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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH: JURNAL ILMIAH**

Judul Jurnal Ilmiah (Artikel) : *Adverse Childhood Experiences and Depression among Indonesian University Students*

Penulis Jurnal Ilmiah : **Salma Salma**, Dian Veronika Sakti Kaloeti, Amalia Rahmandani, Hastaning Sakti, Suparno

Jumlah Penulis : 5 orang

Status Pengusul : Penulis utama (pertama, korespondensi)

Identitas Jurnal Ilmiah : a. Nama Jurnal : *Indian Journal of Public Health Research & Development*  
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 d. Penerbit : *Institute of Medico-Legal Publications*  
 e. DOI artikel (jika ada): 10.5958/0976-5506.2019.00581.3  
 f. Alamat web jurnal : <http://medicopublication.com/index.php/ijp/hrd/issue/view/35>

Alamat artikel : <http://medicopublication.com/index.php/ijp/hrd/article/view/7341/6827>

g. Terindeks : Scopus

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d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	8	8	8
<b>Total (100%)</b>	26,25	27	26,625
<b>Nilai Pengusul (60%<math>\times</math>Nilai total) =</b>	15,75	16,2	15,975

Semarang, 30 Mei 2021

Reviewer 1 : Dr. Unika Prihatsanti, S.Psi., M.A.  
NIP. 197806022006042001

  
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Reviewer 2 : Anggun Resdasari Prasetyo, S.Psi., M.Psi.  
NIP. 198305252009122006

  
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c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	30% x 30 =9			8
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	30% x 30 =9			8
<b>Total = (100%)</b>	<b>30</b>			<b>26,25</b>
<b>Nilai Pengusul= (60%x26,25) = 15,75</b>				

**Catatan Penilaian Artikel oleh Reviewer:**

**1. Tentang kelengkapan dan kesesuaian unsur:**

Pada artikel tertera dengan lengkap unsur yang biasa terdapat pada jurnal seperti abstrak, introduction, method, result & discussion dan conclusion. Pada abstrak belum tertera data demografi subjek seperti jenis kelamin dan rata-rata usia.

**2. Tentang ruang lingkup dan kedalaman pembahasan:**

Penelitian ini bertujuan untuk mendeskripsikan masa kecil yang merugikan pengalaman dan depresi di kalangan mahasiswa dan untuk menyelidiki peran masa kanak-kanak yang merugikan mengalami depresi. Rata-rata usia subjek tidak tercantum pada rincian metode, justifikasi penentuan subjek belum diberikan (pada mahasiswa).

**3. Kecukupan dan kemutakhiran data/informasi dan metodologi:**

Menggunakan referensi tahun terbit 10 tahun terakhir. Metodologi penelitian prosedur pemilihan fakultas tidak diberikan penjelasan dengan rinci.

4. **Kelengkapan unsur kualitas penerbit:**

Jurnal IJPHRD adalah jurnal internasional terindeks scopus namun demikian indexing pada jurnal ini discontinue namun demikian saat artikel ini terbit masih terindex scopus.

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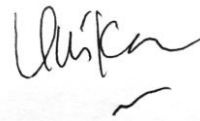
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6. **Kesesuaian bidang ilmu:**

Sesuai dengan bidang ilmu psikologi klinis.

Semarang, 30 Mei 2021

Reviewer 1



Dr. Unika Prihatsanti, S.Psi., M.A.

NIP. 197806022006042001

Jabatan (Gol): Lektor (IIIc)

Unit kerja: Fakultas Psikologi UNDIP

Bidang ilmu: Psikologi

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d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	30% x 30 = 9			8
<b>Total = (100%)</b>	<b>30</b>			<b>27</b>
<b>Nilai Pengusul= (60%x27)= 16,2</b>				

**Catatan Penilaian Artikel oleh Reviewer:**

**1. Tentang kelengkapan dan kesesuaian unsur:**

Penulisan artikel sudah sesuai unsur dan lengkap berdasarkan aturan Indian Journal of Public Health Research & Development, yang telah menyesuaikan juga dengan penulisan artikel ilmiah. Hal ini bisa terlihat dengan ditulis secara runtut mulai dari abstrak, pendahuluan, metodologi atau prosedur, analisa pembahasan, sehingga artikel bisa dibaca dan pahami secara runtut dan jelas.

