

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

Judul Jurnal Ilmiah (Artikel) : *Forgiveness Meditation as an Effort in Improving Mental Health among College Students*

Penulis Jurnal Ilmiah : **Amalia Rahmandani**, Yohanis Franz La Kahija, Salma

Jumlah Penulis : 3 orang

Status Pengusul : Penulis utama (pertama, korespondensi)

Identitas Jurnal Ilmiah :

- a. Nama Jurnal : *Indian Journal of Public Health Research & Development*
- b. Nomor ISSN : 0976-0245 (Print), 0976-5506 (Online)
- c. Vol, No., Bln Thn : Vol. 10, No. 3, 2019
- d. Penerbit : *Institute of Medico-Legal Publications*
- e. DOI artikel (jika ada) : 10.5958/0976-5506.2019.00599.0
- 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/7448/6930
- g. Terindeks : Scopus (coverage discontinued)

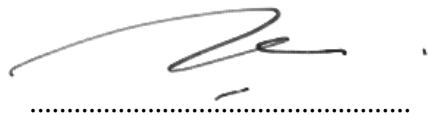
Kategori Publikasi Jurnal Ilmiah : ☒ Jurnal Ilmiah Internasional Bereputasi
 (beri ✓ pada kategori yang tepat) ☐ Jurnal Ilmiah Internasional
☐ Jurnal Ilmiah Nasional Terakreditasi

Hasil Penilaian *Peer Review* :

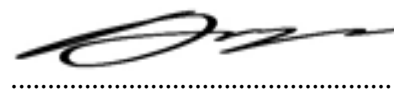
Komponen yang Dinilai	Nilai		Nilai rata-rata
	Reviewer 1	Reviewer 2	
a. Kelengkapan Unsur Isi Artikel (10%)	2	3	2,5
b. Ruang Lingkup dan Kedalaman Pembahasan (30%)	7,5	9	8,25
c. Kecukupan dan Kemutakhiran Data/Informasi dan Metodologi (30%)	7,5	9	8,25
d. Kelengkapan Unsur dan Kualitas Penerbit (30%)	8	9	8,5
TOTAL = (100%)	25	30	27,5

Semarang, 21 April 2021

Peer Review I Prof. Dian Ratna Sawitri, S.Psi., M.Si., Ph.D.
 NIP. 197809012002122001



Peer Review II Anggun Resdasari P, S.Psi., M.Psi.
 NIP. 198305252009122006



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

Judul Jurnal Ilmiah (Artikel) : *Forgiveness Meditation as an Effort in Improving Mental Health among College Students*

Penulis Jurnal Ilmiah : Amalia Rahmandani, Yohanis Franz La Kahija, Salma

Jumlah Penulis : 3 orang

Status Pengusul : Penulis utama (pertama, korespondensi)

Identitas Jurnal Ilmiah : a. Nama Jurnal : *Indian Journal of Public Health Research & Development*
b. Nomor ISSN : 0976-0245 (Print), 0976-5506 (Online)
c. Vol, No., Bln Thn : Vol. 10, No. 3, 2019
d. Penerbit : *Institute of Medico-Legal Publications*
e. DOI artikel (jika ada) : 10.5958/0976-5506.2019.00599.0
f. Alamat web jurnal : <http://medicopublication.com/index.php/ijphrd/issue/view/35>
Alamat artikel : <http://medicopublication.com/index.php/ijphrd/article/view/7448/6930>
g. Terindeks : Scopus (coverage discontinued)

Kategori Publikasi Jurnal Ilmiah : ☒ Jurnal Ilmiah Internasional Bereputasi
(beri ✓ pada kategori yang tepat) ☐ Jurnal Ilmiah Internasional
☐ Jurnal Ilmiah Nasional Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional Bereputasi	Internasional	Nasional Terakreditasi	
	30			
a. Kelengkapan unsur isi artikel (10%)	3			2
b. Ruang lingkup dan kedalaman pembahasan (30%)	9			7,5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9			7,5
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	9			8
Total = (100%)	30			25
Nilai Pengusul= (60% x 25) = 15				

Catatan Penilaian Artikel oleh Reviewer:

1. Tentang kelengkapan dan kesesuaian unsur:

Unsur -unsur artikel ini memuat title, abstract, introduction, method, results and discussions, conclusions, acknowledgements, dan references. Unsur tersebut sesuai dengan unsur artikel jurnal internasional bereputasi. Meskipun demikian, abstrak yang disajikan terlalu panjang karena memuat lebih dari 250 kata.

2. Tentang ruang lingkup dan kedalaman pembahasan:

Artikel ini memuat tentang meditasi pemaafan sebagai suatu upaya dalam mengembangkan kesehatan mental mahasiswa. Penelitian yang dilakukan menggunakan quasi-experimental design untuk menguji efektivitas intervensi yang dilakukan. Meskipun demikian, pembahasan tidak mengulas intervensi terkait dan komparasi hasil penelitian ini dengan penelitian sebelumnya secara mendalam.

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

Artikel ini tergolong memiliki kemutakhiran informasi yang baik dilihat dari 52 referensi yang digunakan dan 75% nya merupakan terbitan 10 tahun terakhir. Metodologi dalam artikel ini cukup mutakhir dengan memuat desain penelitian, partisipan, pengukuran dan analisis data yang digunakan. Meskipun demikian, contoh item belum disajikan, dan banyaknya literatur yang digunakan belum bisa membuat pembahasan yang mendalam untuk artikel ini.

4. **Kelengkapan unsur kualitas penerbit:**

Artikel dipublikasikan di jurnal internasional bereputasi terindeks Scopus dengan status coverage discontinued namun memiliki SJR 0,124 Jurnal ini diterbitkan oleh *Institute of Medico-Legal Publications* dengan kualitas cukup memadai dan memiliki ISSN.

5. **Indikasi plagiasi:**

Orisinalitas artikel cukup tinggi ditunjukkan dengan similarity indeks sebesar 9% yang menunjukkan tidak adanya indikasi plagiasi dalam artikel ini, sehingga dapat disimpulkan bahwa artikel ini cukup orisinal.

6. **Kesesuaian bidang ilmu:**

Artikel ini membahas tentang forgiveness meditation yang sejalan dengan bidang ilmu pengusul yaitu psikologi, khususnya psikologi klinis.

Semarang, 16 April 2021
Reviewer 1,



Prof. Dian Ratna Sawitri, S.Psi., M.Si., Ph.D.
NIP. 197809012002122001
Jabatan (Gol): Guru Besar (IVa)
Unit kerja: Fakultas Psikologi UNDIP
Bidang ilmu: Psikologi

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

Judul Jurnal Ilmiah (Artikel) : *Forgiveness Meditation as an Effort in Improving Mental Health among College Students*

Penulis Jurnal Ilmiah : Amalia Rahmandani, Yohanis Franz La Kahija, Salma

Jumlah Penulis : 3 orang

Status Pengusul : Penulis utama (pertama, korespondensi)

Identitas Jurnal Ilmiah : a. Nama Jurnal : *Indian Journal of Public Health Research & Development*
b. Nomor ISSN : 0976-0245 (Print), 0976-5506 (Online)
c. Vol, No., Bln Thn : Vol. 10, No. 3, 2019
d. Penerbit : *Institute of Medico-Legal Publications*
e. DOI artikel (jika ada) : 10.5958/0976-5506.2019.00599.0
f. Alamat web jurnal : http://medicopublication.com/index.php/ijp_hrd/issue/view/35
g. Terindeks : Scopus (coverage discontinued)

Kategori Publikasi Jurnal Ilmiah : ☒ Jurnal Ilmiah Internasional Bereputasi
(beri ✓ pada kategori yang tepat) ☐ Jurnal Ilmiah Internasional
☐ Jurnal Ilmiah Nasional Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional Bereputasi	Internasional	Nasional Terakreditasi	
	30			
a. Kelengkapan unsur isi artikel (10%)	3			3
b. Ruang lingkup dan kedalaman pembahasan (30%)	9			9
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9			9
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	9			9
Total = (100%)	30			30
Nilai Pengusul= (60%$\times$30)= 18				

Catatan Penilaian Artikel oleh Reviewer:

1. Tentang kelengkapan dan kesesuaian unsur:

Artikel ini sudah memiliki kelengkapan dan kesesuaian dengan panduan jurnal yang berlaku tersebut. Panduan yang ada di jurnal ini sudah sesuai juga dengan aturan penulisan artikel ilmiah. Sehingga bisa dinilai bahwa artikel ini sudah memenuhi unsur dan kelengkapan sesuai panduan PAK (10 persen).

