, medical science, environmental science, pharmaceutical science and health care, to attain sustainable development goals (SDG's) for universal benefit.
- Advance Life Science & Medical Science for societal service.
- To facilitate knowledge exchange and growth through our professional activities and scientific conferences.

Our Vision

- An inclusive global scientific community promotes excellence in life science and medical events, author services, membership, informed decisions, and actions worldwide.

Message from Director, IFERP



**Mr. A. Siddh Kumar
Chhajer**

Managing Director & Founder,
IFERP, Technoarete Group,
India

On behalf of IFERP & the organizing Committee, I express my hearty gratitude to the Participants, Keynote Speakers, Delegates, Reviewers and Researchers.

The goal of the ICPHPPHM 2025 is to provide knowledge enrichment and innovative technical exchange between international researchers or scholars and practitioners from the academia and industries in various fields of academics. This conference creates solutions in different ways and to share innovative ideas in the field of Public Health, Physical Health, and Healthcare Management. ICPHPPHM 2025 provides a world class stage to the Researchers, Professionals, Scientists, Academicians, and students to engage in very challenging conversations, assess the current body of research and determine knowledge and capability gaps.

ICPHPPHM 2025 will explore the new horizons of innovations from distinguished researchers, scientists and eminent authors in academia and industry working for the advancements in Generic and Pedagogical Research Evolutions in Public Health, Physical Health, and Healthcare Management from all over the world. ICPHPPHM 2025 hopes to set the perfect platform for participants to establish careers as successful and globally renowned specialists in various fields of Academics.

Message from CEO, IFERP



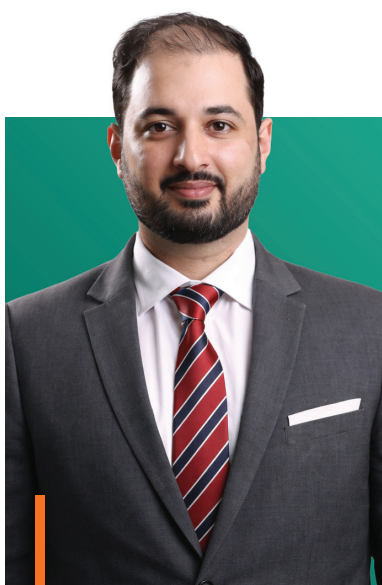
**Mr. Rudra Bhanu
Satpathy**

CEO & Founder,
IFERP, Technoarete Group,
India

IFERP is hosting the International Conference on Public Health, Physical Health, and Healthcare Management (ICPHPHM-2025) this year in month of March. The main objective of ICPHPHM-2025 is to grant the amazing opportunity to learn about groundbreaking developments in modern industry, talk through difficult workplace scenarios with peers who experience the same pain points, and experience enormous growth and development as a professional. There will be no shortage of continuous networking opportunities and informational sessions. The sessions serve as an excellent opportunity to soak up information from widely respected experts. Connecting with fellow professionals and sharing the success stories of your firm is an excellent way to build relations and become known as a thought leader.

I express my hearty gratitude to all my Colleagues, Staffs, Professors, Reviewers and Members of organizing committee for their hearty and dedicated support to make this conference successful. I am also thankful to all our delegates for their pain staking effort to make this conference successful.

About Keynote Speaker



**Dr. Raja Ahsan
Aftab**

Universiti Sains Malaysia,
Malaysia

Dr. Raja Ahsan Aftab is the Head of the Department of Clinical Pharmacy and Pharmacy Practice at the Faculty of Pharmacy, Universiti Malaya. He obtained his PhD and Master's in Clinical Pharmacy from Universiti Sains Malaysia (USM) and his Doctor of Pharmacy (Pharm.D) from Riphah International University, Pakistan. Dr. Aftab's research expertise lies in pharmacoepidemiology and digital health, with a particular focus on renal diseases.

He has successfully supervised postgraduate research students and published numerous high-impact manuscripts in prestigious peer-reviewed journals. Dr. Aftab is the recipient of multiple university and industry research grants and serves as a consultant for academic research groups and pharmaceutical industries. He is also an author of peer-reviewed books and book chapters and has presented his work at national and international scientific conferences, earning research excellence awards.

Recognized for his contributions to teaching innovation, he was awarded the Exemplary Meritorious Academic Staff (EMAS) Award. His current research endeavors aim to integrate artificial intelligence models to optimize patient health outcomes and medication usage.