**2. Tentang ruang lingkup dan kedalaman pembahasan:**

Tema yang diangkat oleh artikel penelitian ini cukup bagus dan telah juga dibahas secara mendalam yaitu tentang pengalaman menyakitkan dan depresi pada mahasiswa di Indonesia. Tema dan ruang lingkup yang dikaji pada artikel ini sesuai dengan permasalahan yang dihadapi mahasiswa sehingga bisa dijadikan bahan kajian dan pengembangan pendidikan selanjutnya.

**3. Kecukupan dan kemutakhiran data/informasi dan metodologi:**

Referensi artikel telah didukung oleh sitasi yang cukup baik dalam hal sitasi jurnal 10 tahun terakhir yaitu sekitar 80 persen. Metodologi dan analisa hasil penelitian juga sesuai dengan panduan penelitian ilmiah yaitu dengan menggunakan metode kuantitatif dengan analisa spearman rho. Analisa hasil tersebut menjukkan bahwa hipotesa penelitian telah terbukti.

**4. Kelengkapan unsur kualitas penerbit:**

Jurnal sudah memiliki kualitas yang baik yaitu diterbitkan pada Indian Journal of Public Health Research & Development. Jurnal ini sudah terindeks Scopus pada waktu artikel tersebut terbit, yaitu berada dalam kategori Q4 dengan impact factor 0,12. Artikel ini ditulis dengan bahasa inggris baku, telah memiliki ISSN serta telah memiliki alamat url yang valid untuk publikasi artikel tersebut. tim editor juga telah melibatkan berbagai Negara seperti USA, India, Malaysia, dan juga Negara-negara lain, yang tentu saja telah memiliki kapasitas yang baik dalam hal publikasi ilmiah.

**5. Indikasi plagiasi:**

Artikel ini telah dicek dengan aplikasi turnitin. Artikel ini setelah dicek dengan aplikasi turnitin , yaitu menunjukkan similiarity dibawah 15 persen sesuai dengan batasan PAK. Sehingga bisa disampaikan bahwa artikel ini tidak ada plagiasi dan memiliki orisinalitas artikel.

**6. Kesesuaian bidang ilmu:**

Artikel ini ditulis sesuai dengan bidang kepakaran penulis, yaitu artikel ini membahas tentang peristiwa yang menyakitkan dan depresi pada mahasiswa. Artikel ini sesuai dengan bidang kajian psikologi yaitu psikologi klinis dan juga psikologi pendidikan. Sehingga tentu saja hasil penelitian ini bisa bermanfaat baik secara teoritis maupun secara praktis.

Semarang,  
Reviewer 2

2021



Anggun Resdasari, S.Psi., M.Psi.  
NIP. 198305252009122006  
Jabatan (Gol): Lektor (IIIc)  
Unit kerja: Fakultas Psikologi UNDIP  
Bidang ilmu: Psikologi



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Indian Journal of Public Health Research and Development  
Volume 10, Issue 3, March 2019, Pages 677-682

## Adverse childhood experiences and depression among Indonesian university students (Article)

Salma, S.  Kaloeti, D.V.S., Rahmandani, A., Sakti, H., Suparno, S. 