2. Tentang ruang lingkup dan kedalaman pembahasan:

Artikel ini sudah sesuai dengan ruang lingkup penelitian dan juga telah membahas secara mendalam tentang penggunaan meditasi *forgiveness* untuk meningkatkan kesehatan mental di mahasiswa. berdasarkan pembahasan, dapat diketahui bahwa hasil penelitian ini menunjukkan signifikansi penurunan tekanan psikologis setelah pengobatan meditasi *forgiveness*, yang menunjukkan peningkatan kesehatan mental. Sehingga hasil ini bisa digunakan sebagai salah satu metode untuk meningkatkan kapasitas psikologis pada mahasiswa.

3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

Artikel ini sudah didukung oleh referensi dan alur atau tahap penelitian yang jelas. Mengenai dukungan referensi, artikel ini sudah didukung oleh data referensi yang bagus dan mendukung isi artikel secara keseluruhan. Artikel ini bisa terlihat daftar pustaka yang digunakan adalah 10 tahun terakhir dari artikel tersebut terbit, yaitu dengan jumlah sekitar dari 80 persen dari daftar pustaka menggunakan sumber sitasi pada rentang tahun 10 terakhir. Metodologi yang digunakan dalam penelitian ini yaitu menggunakan one group pretest and posttest desain kuasi-eksperimental. Pengukuran tindak lanjut juga dilakukan untuk melihat pengaruh intervensi sampai dua minggu setelah akhir intervensi. Pemilihan partisipan dalam penelitian ini adalah dilakukan dengan menggunakan teknik purposive sampling dengan mempertimbangkan beberapa karakteristik dan pengukuran hasil awal.

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 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:

Hasil similarity dengan Turnitin dengan skor dibawah 15 persen menunjukkan bahwa artikel ini tidak ada unsur plagiasi. Sehingga bisa dikatakan memiliki kualitas artikel yang baik.

6. Kesesuaian bidang ilmu:

Artikel ini sudah sesuai dengan kajian psikologi klinis. Berdasarkan artikel ini, dapat diketahui bahwa mahasiswa yang beranjak dewasa mungkin mengalami masalah kesehatan mental dan fisik karena penyesuaian maladaptif. Baik masalah kesehatan mental maupun fisik saling memperkuat penyebab itu kerusakan yang ditandai dalam fungsi kehidupan sehari-hari. Upaya untuk mengatasi masalah kesehatan mental sangat diharapkan untuk meningkatkan kesehatan umum

Semarang, 31 Desember 2020

Reviewer 2



Anggun Resdasari P, S.Psi., M.Psi, Psikolog

NIP. 198305252009122006

Jabatan (Gol): Lektor (IIIc)

Unit kerja: Fakultas Psikologi UNDIP

Bidang ilmu: Psikologi



Document details

< Back to results | 1 of 1

Export Download Print E-mail Save to PDF Add to List More... >

View at Publisher

Indian Journal of Public Health Research and Development
Volume 10, Issue 3, March 2019, Pages 795-803

Forgiveness meditation as an effort in improving mental health among college students (Article)

Rahmandani, A. ✉, Kahija, Y.F.L., Salma 👤

Faculty of Psychology, Diponegoro University, Semarang, Indonesia

Abstract

View references (52)

College students as emerging adulthood may experience both mental and physical health problems due to maladaptive adjustments. Both mental and physical health problems are mutually reinforcing that cause marked impairment in everyday life functioning. Efforts to deal with mental health problem are expected to promote general health. Either forgiveness or meditation is separately proven effective in improving mental and physical health, but the efficacy of forgiveness meditation has not been adequately researched. This study aims to examine the effect of forgiveness meditation toward mental health improvement among college students, as indicated by the declined of distress. This study used one-group pretest-and-posttest quasi-experimental design with follow-up measurements two weeks after treatment ended. Measurements were conducted using the short version of General Health Questionnaire (GHQ-12). Samples were obtained using purposive sampling techniques, as many as 9 college students from The Faculty of Public Health, Diponegoro University, Semarang, Indonesia. The analysis using statistical test of Wilcoxon T-test between pre-test and post-test, and pre-test and follow-up, showed significant decrease (respectively were $Z=-2.670$, $p=.008$; $Z=-2.675$, $p=.007$), while between post-test and follow-up did not ($Z=-.256$, $p=.798$). The result showed a significant decrease in distress after treatment ended. This result remained significant up to follow-up measurements, though the difference between post-test and follow-up was not significant. Forgiveness meditation may have sustainable and increasing effect if it is regularly practiced. A sustained decrease in distress, which indicates the improvement of mental health, is further expected to support the improvement of physical health, adaptive adjustment, and optimal functioning. © 2019, Indian Journal of Public Health Research and Development. All rights reserved.

SciVal Topic Prominence ⓘ

Topic: Forgiveness | Apology | Retaliation

Prominence percentile: 93.694 ⓘ

Author keywords

Distress Emerging adulthood Forgiveness meditation Mental health

Indexed keywords

EMTREE medical terms:

adult anxiety Article brain function clinical psychology college student depression
distress syndrome emotion female follow up forgiveness General Health Questionnaire
human maladjustment male meditation mental health morbidity
pretest posttest design social disability social support working memory

Funding details

Funding text

Source of Funding: This research was funded by the

Metrics ⓘ View all metrics >



PlumX Metrics
Usage, Captures, Mentions,
Social Media and Citations
beyond Scopus.

Cited by 0 documents

Inform me when this document is cited in Scopus:

Set citation alert >

Related documents

Psychological Consequences of Parental Migration for Left-Behind Children

Zheng, Y.
(2016) *Positive Mental Health, Fighting Stigma and Promoting Resiliency for Children and Adolescents*

Effects of separation age and separation duration among left-behind children in China

Ling, H. , Fu, E. , Zhang, J.-R.
(2015) *Social Behavior and Personality*

Long-term impacts of parental migration on Chinese children's psychosocial well-being: mitigating and exacerbating factors

Zhao, C. , Wang, F. , Li, L.
(2017) *Social Psychiatry and Psychiatric Epidemiology*

View all related documents based on references

Find more related documents in Scopus based on:

Authors > Keywords >

References (52)

[View in search results format >](#)

☐ All [Export](#)  [Print](#)  [E-mail](#)  [Save to PDF](#) [Create bibliography](#)

- ☐ 1 Santrock, J.W.
Adolescent, 15th ed. NY
(2014) *Mcgraw-Hill Education*

- ☐ 2 Sternberg, R.J.
Multiple intelligences in the new age of thinking

(2015) *Handbook of Intelligence: Evolutionary Theory, Historical Perspective, and Current Concepts*, pp. 229-241. Cited 12 times.
<http://dx.doi.org.proxy.undip.ac.id:2048/10.1007/978-1-4939-1562-0>
ISBN: 978-149391562-0; 978-149391561-3
doi: 10.1007/978-1-4939-1562-0_16

[View at Publisher](#)

- ☐ 3 Boyes, M.E., Hasking, P.A., Martin, G.
Adverse Life Experience and Psychological Distress in Adolescence: Moderating and Mediating Effects of Emotion Regulation and Rumination

(2016) *Stress and Health*, 32 (4), pp. 402-410. Cited 24 times.
<http://www.interscience.wiley.com/jpages/1532-3005>
doi: 10.1002/smi.2635

[View at Publisher](#)

- ☐ 4 Calkins, S.D.
Regulatory competence and early disruptive behavior problems: The role of physiological regulation

(2009) *Biopsychosocial Regulatory Processes in the Development of Childhood Behavioral Problems*, pp. 86-115. Cited 33 times.
<http://dx.doi.org.proxy.undip.ac.id:2048/10.1017/CBO9780511575877>
ISBN: 978-051157587-7; 978-052184813-8
doi: 10.1017/CBO9780511575877.006