About Keynote Speaker



**Dr. Serah Funke
Ige**

Professor, Ladoké Akintola
University of Technology,
Nigeria

Ige, Serah Funke, is a professor of Gastrointestinal and Environmental Physiology at the Department of Physiology, Ladoké Akintola University of Technology (LAUTECH), Ogbomoso, Oyo State, Nigeria.

Prof. Ige received a BSc (Honours) degree in Physiology from University of Ilorin, Nigeria, MSc and PhD in gastrointestinal physiology from University of Ibadan, Nigeria. Her research area focus on the effect/s of flavonoids containing fruits/seeds on both gastrointestinal diseases and heavy metal (environmental toxicant) induced-toxicity on various vital organs. Results from Ige's researches showed that organ toxicity and deterioration in function as a result of toxic substances exposure were associated with altered hemorheology, dyslipidaemia, and oxidative stress, while the flavonoids used in my studies protected against toxicants-induced tissue/organ damage via a mechanism associated with the anti-oxidative activities of the flavonoids. These flavonoids have also proved to be potent prophylactic and therapeutic agents in gastrointestinal diseases. Output of Prof. Ige's researches have also shown that the level of toxicity induced by a toxicant in organs is dependent on the retention properties of the organs. The toxic effect arises from oxidative stress induced by the toxicant. However, flavonoids used in her researches ameliorated organ toxicity by reducing organ toxicant retention via antioxidant activities.

She is a member of LAUTECH Biopharma Development Research Group, Physiological Society of Nigeria and The Physiological Society, United Kingdom. She has published over fifty (50) articles in different peer reviewed international journals

About Keynote Speaker



**Dr. Alka
Gupta**

Founder & MD,
AGATH Healthcare & Wellness,
Thailand

Dr. Alka Gupta a Gold Medalist from President of India, Guinness Book of World Records holder is Founder-Director of AGATH Healthcare and Wellness , Expert , Integrative and Complementary Medicines, WHO , World Health Organization Geneva, Project Advisor , MYoga App, Ministry of AYUSH, Government of India certified Wellness Expert Evaluator -Therapist Who holds the expertise in Neurological Disorders and Life Style Diseases . Organized more than 5000 Health workshop , Talks and Retreats on Ayurveda , Yoga, Naturopathy , Thai Traditional Therapies. Cured thousands of Patients with her Unique, personalized, Integrative Cause to Cure Methodology. Blogger, Writer, Researcher, Health motivational speaker ,practicing Indian Traditional Medicine Systems more than 25years. She hold the many International Honorary Posts and recipient of More than 50 International/National Awards and Recognitions Globally for her extraordinary contributions for work in Healthcare and Wellness Journey. Her company has signed MoUs with renowned Universities, Corporates, Media Houses for Health Education training programs, Research, Internship and Knowledge Transfer.

About Keynote Speaker



**Dr. Atul
Khajuria**

Dean, Faculty of Allied Health
Sciences, Rayat Bahra
Professional University,
India

Dr. Khajuria is a results-driven Academic Leader, Researcher, and Professor of Medical Microbiology & Pathology with over 16 years of progressive experience in higher education, research, and academic administration.

As the immediate past Director of Allied Health Sciences at Desh Bhagat University, Punjab, he has demonstrated a strong track record in institution building, curriculum innovation, regulatory compliance, and industry engagement across multidisciplinary domains in Allied Health and Biomedical Sciences. A visionary academic and administrator, Dr. Khajuria has been instrumental in designing and launching more than 15 NEP 2020-compliant undergraduate and postgraduate programs, including Critical Care Technology, Forensic Science, and Molecular Biology. He has successfully led NAAC/NMC accreditation processes, academic audits, and internal quality assurance mechanisms, contributing to improved accreditation outcomes and increased student enrollment. A recognized expert in microbiology and antimicrobial resistance, Dr. Khajuria was among the first Indian scientists to identify novel antibiotic resistance genes (bla_{NDM-1}, bla_{NDM-10}) in *Pseudomonas aeruginosa*.

He has authored over 79 peer-reviewed publications, with research interests spanning antimicrobial resistance, molecular diagnostics, hospital-acquired infections, and emerging zoonotic diseases. As a mentor, he has supported over 50 faculty members and early-career researchers in research methodology, pedagogy, and academic project development.