Faculty of Psychology, Diponegoro University, Semarang, Indonesia


### Abstract

[View references \(21\)](#)

The prevalence of mental health problems, including depression, among university students was high. Previous studies showed that adverse childhood experiences was among factors that contribute to the course of depression. Individuals with more adverse childhood experiences had more vulnerability to have depression symptoms in their later life. This study was aimed to describe the adverse childhood experiences and depression among university students and to investigate the role of adverse childhood experiences to depression. Data were collected from 419 students of Diponegoro University. The subjects filled the Adverse Childhood Experiences Questionnaire and Beck Depression Inventory II (BDI-II). Data were analyzed using descriptive and correlation analysis as well as Receiver Operating Curve (ROC) and odds ratio computation. The result showed that subjects had zero to seven adverse childhood experiences and the average score of depression is 13,22 (SD=6.998). Using cut-off score at 17, the data showed that the prevalence of depression among subjects was 27.7%. Both variables in the study were significantly correlated (Spearman's rho= .266; p<.0001), supporting previous studies in general population. The Area Under the Curve (AUC) of adverse childhood experiences as predictor of depression was 61.9%. Odds ratio of individuals with minimum one adverse childhood experience was 2.481 (95% CI; 1.602 – 3.843). The result offers an additional understanding to mental health problems, particularly depression, among university student. Further implication of this findings for mental health program in university is discussed. © 2019, Indian Journal of Public Health Research and Development. All rights reserved.

### SciVal Topic Prominence

Topic: Childhood Adversity | Maltreatment | Child Abuse

Prominence percentile: 99.677 

### Author keywords

Adverse childhood experiences Depression Mental health problems University students

### Indexed keywords


EMTREE medical terms:

adult agitation alcoholism appetite Article bullying childhood adversity correlation analysis crying depression disease severity emotional abuse emotional neglect ethnicity fatigue female health program health promotion human major clinical study male mental health pessimism physical abuse prevalence questionnaire risk factor sensitivity and specificity sexual abuse sleep pattern sleep quality suicidal behavior university student young adult

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Moreno, M.A., Christakis, D.A., Egan, K.G.  
(2012) *Journal of Behavioral Health Services and Research*

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#### References (21)

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- 1 Merikangas, K.R., He, J.-P., Burstein, M., Swanson, S.A., Avenevoli, S., Cui, L., Benjet, C., (...), Swendsen, J. Lifetime prevalence of mental disorders in U.S. adolescents: Results from the national comorbidity survey replication-adolescent supplement (NCS-A) ([Open Access](#))
- (2010) *Journal of the American Academy of Child and Adolescent Psychiatry*, 49 (10), pp. 980-989. Cited 2792 times. doi: 10.1016/j.jaac.2010.05.017
- [View at Publisher](#)
- 
- 2 Merikangas, K.R., Nakamura, E.F., Kessler, R.C. Epidemiology of mental disorders in children and adolescents
- (2009) *Dialogues in Clinical Neuroscience*, 11 (1), pp. 7-20. Cited 531 times.
- [View at Publisher](#)
- 
- 3 Rao, U., Hammen, C., Ortiz, L.R., Chen, L.-A., Poland, R.E. Effects of Early and Recent Adverse Experiences on Adrenal Response to Psychosocial Stress in Depressed Adolescents ([Open Access](#))
- (2008) *Biological Psychiatry*, 64 (6), pp. 521-526. Cited 158 times. doi: 10.1016/j.biopsych.2008.05.012
- [View at Publisher](#)
- 
- 4 Hunt, J., Eisenberg, D. Mental Health Problems and Help-Seeking Behavior Among College Students
- (2010) *Journal of Adolescent Health*, 46 (1), pp. 3-10. Cited 714 times. doi: 10.1016/j.jadohealth.2009.08.008
- [View at Publisher](#)
- 
- 5 Bruffaerts, R., Mortier, P., Kiekens, G., Auerbach, R.P., Cuijpers, P., Demyttenaere, K., Green, J.G., (...), Kessler, R.C. Mental health problems in college freshmen: Prevalence and academic functioning ([Open Access](#))
- (2018) *Journal of Affective Disorders*, 225, pp. 97-103. Cited 129 times. [www.elsevier.com/locate/jad](http://www.elsevier.com/locate/jad) doi: 10.1016/j.jad.2017.07.044
- [View at Publisher](#)
- 
- 6 Zivin, K., Eisenberg, D., Gollust, S.E., Golberstein, E. Persistence of mental health problems and needs in a college student population
- (2009) *Journal of Affective Disorders*, 117 (3), pp. 180-185. Cited 315 times. doi: 10.1016/j.jad.2009.01.001
- [View at Publisher](#)