[View at Publisher](#)

- ☐ 5 Thompson, R.A.
Socialization of Emotion and Emotion Regulation in the Family
(2014) *Handbook of Emotion Regulation*, pp. 173-186. Cited 306 times.
Gross J. (Ed.), 2nd ed. New York: Guilford

- ☐ 6 Salma, Rahmandani, A., Kahija, Y.F.L.
Psychological distress among university student: An exploratory study

(2017) *Advanced Science Letters*, 23 (4), pp. 3471-3473.
<http://www.ingentaconnect.com/contentone/asp/asl/2017/00000023/00000004/art00209>
doi: 10.1166/asl.2017.9136

[View at Publisher](#)

-
- ☐ 7 Kaloeti, D.V.S., Rahmandani, A., Sakti, H., Salma, S., Suparno, S., Hanafi, S.
Effect of childhood adversity experiences, psychological distress, and resilience on depressive symptoms among Indonesian university students ([Open Access](#))
(2019) *International Journal of Adolescence and Youth*, 24 (2), pp. 177-184. Cited 9 times.
<http://www.tandfonline.com/toc/rady20/current#.Ubhh8Ofim7w>
doi: 10.1080/02673843.2018.1485584
[View at Publisher](#)
-
- ☐ 8 Brooks Holliday, S., Pedersen, E.R., Leventhal, A.M.
Depression, posttraumatic stress, and alcohol misuse in young adult veterans: The transdiagnostic role of distress tolerance ([Open Access](#))
(2016) *Drug and Alcohol Dependence*, 161, pp. 348-355. Cited 27 times.
www.elsevier.com/locate/drugalcdep
doi: 10.1016/j.drugalcdep.2016.02.030
[View at Publisher](#)
-
- ☐ 9 Costello, E.J., Copeland, W., Angold, A.
Trends in psychopathology across the adolescent years: What changes when children become adolescents, and when adolescents become adults? ([Open Access](#))
(2011) *Journal of Child Psychology and Psychiatry and Allied Disciplines*, 52 (10), pp. 1015-1025. Cited 368 times.
doi: 10.1111/j.1469-7610.2011.02446.x
[View at Publisher](#)
-
- ☐ 10 Zhao, X., Chen, J., Chen, M.-C., Lv, X.-L., Jiang, Y.-H., Sun, Y.-H.
Left-behind children in rural China experience higher levels of anxiety and poorer living conditions
(2014) *Acta Paediatrica, International Journal of Paediatrics*, 103 (6), pp. 665-670. Cited 75 times.
[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1651-2227/issues](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1651-2227/issues)
doi: 10.1111/apa.12602
[View at Publisher](#)
-
- ☐ 11 Jia, Z., Tian, W.
Loneliness of left-behind children: A cross-sectional survey in a sample of rural China
(2010) *Child: Care, Health and Development*, 36 (6), pp. 812-817. Cited 107 times.
doi: 10.1111/j.1365-2214.2010.01110.x
[View at Publisher](#)
-
- ☐ 12 Liu, X., Zhang, Y., Song, A., Liang, Y., Zhai, J., Li, Y.
Meta analysis on mental health of left behind children
(2013) *Chinese J Child Heal Care*, 21 (1), pp. 68-70. Cited 8 times.
-
- ☐ 13 Fan, F., Su, L., Gill, M.K., Birmaher, B.
Emotional and behavioral problems of Chinese left-behind children: A preliminary study
(2010) *Social Psychiatry and Psychiatric Epidemiology*, 45 (6), pp. 655-664. Cited 153 times.
doi: 10.1007/s00127-009-0107-4
[View at Publisher](#)
-
- ☐ 14 Hardt, J., Herke, M., Schier, K.
Suicidal ideation, parent-child relationships, and adverse childhood experiences: A cross-validation study using a Graphical Markov Model
(2011) *Child Psychiatry and Human Development*, 42 (2), pp. 119-133. Cited 13 times.
doi: 10.1007/s10578-010-0203-4
[View at Publisher](#)
-

-
- ☐ 15 Gao, Y., Li, L.P., Kim, J.H., Congdon, N., Lau, J., Griffiths, S.
The impact of parental migration on health status and health behaviours among left behind adolescent school children in China ([Open Access](#))
(2010) *BMC Public Health*, 10, art. no. 56. Cited 178 times.
doi: 10.1186/1471-2458-10-56
[View at Publisher](#)
-
- ☐ 16 The impacts of migration on children in Moldova
(2008) *The impacts of migration on children in Moldova*. Cited 14 times.
Salah MA. (ed.)
-
- ☐ 17 Lund, H.G., Reider, B.D., Whiting, A.B., Prichard, J.R.
Sleep Patterns and Predictors of Disturbed Sleep in a Large Population of College Students
(2010) *Journal of Adolescent Health*, 46 (2), pp. 124-132. Cited 711 times.
doi: 10.1016/j.jadohealth.2009.06.016
[View at Publisher](#)
-
- ☐ 18 Leske, S., Strodl, E., Harper, C., Clemens, S., Hou, X.-Y.
Psychological distress may affect nutrition indicators in Australian adults
(2015) *Appetite*, 90, pp. 144-153. Cited 6 times.
<http://www.elsevier.com.proxy.undip.ac.id:2048/inca/publications/store/6/2/2/7/8/5/index.htm>
doi: 10.1016/j.appet.2015.02.003
[View at Publisher](#)
-
- ☐ 19 Hamer, M., Molloy, G.J., Stamatakis, E.
Psychological Distress as a Risk Factor for Cardiovascular Events. Pathophysiological and Behavioral Mechanisms
(2008) *Journal of the American College of Cardiology*, 52 (25), pp. 2156-2162. Cited 190 times.
doi: 10.1016/j.jacc.2008.08.057
[View at Publisher](#)
-
- ☐ 20 Bortolato, B., Carvalho, A.F., McIntyre, R.S.
Cognitive dysfunction in major depressive disorder: A state-of-the-art clinical review
(2014) *CNS and Neurological Disorders - Drug Targets*, 13 (10), pp. 1804-1818. Cited 103 times.
www.eurekaselect.com/646/journal/cns-amp-neurological-disorders-drug-targets
doi: 10.2174/1871527313666141130203823
[View at Publisher](#)
-
- ☐ 21 Evans, V.C., Iverson, G.L., Yatham, L.N., Lam, R.W.
The relationship between neurocognitive and psychosocial functioning in major depressive disorder: A systematic review ([Open Access](#))
(2014) *Journal of Clinical Psychiatry*, 75 (12), pp. 1359-1370. Cited 107 times.
http://www.psychiatrist.com/JCP/article/_layouts/ppp.psych.controls/BinaryViewer.ashx?Article=jcp/article/Pages/2014/v75n12/v75n1203.aspx&Type=Article
doi: 10.4088/JCP.13r08939
[View at Publisher](#)
-
- ☐ 22 McIntyre, R.S., Lee, Y.
Cognition in major depressive disorder: A 'Systemically Important Functional Index' (SIFI)
(2016) *Current Opinion in Psychiatry*, 29 (1), pp. 48-55. Cited 45 times.
<http://journals.lww.com/co-psychiatry/pages/default.aspx>
doi: 10.1097/YCO.0000000000000221
[View at Publisher](#)
-

-
- ☐ 23 Smith, J.C.
Relaxation, Meditation, & Mindfulness. A Mental Health Practitioner's Guide to New and Traditional Approaches (2005) *New York: Springer Publishing Company, Inc.*. Cited 2 times.
-
- ☐ 24 Kristeller, J.L.
Meditation and Stress

(2007) *Encyclopedia of Stress*, pp. 678-685. Cited 3 times.
<http://sciencedirect.proxy.undip.ac.id:2048/science/referenceworks/9780123739476>
ISBN: 978-012373947-6
doi: 10.1016/B978-012373947-6.00552-3

[View at Publisher](#)
-
- ☐ 25 Thompson, L.Y., Snyder, C.R., Hoffman, L., Michael, S.T., Rasmussen, H.N., Billings, L.S., Heinze, L., (...), Roberts, D.E.
Dispositional forgiveness of self, others, and situations