His commitment to academic excellence is further reflected in his introduction of innovative teaching approaches, including simulation-based learning, flipped classrooms, and competency-based assessments. In administrative leadership, Dr. Khajuria has effectively managed operations for more than 500 students, overseeing admissions, budgeting, timetabling, and faculty deployment. Beyond academia, he has contributed significantly to public health initiatives, including COVID-19 diagnostics, AMR surveillance, and community outreach programs in tuberculosis control, hygiene promotion, and antimicrobial stewardship.

About Keynote Speaker



**Dr. Pornsak
Sriamornsak**

Professor,
Silpakorn University,
Thailand

Professor Dr. Pornsak Sriamornsak is a distinguished academic leader and researcher in pharmacy and pharmaceutical sciences at Silpakorn University, Thailand. He is currently Dean of the Faculty of Pharmacy and previously served as Vice President for Academic Affairs and Research of the University (2017–2019). He has progressed through all academic ranks to Professor and has played a central role in shaping pharmaceutical education and research at both institutional and national levels.

Prof. Sriamornsak holds degrees in pharmacy from Mahidol University and a PhD from Charles Sturt University, Australia. His academic training and international research experience have strongly influenced his work in pharmaceutical sciences, particularly in drug delivery and biopolymer-based systems.

He is a leading figure in the Thai pharmaceutical community, serving as President of the Council of Pharmacy Deans of Thailand (CPDT), Vice President of the Thai Industrial Pharmacist Association, and Executive Committee of the College of Industrial Pharmacy of Thailand. He is also a Fellow of the Royal Society of Thailand (Academy of Science), a University Councilor at the Praboromarajchanok Institute, and a Distinguished Professional and Expert Committee Member of the National Health Region 5 Committee for People's Health under the National Health Commission Office of Thailand.

Internationally, Prof. Sriamornsak serves as Adjunct Professor at Saveetha Institute of Medical and Technical Sciences (India) and Visiting Professor at Universiti Sultan Zainal Abidin (Malaysia). He has held leadership roles within regional professional organizations, including Vice President of the Asian Federation for Pharmaceutical Sciences (AFPS) and roles within the Federation of Asian Pharmaceutical Associations, and currently serves as President of the Asian Association of Environmental Mutagen Societies. He also serves on the editorial boards of several leading journals, including Asian Journal of Pharmaceutical Sciences, Current Drug Delivery, and Drug Development and Industrial Pharmacy.

His research focuses on drug delivery systems, pharmaceutical nanotechnology, biopolymers, and 3D printing technologies. He has published over 250 international articles, along with books, book chapters, and patents. His work has received major national and international honors, including the Nagai Award Thailand for Research, the FAPA Ishidate Award for Pharmaceutical Research, a Lifetime Achievement Award from the International Scientist Awards, the Silpakorn Top Researcher Award (2025), and the PPD Award 2024 from the Society of Powder Technology, Japan. He has been consistently listed among Stanford University's World's Top 2% of Scientists since 2020 in pharmacology and pharmacy, underscoring the global impact of his research.

About Keynote Speaker



**Ms. Nantipha
Sirijindarat**

President, Central Sterilizing
Services Association,
Thailand

Ms. Nantipha Sirijindarat, President of the Sterile Processing Association of Thailand, is a pioneering leader in healthcare sterile processing with over 30 years of experience advancing Thailand's medical standards. She holds a Master's in Business Management (Dhurakij Pundit University, 2011) and a Bachelor's in Nursing (Red Cross College, Chulalongkorn University, 1990), merging clinical expertise with strategic governance. Her career began in Chulalongkorn Hospital's operating room (1990–2000), followed by managerial roles at Kasemrad Prachachuen Hospital (2000–2010) and Siriraj Piyamaharajkarun Hospital, where she revolutionized sterile supply chains, infection control, and logistics as Sterile Medical Supplies Manager (2011–2014), Nutrition/Linen Services Manager (2015–2019), and Sterile Supplies & Transport Systems Manager (2020–present). As Association President (2016–present), she spearheads national sterile processing standards, education.

About Session Speaker



**Dr. Ahmad Yusuf
Bin Yahaya**

Taylors University,
Malaysia

Dr. Ahmad Yusuf Bin Yahaya holds a medical degree from Odessa State Medical University and currently serves as a Senior Lecturer in Anatomy at the School of Medicine, Faculty of Health and Medical Sciences, Taylor's University.

He also serves as the Chief Coordinator of the IMAM Response & Relief Team (IMARET), a Malaysian medical non-governmental organization (NGO) actively engaged in both international and local humanitarian missions. In this role, he leads and coordinates relief operations that demonstrate his strong commitment to humanitarian aid and medical service.