- 
- 7 Cranford, J.A., Eisenberg, D., Serras, A.M.  
Substance use behaviors, mental health problems, and use of mental health services in a probability sample of college students  
(2009) *Addictive Behaviors*, 34 (2), pp. 134-145. Cited 137 times.  
doi: 10.1016/j.addbeh.2008.09.004  
[View at Publisher](#)
- 
- 8 Moreno, M.A., Jelenchick, L.A., Egan, K.G., Cox, E., Young, H., Gannon, K.E., Becker, T.  
Feeling bad on facebook: Depression disclosures by college students on a social networking site ([Open Access](#))  
(2011) *Depression and Anxiety*, 28 (6), pp. 447-455. Cited 308 times.  
doi: 10.1002/da.20805  
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- 
- 9 Chapman, D.P., Whitfield, C.L., Felitti, V.J., Dube, S.R., Edwards, V.J., Anda, R.F.  
Adverse childhood experiences and the risk of depressive disorders in adulthood  
(2004) *Journal of Affective Disorders*, 82 (2), pp. 217-225. Cited 1125 times.  
doi: 10.1016/j.jad.2003.12.013  
[View at Publisher](#)
- 
- 10 Danese, A., Moffitt, T.E., Harrington, H.  
(2009) *Adverse Childhood Experiences and Adult Risk Factors for Age-Related Disease: Depression, Inflammation, and Clustering of Metabolic Risk Markers*
- 
- 11 Schilling, E.A., Jr, R.H.A., Gore, S.  
(2007) *Adverse Childhood Experiences and Mental Health in Young Adults: A Longitudinal Survey*, 10, pp. 1-10.
- 
- 12 Anda, R.F., Butchart, A., Felitti, V.J., Brown, D.W.  
Building a Framework for Global Surveillance of the Public Health Implications of Adverse Childhood Experiences  
(2010) *American Journal of Preventive Medicine*, 39 (1), pp. 93-98. Cited 352 times.  
doi: 10.1016/j.amepre.2010.03.015  
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- 
- 13 Felitti, V.J., Anda, R.F.  
The Relationship of Adverse Childhood Experiences to Adult Medical Disease, Psychiatric Disorders, and Sexual Behavior: Implications for Healthcare  
(2009) *The Hidden Epidemic: The Impact of Early Trauma on Health and Disease*. Cited 49 times.  
Eds R Lanius & E Vermetten
- 
- 14 Mersky, J.P., Topitzes, J., Reynolds, A.J.  
Impacts of adverse childhood experiences on health, mental health, and substance use in early adulthood: A cohort study of an urban, minority sample in the U.S. ([Open Access](#))  
(2013) *Child Abuse and Neglect*, 37 (11), pp. 917-925. Cited 232 times.  
doi: 10.1016/j.chiabu.2013.07.011  
[View at Publisher](#)
- 
- 15 Tresno, F., Ito, Y., Mearns, J.  
(2012) *Self-Injurious Behavior and Suicide Attempts among Indonesian College Students*
-



- 
- 16 Ramiro, L.S., Madrid, B.J., Brown, D.W.  
Adverse childhood experiences (ACE) and health-risk behaviors among adults in a developing country setting

(2010) *Child Abuse and Neglect*, 34 (11), pp. 842-855. Cited 143 times.  
doi: 10.1016/j.chiabu.2010.02.012

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---

- 17 Tran, Q.A., Dunne, M.P., Van, V.T.  
(2015) *Adverse Childhood Experiences and the Health of University Students in Eight Provinces of Vietnam*

- 
- 18 Arseneault, L., Bowes, L., Shakoor, S.  
Bullying victimization in youths and mental health problems: Much ado about nothing?