(2005) *Journal of Personality*, 73 (2), pp. 313-360. Cited 419 times.
[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1467-6494](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1467-6494)
doi: 10.1111/j.1467-6494.2005.00311.x

[View at Publisher](#)
-
- ☐ 26 Enright, R.D., Freedman, S., Rique, J.
The psychology of interpersonal forgiveness
(1998) *Enright RD, North J*, pp. 46-62. Cited 263 times.
Exploring Forgiveness. Madison: University of Wisconsin Press
-
- ☐ 27 Travis, F., Valosek, L., Konrad, A., Link, J., Salerno, J., Scheller, R., Nidich, S.
Effect of meditation on psychological distress and brain functioning: A randomized controlled study

(2018) *Brain and Cognition*, 125, pp. 100-105. Cited 9 times.
<http://www.elsevier.com.proxy.undip.ac.id:2048/inca/publications/store/6/2/2/7/9/8/index.htm>
doi: 10.1016/j.bandc.2018.03.011

[View at Publisher](#)
-
- ☐ 28 Oman, D., Shapiro, S.L., Thoresen, C.E., Plante, T.G., Flinders, T.
Meditation lowers stress and supports forgiveness among college students: A randomized controlled trial

(2008) *Journal of American College Health*, 56 (5), pp. 569-578. Cited 166 times.
doi: 10.3200/JACH.56.5.569-578

[View at Publisher](#)
-
- ☐ 29 Carson, J.W., Keefe, F.J., Goli, V., Fras, A.M., Lynch, T.R., Thorp, S.R., Buechler, J.L.
Forgiveness and chronic low back pain: A preliminary study examining the relationship of forgiveness to pain, anger, and psychological distress

(2005) *Journal of Pain*, 6 (2), pp. 84-91. Cited 67 times.
doi: 10.1016/j.jpain.2004.10.012

[View at Publisher](#)
-
- ☐ 30 Kornfield, J.A.
(1993) *Path with Heart: A Guide through the Perils and Promises of Spiritual Life*. Cited 108 times.
New York: Bantam Books
-
- ☐ 31 Taking Charge of Your Health & Wellbeing
(2013) *Forgiveness Meditation. Takingcharge.Csh.Umn.Edu*.
-

-
- ☐ 32 Hofmann, S.G., Grossman, P., Hinton, D.E.
Loving-kindness and compassion meditation: Potential for psychological interventions
([Open Access](#))

(2011) *Clinical Psychology Review*, 31 (7), pp. 1126-1132. Cited 394 times.
www.elsevier.com/locate/clinpsychrev
doi: 10.1016/j.cpr.2011.07.003

[View at Publisher](#)
-
- ☐ 33 Goldberg, D., Williams, P.
A user's guide to the General Health Questionnaire. UK
(1988) *Nfer-Nelson*. Cited 69 times.
-
- ☐ 34 Lesage, F., Martens-Resende, S., Deschamps, F., Berjot, S.
Validation of the General Health Questionnaire (GHQ-12) adapted to a work-related context
(2011) *OJPM*, 1 (2), pp. 44-48. Cited 24 times.
-
- ☐ 35 Verger, P., Combes, J.-B., Kovess-Masfety, V., Choquet, M., Guagliardo, V., Rouillon, F., Peretti-Wattel, P.
Psychological distress in first year university students: Socioeconomic and academic stressors, mastery and social support in young men and women

(2009) *Social Psychiatry and Psychiatric Epidemiology*, 44 (8), pp. 643-650. Cited 93 times.
doi: 10.1007/s00127-008-0486-y

[View at Publisher](#)
-
- ☐ 36 Pearte, C.
Temperament, emotion regulation, and distress tolerance as related correlates of psychological symptoms
(2015) *Electronic Theses and Dissertations*
<http://stars.library.ucf.edu/etd/1166>
-
- ☐ 37 Resurrección, D.M., Salguero, J.M., Ruiz-Aranda, D.
Emotional intelligence and psychological maladjustment in adolescence: A systematic review

(2014) *Journal of Adolescence*, 37 (4), pp. 461-472. Cited 60 times.
<http://www.elsevier.com.proxy.undip.ac.id:2048/inca/publications/store/6/2/2/8/4/9/index.htm>
doi: 10.1016/j.adolescence.2014.03.012

[View at Publisher](#)
-
- ☐ 38 Campbell, J., Ehler, U.
Acute psychosocial stress: Does the emotional stress response correspond with physiological responses?

(2012) *Psychoneuroendocrinology*, 37 (8), pp. 1111-1134. Cited 265 times.
doi: 10.1016/j.psychneuen.2011.12.010

[View at Publisher](#)
-
- ☐ 39 Kassam, K.S., Koslov, K., Mendes, W.B.
Decisions under distress: Stress profiles influence anchoring and adjustment ([Open Access](#))

(2009) *Psychological Science*, 20 (11), pp. 1394-1399. Cited 103 times.
doi: 10.1111/j.1467-9280.2009.02455.x

[View at Publisher](#)
-

-
- ☐ 40 Galla, B.M.
"Safe in My Own Mind:" Supporting Healthy Adolescent Development Through Meditation Retreats

(2017) *Journal of Applied Developmental Psychology*, 53, pp. 96-107. Cited 5 times.
<http://www.elsevier.com.proxy.undip.ac.id:2048/locate/jappdp>
doi: 10.1016/j.appdev.2017.09.006

[View at Publisher](#)
-
- ☐ 41 Travis, F., Haaga, D.A.F., Hagelin, J., Tanner, M., Nidich, S., Gaylord-King, C., Grosswald, S., (...), Schneider, R.H.
Effects of Transcendental Meditation practice on brain functioning and stress reactivity in college students

(2009) *International Journal of Psychophysiology*, 71 (2), pp. 170-176. Cited 79 times.
doi: 10.1016/j.ijpsycho.2008.09.007

[View at Publisher](#)
-
- ☐ 42 Nidich, S.I., Rainforth, M.V., Haaga, D.A.F., Hagelin, J., Salerno, J.W., Travis, F., Tanner, M., (...), Schneider, R.H.
A randomized controlled trial on effects of the transcendental meditation program on blood pressure, psychological distress, and coping in young adults ([Open Access](#))

(2009) *American Journal of Hypertension*, 22 (12), pp. 1326-1331. Cited 90 times.
doi: 10.1038/ajh.2009.184

[View at Publisher](#)
-
- ☐ 43 Hook, J.N., Worthington, E.L., Utsey, S.O., Davis, D.E., Gartner, A.L., Jennings, D.J., Van Tongeren, D.R., (...), Dueck, A.
Does forgiveness require interpersonal interactions? Individual differences in conceptualization of forgiveness

(2012) *Personality and Individual Differences*, 53 (5), pp. 687-692. Cited 16 times.
doi: 10.1016/j.paid.2012.05.026

[View at Publisher](#)
-
- ☐ 44 Lawler-Row, K.A., Karremans, J.C., Scott, C., Edlis-Matityahou, M., Edwards, L.
Forgiveness, physiological reactivity and health: The role of anger

(2008) *International Journal of Psychophysiology*, 68 (1), pp. 51-58. Cited 75 times.
doi: 10.1016/j.ijpsycho.2008.01.001

[View at Publisher](#)
-
- ☐ 45 Akhtar, S., Barlow, J.
Forgiveness Therapy for the Promotion of Mental Well-Being: A Systematic Review and Meta-Analysis

(2018) *Trauma, Violence, and Abuse*, 19 (1), pp. 107-122. Cited 48 times.
<http://www.sagepub.com/journalsProdAims.nav?prodId=journal200782>
doi: 10.1177/1524838016637079

[View at Publisher](#)
-
- ☐ 46 Ghahari, S., Rad, M.M.
Effectiveness of forgiveness skill on anxiety and depression among women victims of sexual abuse in childhood

(2018) *Asian Journal of Psychiatry*, 34, p. 84.
http://www.elsevier.com.proxy.undip.ac.id:2048/wps/find/journaldescription.cws_home/717029/description#description
doi: 10.1016/j.ajp.2018.04.014