Internationally, Dr. Ahmad Yusuf has played pivotal roles in major humanitarian responses, including the earthquake relief mission in Turkey (2023), tsunami relief in Sulawesi, Indonesia (2018), and refugee assistance in Cox's Bazar, Bangladesh (2017–2018).

Within Malaysia, his efforts span a wide range of community-based initiatives, such as the COVID-19 vaccination outreach program (2020–2022) and flood relief operations since 2013. He is also deeply involved in organizing and volunteering in medical outreach programs for rural Orang Asli communities, refugees, and the Bajau Laut community.

Dr. Ahmad Yusuf's extensive involvement in humanitarian and outreach work reflects his enduring dedication to alleviating suffering and improving healthcare access for underserved populations—both locally and globally.

About Session Chair



Dr. Sukumaran

Director,
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Nachalida Yukalang

Assistant Dean for International
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Assessing the Continuum of Maternal and Child Health: Correlations Between ANC Indicators and Immunization Coverage in Rwanda

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Abstract:

Background: Antenatal care (ANC) and childhood immunization are central components of the maternal and child health continuum, yet their linkages within routine health systems remain insufficiently documented. Understanding how ANC performance aligns with immunization outcomes at facility level is essential for strengthening integrated service delivery in Rwanda.

Methods: We conducted a retrospective observational study using Rwanda's national Health Management Information System (HMIS) data from 2017–2024. Eight ANC indicators and two immunization outcomes—DTP-HepB-Hib3 (DTP3) and Measles-Rubella second dose (MR2)—were extracted and merged by facility-year. Indicators with >30% missingness were excluded, leaving four ANC variables for the primary analysis. Descriptive statistics were computed, followed by Pearson correlation analyses with confidence intervals, facility-level comparisons based on ANC volumes, and time-series and lag analyses to assess temporal alignment between ANC and immunization outputs.

Results: The dataset included 1,271 health facilities nationwide. Annual reporting remained stable between 2017 and 2022 but expanded sharply in 2023–2024 due to system-wide increases in reporting coverage. ANC new registrations showed substantial variation across facilities (mean 438; SD 585), as did immunization outputs (DTP3 mean 406; MR2 mean 380). All ANC indicators demonstrated strong positive correlations with DTP3 and MR2 (all $p < 0.001$). The highest correlations were found for ANC new registrations ($r = 0.804$ for DTP3; $r = 0.793$ for MR2) and early ANC contact in the first trimester. Facilities with higher ANC volumes generally exhibited higher immunization performance, though notable exceptions suggested potential gaps in service delivery or reporting. Time-series analysis revealed close alignment of ANC and immunization trends. Lag analysis showed near-perfect same-year correlations (DTP3 $r = 0.997$; MR2 $r = 0.993$), moderate correlations at lag-1 (~ 0.82), and minimal associations at lag-2 (~ 0.39), consistent with vaccine timing and annual data aggregation.

Conclusion: ANC service utilization is strongly associated with childhood immunization outcomes in Rwanda's routine health system. Early ANC engagement and high overall ANC volumes are particularly predictive of DTP3 and MR2 performance. These findings support the role of ANC as a critical entry point for strengthening the continuum of care and improving child health outcomes. Variability across facilities and the effects of reporting expansion highlight the importance of ongoing improvements in data quality and integrated service delivery.

From Fate to Data: Artificial Intelligence and the Transition from Common to Scientific Consciousness in Infertility Care in Morocco

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Abstract:

Infertility is not merely a biomedical condition but a socially and culturally constructed experience shaped by stigma, gender norms, and unequal access to healthcare. This article examines how artificial intelligence (AI) can contribute to the transition from common consciousness, rooted in fatalistic and traditional interpretations of infertility, to scientific consciousness, based on biomedical evidence and technological rationality, in the Moroccan context.

Adopting a qualitative interdisciplinary approach, the study is based on a critical synthesis of sociological research on infertility representations and therapeutic pathways, clinical and epidemiological data from a public IVF center, and recent scientific literature on AI applications in reproductive medicine.

The analysis shows that AI enhances diagnostic precision, reduces uncertainty, and challenges gendered narratives that disproportionately attribute infertility to women by objectifying reproductive causes through data-driven models. However, the findings also highlight significant financial, infrastructural, and ethical barriers that limit equitable access to AI-based reproductive care. Moreover, the dominance of non-local AI research raises concerns regarding cultural relevance and epistemological dependency.