(2010) *Psychological Medicine*, 40 (5), pp. 717-729. Cited 534 times.  
doi: 10.1017/S0033291709991383

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- 19 Thomée, S., Härenstam, A., Hagberg, M.  
Mobile phone use and stress, sleep disturbances, and symptoms of depression among young adults - A prospective cohort study ([Open Access](#))

(2011) *BMC Public Health*, 11, art. no. 66. Cited 445 times.  
doi: 10.1186/1471-2458-11-66

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---

- 20 Lipson, S.K., Speer, N., Brunwasser, S., Hahn, E., Eisenberg, D.  
Gatekeeper training and access to mental health care at universities and colleges ([Open Access](#))

(2014) *Journal of Adolescent Health*, 55 (5), pp. 612-619. Cited 48 times.  
[www.elsevier.com/locate/jadohea](http://www.elsevier.com/locate/jadohea)  
doi: 10.1016/j.jadohealth.2014.05.009

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- 21 Reuben, A., Moffitt, T.E., Caspi, A., Belsky, D.W., Harrington, H., Schroeder, F., Hogan, S., (...), Danese, A.  
Lest we forget: comparing retrospective and prospective assessments of adverse childhood experiences in the prediction of adult health ([Open Access](#))

(2016) *Journal of Child Psychology and Psychiatry and Allied Disciplines*, 57 (10), pp. 1103-1112. Cited 220 times.  
<http://www3.interscience.wiley.com/journal/117960395/toc>  
doi: 10.1111/jcpp.12621

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✉ Salma, S.; Faculty of Psychology, Diponegoro University, Jl. Prof. Sudarto, SH, Tembalang, Semarang, Indonesia;  
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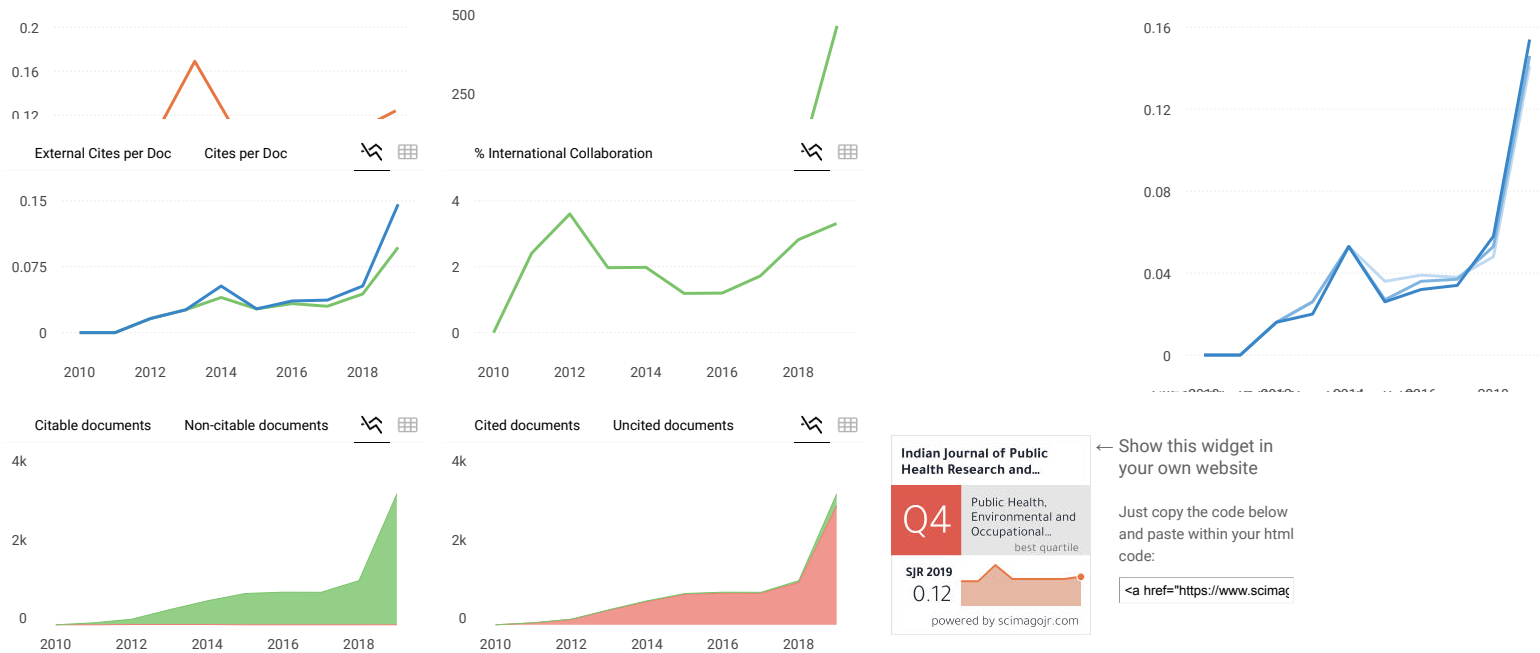
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# Post Marital Depression among Women