[View at Publisher](#)
-

-
- ☐ 47 Brannan, D., Davis, A., Biswas-Diener, R.
The Science of Forgiveness: Examining the Influence of Forgiveness on Mental Health
(2016) *Encyclopedia of Mental Health: Second Edition*, pp. 253-256.
<http://sciencedirect.proxy.undip.ac.id:2048/science/book/9780123977533>
ISBN: 978-012397045-9; 978-012397753-3
doi: 10.1016/B978-0-12-397045-9.00039-2
[View at Publisher](#)
-
- ☐ 48 Griffin, B.J., Worthington, E.L., Lavelock, C.R., Wade, N.G., Hoyt, W.T.
Forgiveness and mental health
(2015) *Forgiveness and Health: Scientific Evidence and Theories Relating Forgiveness to Better Health*, pp. 77-90. Cited 21 times.
<http://dx.doi.org.proxy.undip.ac.id:2048/10.1007/978-94-017-9993-5>
ISBN: 978-940179993-5; 978-940179992-8
doi: 10.1007/978-94-017-9993-5
[View at Publisher](#)
-
- ☐ 49 Flanagan, K.S., Vanden Hoek, K.K., Ranter, J.M., Reich, H.A.
The potential of forgiveness as a response for coping with negative peer experiences
(2012) *Journal of Adolescence*, 35 (5), pp. 1215-1223. Cited 49 times.
doi: 10.1016/j.adolescence.2012.04.004
[View at Publisher](#)
-
- ☐ 50 McGaffin, B.J., Lyons, G.C.B., Deane, F.P.
Self-forgiveness, shame, and guilt in recovery from drug and alcohol problems ([Open Access](#))
(2013) *Substance Abuse*, 34 (4), pp. 396-404. Cited 32 times.
doi: 10.1080/08897077.2013.781564
[View at Publisher](#)
-
- ☐ 51 Friedberg, J.P., Suchday, S., Shelov, D.V.
The impact of forgiveness on cardiovascular reactivity and recovery
(2007) *International Journal of Psychophysiology*, 65 (2), pp. 87-94. Cited 35 times.
doi: 10.1016/j.ijpsycho.2007.03.006
[View at Publisher](#)
-
- ☐ 52 Hirsch, J.K., Webb, J.R., Jeglic, E.L.
Forgiveness, depression, and suicidal behavior among a diverse sample of college students
(2011) *Journal of Clinical Psychology*, 67 (9), pp. 896-906. Cited 47 times.
doi: 10.1002/jclp.20812
[View at Publisher](#)
-

 Rahmandani, A.; Faculty of Psychology, Diponegoro University, Semarang, Indonesia;
email:amalia_rahmandani07@yahoo.co.id
© Copyright 2019 Elsevier B.V., All rights reserved.

[◀ Back to results](#) | 1 of 1

[^ Top of page](#)

About Scopus

[What is Scopus](#)
[Content coverage](#)
[Scopus blog](#)
[Scopus API](#)
[Privacy matters](#)

Language

[日本語に切り替える](#)
[切换到简体中文](#)
[切换到繁體中文](#)
[Русский язык](#)

Customer Service

[Help](#)
[Contact us](#)





Source details

Indian Journal of Public Health Research and Development

Scopus coverage years: from 2010 to 2020

(coverage discontinued in Scopus)

Publisher: R.K. Sharma, Institute of Medico-Legal Publications

ISSN: 0976-0245 E-ISSN: 0976-5506

Subject area: [Medicine: Public Health, Environmental and Occupational Health](#)

CiteScore 2018

0.1



SJR 2019

0.124



SNIP 2019

0.247



[View all documents >](#)

[Set document alert](#)

[Save to source list](#)

[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

i Improved CiteScore methodology

CiteScore 2018 counts the citations received in 2015-2018 to articles, reviews, conference papers, book chapters and data papers published in 2015-2018, and divides this by the number of publications published in 2015-2018. [Learn more >](#)

CiteScore 2018

0.1 = $\frac{329 \text{ Citations 2015 - 2018}}{3,294 \text{ Documents 2015 - 2018}}$

Calculated on 01 May, 2019



= —

CiteScore rank 2018 ⓘ

Category	Rank	Percentile
Medicine		
Public Health, Environmental and Occupational Health	#484/500	3rd

[View CiteScore methodology >](#) [CiteScore FAQ >](#) [Add CiteScore to your site ↗](#)

About Scopus

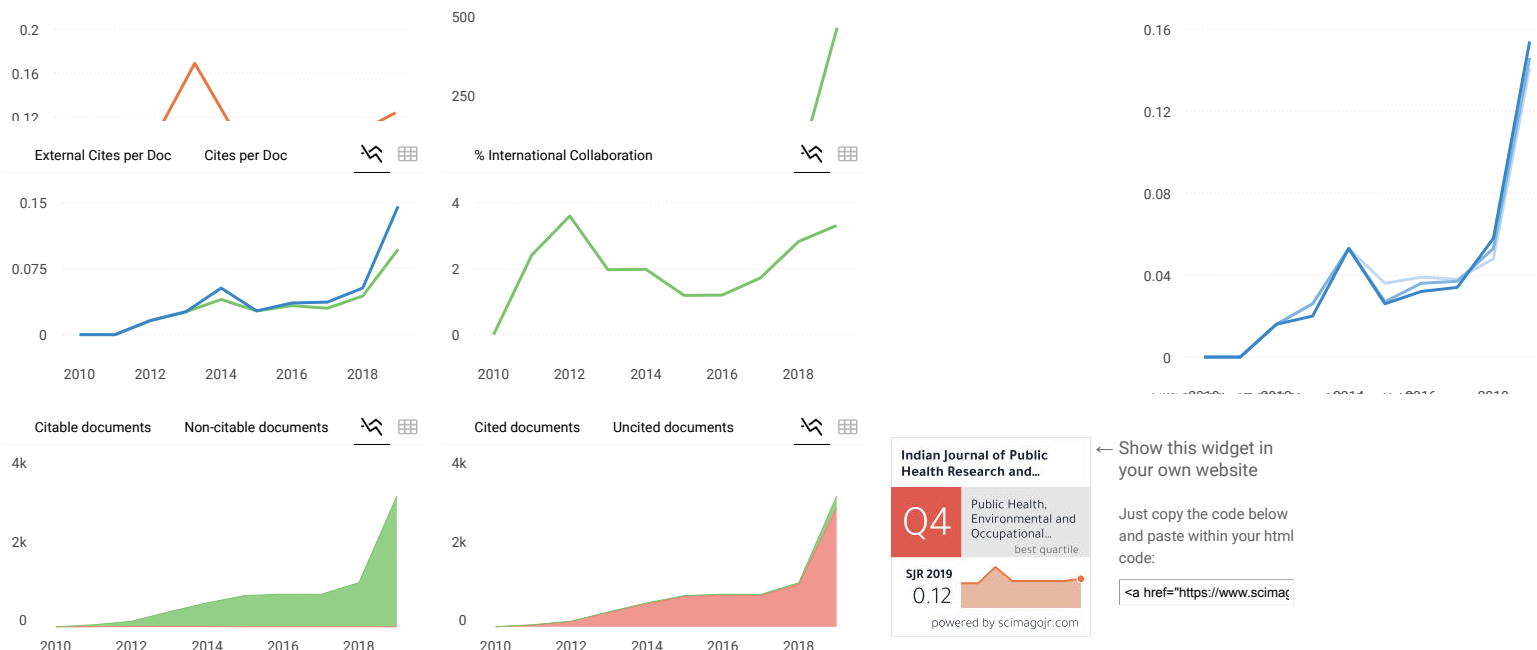
[What is Scopus](#)
[Content coverage](#)
[Scopus blog](#)
[Scopus API](#)
[Privacy matters](#)

Language

[日本語に切り替える](#)
[切换到简体中文](#)
[切换到繁體中文](#)
[Русский язык](#)

Customer Service

[Help](#)
[Contact us](#)



Metrics based on Scopus® data as of April 2020

Mohammed 3 months ago

Dear person in charge,
 I do have a question about the journal.
 when SJR says that the journal coverage is discontinued in 2019, dose papers published in 2019
 are included in Scopus coverage or not?