The article argues that AI's transformative potential depends on its integration within inclusive public health policies, ethical governance, and context-sensitive research developed by Moroccan and Arab scholars. Only through such socio-technical alignment can AI contribute to reducing stigma and making scientific consciousness a shared social resource rather than a privileged form of knowledge.

Index Terms:

Infertility, Artificial Intelligence, Social Representations, Scientific Consciousness, Health Equity, Morocco

The Role of State Control Mechanisms in Ensuring the Competitiveness of Healthcare Services (Based on Expert and Entrepreneur Assessments)

Vaisov Dilshod Ibodullaevich

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Abstract:

The article comparatively analyzes the organizational and economic control mechanisms for ensuring competitiveness in the healthcare sector of Uzbekistan based on the results of a survey conducted among experts (50 individuals) and entrepreneurs (50 individuals). The results reveal a disparity between theory and practice, with digital platforms and scientific-educational activities receiving low evaluations. Based on the analysis, directions for improving control mechanisms have been proposed. The research findings will contribute to enhancing the quality and competitiveness of medical services.

Index Terms:

Healthcare, Competitiveness, Control Mechanisms, Pharmaceutical Safety, Licensing and Accreditation, Tax Control, Digital Platforms, Professional Development, State Control, Medical Services

Behind the Screen: Testing the Digital Self-Presentation Scale on Filipino Emerging Adults

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Professor of Psychology, Mapúa University, Cebu City, Philippines

Abstract:

Emerging adults provide personal data they choose to share within the digital environment through sharing the happenings in their lives on social media applications, may it be big or small. This term is referred to as “digital identity,” which became a crucial factor in understanding how an individual’s social media presence is shaped as well as how they perform their identities they had built online. Digital self-presentation practices in emerging adults revolve around three variables, namely social validation, authenticity, and image control. However, a lack of direct measuring instruments for digital self-presentation based on the three aforementioned variables with a focus on Filipino emerging adults signifies the need to develop a new scale. The present study is carried out to develop an instrument that aims to measure the said constructs. It involved three hundred eleven (311) Filipino emerging adults, with an inclusive criteria of ages 18–29. An exploratory factor analysis (EFA) was conducted to explore the factor structure of the tool and determine the number of factors that should be retained. Through the use of varimax, the extracted factors are rotated. The data analysis resulted in a final 10-item scale with three subscales namely image control, social validation, and authenticity, and the scale showed a high-reliability coefficient. The scale is valid and reliable in measuring the digital self-presentation of Filipino emerging adults across three subscales and further studies are recommended to confirm the factor structures as well as its applicability on other cultures.

Index Terms:

Scale Development, Exploratory Factor Analysis, Validation, Reliability, Filipino Emerging Adults

Does Pain Catastrophizing Differ by Demographics? Implications for Quality of Life in Chronic Pain Populations

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Abstract:

This study examined whether pain catastrophizing differs across demographic groups among Filipino chronic pain populations and explored how pain-related characteristics contribute to catastrophizing patterns. Given the cultural, economic, and healthcare challenges in the Philippines, understanding whether catastrophizing varies by demographics can inform targeted biopsychosocial interventions for chronic pain care. A cross-sectional survey of 349 Filipino adults with chronic pain (≥ 3 months) was conducted using purposive sampling. Participants reported demographic characteristics, pain type, pain frequency, and medication use. Standardized measures included Pain Catastrophizing Scale for measuring pain catastrophizing and Flanagan Quality of Life Scale. Data were analyzed using standard statistical analysis and correlational analysis. Pain catastrophizing did not significantly differ across sex ($p=.954$), age ($p=.720$), educational attainment ($p=.987$), socioeconomic status ($p=.587$), employment status ($p=.195$), or nature of work ($p=.830$). Descriptive trends indicated slightly higher catastrophizing among females, participants with neuropathic or cancer-related pain, and medication users, although these differences were non-significant. A negative correlation was found between catastrophizing and quality of life ($r=-.17, p<.001$), suggesting a culturally distinct pattern in which expressing distress may co-occur with stronger social support and adaptive help-seeking behaviors. Pain catastrophizing is negatively correlated with quality of life for individuals with chronic pain but biopsychosocial factors may have an effect. Sociodemographic profile revealed no differences in pain catastrophizing but pain characteristics showed relevant patterns with participants with constant pain and taking pain medication scoring higher in pain catastrophizing.

Index Terms:

Chronic Pain, Pain Catastrophizing, Filipino Adults