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## ABSTRACT

Marriage, for women in a patriarchal society is an enormous transitional process. Being the centre of attention in her house is not valued much after her marriage and that is what all women can relate to. She juggles with new responsibilities and expectations which is quite overwhelming for her. But with the feelings of worthlessness and feeling trapped and bound in loveless and thankless bond, sets in depression. Depression is a state of mind producing serious, long term lowering of enjoyment of life or inability to visualize a happy future. Therefore, this study aims to find out the level of depression among women in relation to various factors of life which can examine their experience of well-being in their marriage life so far. A self-prepared questionnaire was developed to assess the level of post marital depression among women, the samples were selected randomly from Coimbatore city and the total number of participants were 66 married women. Self-prepared questionnaire on post marital depression was constructed to assess their level of depression. Results revealed that young aged women experienced higher post marital depression due to new family life, high expectations from in law's and husbands and managing home and work and managing children. But the study did not observe any significant difference among working and non-working women's post marital depression.

**Keywords:** Married women, Post Marital Depression

## INTRODUCTION

Nations have perished, and people have lived without going to schools, churches, but rarely without marriage and family. In the complex and fast-moving world of today, where the unexpected has become a part of everyday life, it is a relief for everyone to realise that the family lives provides our needs and comfort as it has been providing for centuries. It is the place where we all get the satisfaction of basic human needs and rights. Hence, even with all the possible shortcomings, we prefer to be in close connection with our family members. And even those people whose home life has had more sadness than happiness often look forward to a happier marriage and family life for themselves and as well as for their children. <sup>[1]</sup>

Marriage is a known as a social system through which a man and a woman come closer to and start to live together and bond with each other. Intact and harmonious marital relationships are vital not only for the psychological health of the individual, but also for offspring and thus, for the society in the broader perspective. But unsatisfying and stressful marital relations leads to an increased emotional turbulences and marital disruption. <sup>[1]</sup>

Marriage is simply a promise which involves a lot of affection and obligations for maintaining and balancing peace, harmony, happiness and strong family bonds. The most vital relationship that a man and a woman could share is nothing but marriage. It comprises of emotional and most importantly a legal commitment. Moreover, to choose a partner and to enter into a committed contract is considered to be both matured milestone and also personal success. People get married for various reasons, such as; to love and receive love, to live in peace, to have a company, and the desire to have their own children." <sup>[2]</sup>

Marriage is a socially genuine union between the 2 sexes, that begins with a public announcement and with some ideas of permanence; it is assumed that rights and responsibilities between the spouses and children originates with a strong bond of marriage contract. Marriage is the key to adjust, involve and satisfy one and other in a positive way. Marriage is our most common routine in one's lifetime. <sup>[3]</sup>

Women with nearly over half of the population around the globe, especially in developing countries like India, should pay attention to their mental health and join mental health programs. Women's significant

# Effects of Empowerment and Work Environment on Job Satisfaction of Nurse-midwives working in Hospitals

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## ABSTRACT

**Purpose:** The purpose of this study was to provide basic data needed to develop programs to improve job satisfaction for nurse-midwives by analyzing factors affecting job satisfaction.