Many thanks in advance

reply



Melanie Ortiz 3 months ago

Dear Mohammed,
 thank you very much for your comment, unfortunately we cannot help you with your
 request. We suggest you contact Scopus support:
https://service.elsevier.com/app/answers/detail/a_id/14883/kw/scimago/supporthub/scopus/
 Best Regards, SCImago Team

SCImago Team

Tasdidaa Shamsi 3 months ago

Hello, why do journals get discontinued from Scopus please.

Thank you.

reply



Melanie Ortiz 3 months ago

Dear Tasdida,
 thank you very much for your comment, unfortunately we cannot help you with your
 request. We suggest you contact Scopus support:
https://service.elsevier.com/app/answers/detail/a_id/14883/kw/scimago/supporthub/scopus/
 Best Regards, SCImago Team

SCImago Team

eus 6 months ago

Hello Scimago Team, can I publish my journal in other country's journal independently, without my
 University's name? I'm from Indonesia by the way.



Indian Journal of Public Health Research & Development

An International Journal

SCOPUS IJPHRD CITATION SCORE

Indian Journal of Public Health Research and Development

Scopus coverage years: from 2010 to 2018 Publisher:

R.K. Sharma, Institute of Medico-Legal Publications

ISSN:0976-0245E-ISSN: 0976-5506 Subject area: Medicine:

Public Health, Environmental and Occupational Health

Cite Score 2017- 0.03

SJR 2017- 0.108

SNIP 2017- 0.047



Website:

www.ijphrd.com

Indian Journal of Public Health Research & Development

EXECUTIVE EDITOR

Prof Vidya Surwade

Associate Professor, Dr Baba Saheb Ambedkar, Medical College & Hospital, Rohinee, Delhi

INTERNATIONAL EDITORIAL ADVISORY BOARD

1. **Dr. Abdul Rashid Khan B. Md Jagar Din**, (*Associate Professor*)
Department of Public Health Medicine, Penang Medical College, Penang, Malaysia
2. **Dr. V Kumar** (*Consulting Physician*)
Mount View Hospital, Las Vegas, USA
3. **Basheer A. Al-Sum**,
Botany and Microbiology Deptt, College of Science, King Saud University,
Riyadh, Saudi Arabia
4. **Dr. Ch Vijay Kumar** (*Associate Professor*)
Public Health and Community Medicine, University of Buraimi, Oman
5. **Dr. VMC Ramaswamy** (*Senior Lecturer*)
Department of Pathology, International Medical University, Bukit Jalil, Kuala Lumpur
6. **Kartavya J. Vyas** (*Clinical Researcher*)
Department of Deployment Health Research,
Naval Health Research Center, San Diego, CA (USA)
7. **Prof. PK Pokharel** (*Community Medicine*)
BP Koirala Institute of Health Sciences, Nepal

NATIONAL SCIENTIFIC COMMITTEE

1. **Dr. Anju Ade** (*Associate Professor*)
Navodaya Medical College, Raichur, Karnataka
2. **Dr. E. Venkata Rao** (*Associate Professor*) Community Medicine,
Institute of Medical Sciences & SUM Hospital, Bhubaneswar, Orissa.
3. **Dr. Amit K. Singh** (*Associate Professor*) Community Medicine,
VCSG Govt. Medical College, Srinagar – Garhwal, Uttarakhand
4. **Dr. R G Viveki** (*Professor & Head*) Community Medicine,
Belgaum Institute of Medical Sciences, Belgaum, Karnataka
5. **Dr. Santosh Kumar Mulage** (*Assistant Professor*)
Anatomy, Raichur Institute of Medical Sciences Raichur(RIMS), Karnataka
6. **Dr. Gouri Ku. Padhy** (*Associate Professor*) Community and Family
Medicine, All India Institute of Medical Sciences, Raipur
7. **Dr. Ritu Goyal** (*Associate Professor*)
Anaesthesia, Sarswathi Institute of Medical Sciences, Panchsheel Nagar
8. **Dr. Anand Kalaskar** (*Associate Professor*)
Microbiology, Prathima Institute of Medical Sciences, AP
9. **Dr. Md. Amirul Hassan** (*Associate Professor*)
Community Medicine, Government Medical College, Ambedkar Nagar, UP
10. **Dr. N. Girish** (*Associate Professor*) Microbiology, VIMS&RC, Bangalore
11. **Dr. BR Hungund** (*Associate Professor*) Pathology, JNMC, Belgaum.
12. **Dr. Sartaj Ahmad** (Assistant Professor),
Medical Sociology, Department of Community Medicine, Swami Vivekananda Subharti
University, Meerut, Uttar Pradesh, India
13. **Dr Sumeeta Soni** (Associate Professor)
Microbiology Department, B.J. Medical College, Ahmedabad, Gujarat, India

NATIONAL EDITORIAL ADVISORY BOARD

1. **Prof. Sushanta Kumar Mishra** (Community Medicine)
GSL Medical College – Rajahmundry, Karnataka
2. **Prof. D.K. Srivastava** (*Medical Biochemistry*)
Jamia Hamdard Medical College, New Delhi
3. **Prof. M Sriharibabu** (*General Medicine*) GSL Medical College, Rajahmundry,
Andhra Pradesh
4. **Prof. Pankaj Datta** (*Principal & Prosthodontist*)
Indraprastha Dental College, Ghaziabad

NATIONAL EDITORIAL ADVISORY BOARD

5. **Prof. Samarendra Mahapatro** (*Pediatrician*)
Hi-Tech Medical College, Bhubaneswar, Orissa
6. **Dr. Abhiruchi Galhotra** (*Additional Professor*) Community and Family
Medicine, All India Institute of Medical Sciences, Raipur
7. **Prof. Deepti Pruthvi** (*Pathologist*) SS Institute of Medical Sciences &
Research Center, Davangere, Karnataka
8. **Prof. G S Meena** (*Director Professor*)
Maulana Azad Medical College, New Delhi
9. **Prof. Pradeep Khanna** (*Community Medicine*)
Post Graduate Institute of Medical Sciences, Rohtak, Haryana
10. **Dr. Sunil Mehra** (*Paediatrician & Executive Director*)
MAMTA Health Institute of Mother & Child, New Delhi
11. **Dr. Shailendra Handu**, *Associate Professor*, Phrma, DM (Pharma, PGI
Chandigarh)
12. **Dr. A.C. Dhariwal**: *Directorate* of National Vector Borne Disease
Control Programme, Dte. DGHS, Ministry of Health Services, Govt. of
India, Delhi

Print-ISSN: 0976-0245-Electronic-ISSN: 0976-5506, Frequency: Quarterly
(Four issues per volume)

Indian Journal of Public Health Research & Development is a double blind peer reviewed international journal. It deals with all aspects of Public Health including Community Medicine, Public Health, Epidemiology, Occupational Health, Environmental Hazards, Clinical Research, and Public Health Laws and covers all medical specialties concerned with research and development for the masses. The journal strongly encourages reports of research carried out within Indian continent and South East Asia.

The journal has been assigned International Standards Serial Number (ISSN) and is indexed with Index Copernicus (Poland). It is also brought to notice that the journal is being covered by many international databases. The journal is covered by EBSCO (USA), Embase, EMCare & Scopus database. The journal is now part of DST, CSIR, and UGC consortia.

Website : www.ijphrd.com

©All right reserved. The views and opinions expressed are of the authors and not of the Indian Journal of Public Health Research & Development. The journal does not guarantee directly or indirectly the quality or efficacy of any product or service featured in the advertisement in the journal, which are purely commercial.