**Method:** The study was a descriptive study where the data were collected using questionnaires from 136 nurse-midwives and analyzed by frequency, percentage, mean, standard deviation, t-test, ANOVA, Pearson's correlational coefficients and stepwise multiple regression.

**Results:** Job satisfaction according to general characteristics and job characteristics of nurse-midwives showed a significant difference according to age, hospital type, career of nurse, monthly income, and reason for going to the current hospital. Job satisfaction of nurse-midwives was positively correlated with empowerment ( $r=.59$ ,  $p<.001$ ) and work environment ( $r=.60$ ,  $p<.001$ ). The factors affecting job satisfaction of nurse-midwives were work environment ( $\beta=.54$ ,  $p<.001$ ) and empowerment ( $\beta=.41$ ,  $p<.001$ ), and the total explanatory power was 59.4%.

**Conclusion:** As the factors affecting job satisfaction of nurse-midwives have been identified as work environment and empowerment, hospital leaders should support the nurse-midwives that are registered according to medical law to create a work environment suitable for job performance and fulfill their duties faithfully.

**Keywords:** Nurse-midwives, Empowerment, Work environment, Job satisfaction, Hospital

## INTRODUCTION

In Korea, according to the Article 6 of the Medical Law, after having passed a national examination through training such as education and practice at a medical institution for prenatal care for one year with the license of a nurse, the nurse-midwives are licensed. According to Article 2 of the Medical Law, nurse-midwife's duty is to provide health and well-being guidance for preterm delivery, pregnancy, marital division, postpartum and newborn infants.<sup>1</sup> Therefore it can be said that nurse-

midwife is experts who can cooperate with other medical professionals and perform health care of pregnant women and babies efficiently and competently at all places.

On the other hand, today, pregnant women tend to want to have babies in hospitals rather than maternity centers, and with the sudden drop in birth rates due to low birthrates, and most nurse-midwives want to work as nurse-midwives or nurses in maternity wards, newborn units, etc. It is therefore necessary to analyze how satisfied nurse-midwives are in performing their jobs in the hospital.

Job satisfaction refers to how satisfied an individual is with a job<sup>2</sup> and this is not only an important indicator in predicting organizational performance.<sup>3</sup> In particular, it was reported that higher job compensation, which is directly related to job performance, is associated with higher job satisfaction.<sup>4</sup> In a previous study of hospital

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# An Exploratory Study of Personality Traits and Psychological Coping Skills on Archery Performance

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## ABSTRACT

It is essential for coaches to understand the uniqueness of psychological elements and personality traits factors amongst athletes' in order to optimise transmission of messages for efficient performance. The present study intends to explore the personality traits and psychological coping skills with their association to archery performance. A total of 32 archers drawn from different archery programmes participated in the study. The revised version of Eysenck personality, as well as psychological coping skills inventory, were used to determine the extroversion, neuroticism traits and psychological coping skills of the archers prior to their archery shooting tests. Discriminants analysis discriminate three variables from the eight with an acceptable Canonical correlation of 0.70 and excellent accuracy of 77.42%, 80.65%, and 83.87% respectively. Moreover, a follow up test from independent t-test reveals no statistically significant difference between the personality traits and archers' ability of coping with adversity, coachability, concentration, confidence & achievement motivation, goal setting and mental preparation, peaking under pressure, freedom from worry, as well as their archery shooting scores  $p > 0.05$ . The findings from the present study indicated that both personality traits of extroversion and neuroticism possessed considerable psychological coping skills, therefore both could be suitable for performing sport of archery.