Editor

Dr. R.K. Sharma

Institute of Medico-legal Publications
Logix Office Tower, Unit No. 1704, Logix City Centre Mall,
Sector- 32, Noida - 201 301 (Uttar Pradesh)

Printed, published and owned by

Dr. R.K. Sharma

Institute of Medico-legal Publications
Logix Office Tower, Unit No. 1704, Logix City Centre Mall,
Sector- 32, Noida - 201 301 (Uttar Pradesh)

Published at

Institute of Medico-legal Publications

Logix Office Tower, Unit No. 1704, Logix City Centre Mall,
Sector- 32, Noida - 201 301 (Uttar Pradesh)



Indian Journal of Public Health Research & Development

www.ijphrd.com

Contents

Volume 10, Number 3

March 2019

1. A Study of Financial Counselling and Estimation of Variance between Estimated Bill and Actual Bill of Cardiac Cath Lab 1
Brig. A P Pandit, Harshada Tambe
2. Alienation, Attachment Style, and Alcohol Addiction “A Study of Young Women Habitual Drinkers” 9
Bhawani Singh Rathore, Uma Joshi
3. Challenging Issues in Health Economics 15
S. N. Sugumar, C. K. Gomathi
4. Examining the Impact of Development Projects’ on the Project affected People: A Study in Kalinganagar Industrial Estate, Odisha, India 20
Chandrakanta Sahoo, Shukadeb Naik
5. Effectiveness of Hand Muscle Strengthening Exercises on Dominant Hand Pinch Strength in Smartphone Addicted Collegiate 26
D. Malarvizhi, A. Abinaya
6. Effect of Traction Versus Counter Traction with Conservative Treatment on Adhesive Capsulitis 31
Divya Nitin Lad, S. Anandh
7. Efficacy of Probiotic Drink Containing *Lactobacillus Casei Shirota Strain* on Factors affecting Dental Caries 36
Mary Byju, Kundabala Mala, Neeta Shetty, Ramya Shenoy, Shrikala Baliga
8. Health Expectancy Under Dynamic Set Up for India and its Selected States 42
Mompi Sharma
9. IoT based E-Critical Care Unit for Patients In-Transit 46
Naveen Kumar, Surya Narayan Panda, Preethi Pradhan, Rajesh Kaushal
10. The Influence of Moderate Intensity Exercises on Fatigue and Quality of Life in Cancer Patients Undergoing Chemotherapy 51
Neelam Tejani, S. Anandh
11. The Effectiveness of Planned Educational Intervention on Knowledge and Skills in Home Care Management among Care Givers of Patients with Spinal Cord Injury 56
Kanmani J, Laly KG, Nila KM
12. Microbiological Evaluation of Polytetrafluoroethylene (PTFE) Tape, Cellulose Sponge and Cotton as Spacer Materials Combined with Intracanal Medicament- An in Vitro Study 61
Aditya Shetty, Payal Garg, Mithra N. Hegde, Lakshmi Nidhi Rao, Chitharanjan Shetty, Shishir Shetty
13. Socio-Demographic and Cultural Factors Influencing Treatment Outcomes among Patients with

Tuberculosis Attending Tribal Health Care Centers of H. D. Kote Taluk, Mysuru District	66
<i>Prakash Boralingiah, Dennis Chauhan</i>	
14. Language Proficiency among Higher Secondary Students with Respect to Psychological Factors	72
<i>R. Jeyanthi, S. Arockiadoss</i>	
15. Profile of Patients Who Underwent Abortion in Tertiary Medical College in Trichy: A Descriptive Study	76
<i>Raghuram V, Shankar S, Betty Janice A, Brammamuthu S, Chezian V M, Elango. S</i>	
16. Role of MDCT in Evaluation of Acute Abdomen	79
<i>A. Sravan Krishna Reddy, S. Shrinivasan, S. Sajith, R. Chidambaram</i>	
17. Patterns and Distribution of Dental Caries and Dental Fluorosis in School Children of Sivakasi	85
<i>A. Ashwatha Pratha, S. Gheena</i>	
18. Prevalence of Reproductive Tract Infections and Treatment Seeking Behavior among Women of 15-49 Years Age Group in Haldwani Block, District Nainital, Uttarakhand, India	89
<i>Neha Verma, Sadhana Awasthi, Chandramohan Singh Rawat, Rajesh Kumar Singh, Bithorai Basumatary</i>	
19. Sustainable Agriculture and of Irrigation Practices in India	95
<i>Arasheethbanu</i>	
20. A Study to Assess the Knowledge Regarding Cervical Cancer Screening and Prevention among Women in Rural Areas in Trichy	99
<i>Shankar. S, Raghuram V, Elango, Sowndarya S, Sharumathi R R, Sasirekha P</i>	
21. Study on Utilization of Breast Feeding Booths in Major Bus Terminals by Lactating Mothers in Selected Districts of Tamil Nadu	103
<i>Shankar S., Raghuram V, Elango, N. Leka jothi, K. Madhubala</i>	
22. Study to Assess Knowledge, Practice and Attitude of about Self Breast Examination among Women in Field Practice Area of a Medical College in Trichy	108
<i>Raghuram V, Shankar S, Suganya S, Suganthi S, Suhaanth G, Tharan Kumar S, Elango S</i>	
23. Study on Profile of Pregnancy Outcomes in a Tertiary Care Hospital in Trichy, South India	112
<i>Shankar S, Raghuram V, Swarnalatha P, Thendral Vasan P, Swathi S, Elango S</i>	
24. A Study of Knowledge, Attitude and Practice Regarding E-waste Management among Nursing Students at a Tertiary Care Hospital	117
<i>Amit A Mane, Sujata V Patil, P M Durgawale, S V Kakade</i>	
25. Hostile Tobacco and Oral Health—A Review	123
<i>T.Sarumathi, Krishnan Mahalakshmi, S. Raghavendra Jayesh, B. Krishna Prasanth, Sindhu Poovannan</i>	
26. Soft Tissue and Alveolar Bone Repair of Platelet Rich Fibrin Over Platelet Rich Plasma in Extraction of Impacted Third Molars	129
<i>B. Saravanakumar, A. Julius, S. Raghavendra Jayesh, B. Krishna Prasanth</i>	
27. Workplace Spirituality and its Impact on Organizational Commitment and Employees' Job Satisfaction amongst Higher Educational Institution Teachers	132
<i>Dayal Sandhu</i>	
28. The Role of MRI in Non-Traumatic Chronic Hip Joint Pain	137
<i>Dhanashree More, Pramod Shaha, Sonesh kumar Chougule, Utkarsha Patil, Kapil Sawarkar, Ria Rai, Dhirajkumar Mane</i>	

29. Computed Tomography Evaluation of Mediastinal Masses	143
<i>Utkarsha Patil, PramodShaha, Omkar Patil, Dhanashree More, Dhirajkumar Mane</i>	
30. Knowledge, Attitude and Practice among 13-15 Years Old School Children Towards Oral Hygiene	149
<i>Prashaanthi Nagaraj, Geo Mani</i>	
31. A Study on Awareness about Self Medication Practices among Working People in Kerala	154
<i>Anusree M., Gokul K. C., Girish S</i>	
32. Salivary Cortisol Level; Its Role in Stress Induced in Patients Undergoing Dental Treatment; An in Vivo Study	159
<i>Sumit Singh Phukela, Ashish Dabas, Reshu Madan, Shefali Phogat, Manoti Sehgal, Jaiveer Singh Yadav</i>	
33. Health Care Services by Primary Health Centres in Uthamapalayam Taluk in Theni District of Tamil Nadu-An Economic Analysis	163
<i>S. Saravanan, M. Ramesh, S. N. Sugumar, S. Sudha, Prof. Teluswarn, Prof. Rajarethinam Emmanuel</i>	
34. School Teacher's Knowledge, Attitude and Practices Regarding Oral Health in Ballabhgarh Block, Faridabad	169
<i>Neha Verma, Meena Jain, Nisha Rani Yadav, Sourya Poudel, Ankur Sharma, Vishal Jain</i>	
35. Representation of Knowledge Through Ontology for Swine Flu Disease in Semiarid Tropical Regions	172
<i>P Radhika, P. Suresh Varm, N. Lakshmi Kalyani, P. Rama Krishna, M. Santosh Kumar</i>	
36. Knowledge, Attitude & Practices Regarding Prevention of Dengue and Malaria among Residents of Urban Area in Kolhapur City, Maharashtra	177
<i>Pallavi A. Potdar</i>	
37. Comparative Evaluation of Efficacy of Oral Diazepam and Buspirone in Reducing Anxiety and Discomfort in Mandibular Third Molar Surgery- In Vivo Study	182
<i>Sushmita Mitra, Kalyani Bhate, Santhosh kumar S. N., Kapil Kshirsagar, Bhagyashree Jagtap, Pradnya Kakodkar</i>	
38. Post Marital Depression among Women	187
<i>Vidyadhari Pedaprolu, Priya. M</i>	
39. Various Techniques Used to Diagnose Psychogenic Non-epileptic Seizures (PNES): A Brief Overview	190
<i>Priyesh Kumar Singh, Naveen, Tara Singh, Vijay N. Mishra, Rameshwar N. Chaurasia, Trayambak Tiwari</i>	
40. A Study on Problems and Difficulties in Implementing Knowledge Management Practices in Education Sector	195
<i>R. Priya, J. John Adaikalam</i>	
41. A Comprehensive Study on Novel Hybrid Approach for Decision Support System in Disease Diagnosis	200
<i>K. Sharmila, C. Shanthi, R. Devi, T. Kamala Kannan</i>	
42. Management of Calcific Metamorphosis with Minimally Invasive Porcelain Veneers—A Case Report	205
<i>Shreya Hegde, Swathi Pai, Roma M</i>	
43. Performance of Indian Agricultural Export-An Analysis	208
<i>S. Gunaseelan, N. Kesavan</i>	
44. An Early Infected Lung Identification and Verification Module Using Neural Classifier	212
<i>S. Sandhiya, Y. Kalpana</i>	