**Keywords:** Personality traits, Psychological coping skills, Archery performance.

## INTRODUCTION

Personality is understood to be related to the specific traits a person displays. A trait is a characteristic, which can be associated with a person, for instance 'confidence, fear and laziness'. Thus, the combination of these traits results in personality<sup>1</sup>. Similar to any construct in psychology there are many theories of personality. The most commonly used theories are; the Five Factor Model

of Personality (FFM), Eysenck Personality inventory (EPQR-Short)<sup>2-5</sup>. Different traits could interact, which highlighted that no individual trait is independent of another and it is the interaction of the said traits that result in the person's personality<sup>4,6</sup>.

Preceding researchers documented that personality types could play a role in sporting performance<sup>7</sup>. Evidence has also indicated that non-athletes usually tend to be more introverted while athletes seem to be more extroverted who also display lower levels of depression, fatigue, confusion and anger<sup>8</sup>. Although, it was reported that there is no direct relationship between personality types and being successful in sporting performance<sup>9</sup>. An investigation of the effect of psychoticism personality trait on shooting accuracy in rifle shooter presented some variations<sup>10-11</sup>. Other researchers examined the influence of personality and anxiety with a number of requests when learning to putt in golf<sup>12</sup>.

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# Is the *Maternal and Child Health Handbook* a Source of Information for Maternal and Child Health Continuum of Care?

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## ABSTRACT

To ensure continuum care for maternal, newborn, and child health (MNCH), home-based records (HBRs) are expected to promote communication between healthcare providers, pregnant women and children's caregivers. WHO guidelines (2018) recommend HBRs use for MNCH, and request their effective implementation. However, information on HBRs global implementation is inadequate. This study aimed to identify implementation regarding Maternal and Child Health (MCH) handbook, an integrated HBR for ensuring continuum care. This study included literature review to explore components of MCH handbook usage, to identify researchers' acknowledgment of the handbook as a feasible source of information, and to examine existing national/subnational level implementation information. Components of the handbook usage in this study focuses on *distribute*, *explain*, and *record/multi-record* by health personnel, and *receive*, *retain*, *bring/multi-bring*, and *read* by women/mothers. While existing nationally representative data of many countries allows us to measure *distribution/receipt* and *retention* of HBRs regarding child immunization, some countries have used MCH handbook in surveys to obtain more information (e.g., antenatal/birth records) for their health policies. The researches that have used the handbook for information on different stages of MNCH may have indicated its implementation maturity in their countries.

**Keywords:** *continuum of care; maternal, newborn, and child health; home-based record; Maternal and Child Health Handbook; Indonesia*

## INTRODUCTION

A continuum care must be implemented for every woman and child, especially for the first 1000 days after conception, the most important period for their well-being.<sup>1,2</sup> To ensure that maternal, newborn, and child health-care is provided continuously, platforms for connecting caregiving sites, including households, communities, and clinical-care settings to the life-course (pregnancy, childbirth, postnatal, childhood, and adolescent period) are necessary. Home-based records (HBRs) offer mobility, accompanying subjects from their homes to different levels of health facilities.<sup>3,4</sup> HBRs are potential tools for sharing information with relevant health

personnel and caregivers, and tracking individuals' health trajectories,<sup>3</sup> as long as they are used conscientiously.<sup>4,5</sup>

According to World Health Organization (WHO), "A home-based record is a record of an individual's health status and their history of health services received (primarily maternal, newborn, and child health: MNCH). The record is kept in the household by the client or by the caregiver. For MNCH, HBRs can take different forms, such as antenatal care records, immunization cards, child health booklets, or an integrated maternal and child health (MCH) handbook. Besides being important for data collection and surveillance tools, HBRs can facilitate behavioral change, communication, and patient-centered care."<sup>3</sup> WHO recommends the use of HBRs along with facility-based records for the care of pregnant women, mothers, newborns, and children, to improve: care-seeking behaviors; male involvement and support in the household; maternal and child home care practices; infant and child feeding, and communication between health personnel and women/caregivers.<sup>3</sup>

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