45. Assessment of Inflammatory Markers in Hemolytic Crisis with Special Reference to Sick Cell Anemia 219 <i>Prashant Nigam, P. K. Patra, Lakhan Singh, Ramnesh Murthy</i>	219
46. Correlation of Foot Length and Gestational Maturity in Neonates—A Study from Coastal Karnataka 223 <i>Rose Ann Roy, Suchetha S Rao, Prasanna Mithra</i>	223
47. Clinical Profile of Children with Autism Spectrum Disorder: A Study from Coastal Karnataka 228 <i>Shebna A Khader, Suchetha S Rao, Nutan Kamath</i>	228
48. A Study on the Nutritional Status of the School Going Adolescents of East Sikkim, North East India 232 <i>Tshering Dolkar, Brig. V K Mehta, J T Wangdi</i>	232
49. The Combined Effect of Continuous Run, Alternate Pace Run and Fartlek Training on Selected Physiological Variable among Male Athletes 238 <i>T. Arun Prasanna, K. Vaithianathan</i>	238
50. Prevalence of Lifestyle Related Risk Factors for Non-communicable Diseases among Adolescents of an Urban Community in Mumbai 242 <i>Joshhi Bhavna Pramod, Tayade Deepak Narayan</i>	242
51. Role of Curcumin in Chemoprevention of Oral Cancer: A Review 248 <i>Yogesh Chhparwal, Shubha Chhparwal, Navin Patil</i>	248
52. Breast Feeding Practices-An Exploratory Survey among Mothers of Infants 253 <i>Mamatha Shivananda Pai, Binu Margaret E, Yashoda S, Sheela Shetty</i>	253
53. Comparative Study to Assess the Stress of Mothers of Preterm and Low Birth Weight Baby Admitted in NICU vs Postnatal Ward 258 <i>Violin Sheeba, T. Radha Bai Prabu</i>	258
54. Eat Out Habits of Individuals With Reference to Ernakulam Metro City 261 <i>A. S. Ambily</i>	261
55. Women's Health in Midlife: Factors Influencing Menopausal Symptoms among Rural Women in Tiruvallur District of Tamilnadu 266 <i>Ruma Dutta, Pankaj Shah, Shanthi Edward, Anitha Rani, Dinesh Raja, Timsi Jain</i>	266
56. Review of Burden of Risk Factors of Coronary Heart Disease in India 272 <i>Meenakshi Khapre, Vartika Saxena</i>	272
57. Horizontal Ridge Augmentation Using Ridge Expansion Technique Followed by Implant Placement ... 276 <i>Gayathri Krishnamoorthy, Nayana Prabhu, Vidhi Goyal, Srikanth</i>	276
58. Services of Untouchability in the Sacred Complex of Lingaraj Temple 281 <i>P. Sreeja, Jagannath Dash, R. Vinoth</i>	281
59. Harnessing the Differentiated Model of HIV-AIDS Care as an Enabling Factor for Successful HIV-AIDS Programme Management 288 <i>Shayhana Ganesh</i>	288
60. Can Artificial Intelligence be Used as an Enabler for Anti-Retro-Viral Medication Adherence in HIV-AIDS Management Programmes? 290 <i>Shayhana Ganesh</i>	290

61. Recommendations for HIV-AIDS Programme Management Indicator Development	293
<i>Shayhana Ganesh</i>	
62. Prospective Lung Transplantation in Indonesia: Lung Donor Preparation, Preservation, and Allocation	296
<i>Zulkifli Amin; Sari PurnamaHidayat</i>	
63. Factors Causing Infant Mortality in Surabaya	301
<i>Wahyu Gito Putro</i>	
64. The Association between Short Nap and Memory Performance Using Concise Learning Method and Logical Learning Method among Private University Students in Selangor, Malaysia	305
<i>Mustafa Fadil Mohammed, Mohammed A. Abdalqader, Mohammed Abdelfatah Alhoot, Mohanad R. Alwan, Mohammed FaezAbobakr, Asha Binti Abd. Rahman</i>	
65. Swimming Skill Development among Rural Children Under Limited Infrastructure: The Stakeholders' Perspectives	311
<i>Orapin Laosee, Ratana Somrongthong</i>	
66. Personality, Perceived about Co-workers Safety Behavior and Unsafe Acts in Construction Workers ...	316
<i>Noorce Christiani Berek, Qomariyatus Sholihah</i>	
67. Determinant Factors of Work Stress among Teaching and Non Teaching Staff in Indonesia	321
<i>Ratih Damayanti, Erwin Dyah Nawawinetu</i>	
68. Measurement of Radon Concentration in the Soil of Some Areas of the City of Shatrah Using the Nuclear Impact Detector (Cr-39)	326
<i>Ibtihaj Ahmed kadhim</i>	
69. Immunoglobulins Levels in Iraqi Atopic patients (Asthma, Rhinitis and Urticaria)	332
<i>Salwa G. Turki, Suad A. Brakhas, Wesam H. Ahmed</i>	
70. Role of serum Leptin and Prolactin in Iraqi females' patients with Rheumatoid Arthritis	337
<i>Abbas Toma Joda</i>	
71. Peroxisome Proliferator Activated Receptor (PPAR) Delta Genetic Polymorphism in Saudi Normal Population	343
<i>Abdulraheem A. Almalki, Khalaf F. Alsharif, Osama M. Al-Amer, AbdulAziz A. Almalki, Ahmed S. Abdel-Moneim</i>	
72. Spiritual Resilience Model on Drug Abuse Intensity among Senior High School Students, South Kalimantan: A Path Analysis	348
<i>Syamsul Firdaus, Anggi Setyowati, Endang Sri Purwatiningsih</i>	
73. The Effect of Given Information, Knowledge and Community Participation of Family Planning Village Programs in East Java Province-Indonesia	354
<i>Annisa Ullya Rasyida, Iswari Hariastuti, Kuntoro, Haryono Suyono, Sri Widati</i>	
74. Effect of Bone Morphogenetic Protein-4 on the Expression of BMP-7In Bone Repair	359
<i>Athraa Y. Al-Hijazi, Abdul Karim A Al-Mahammadawy, Imad K. Abbas Al-Rifae, Basim M Khashman, Alaa Wael Izzat</i>	
75. Measuring <i>Escherichia coli</i> in foods and Beverages towards Certification of Cafeteria in Campus	364
<i>Dewi Susanna, Yvonne M. Indrawani, Zakianis, Tris Eryando, Aria Kusuma</i>	

76. Consumption of Salted Fish and Hypertension in the Area of Salted Fish Industry	367
<i>Dewi Susanna, Arni Widiarsih, Tris Eryando, Nopa Arlianti, Ayu Indriyani</i>	
77. Spousal Communication on Family Planning and Contraceptive Adoption in Indonesia	372
<i>Dian Kristiani Irawaty, Hadi Pratomo</i>	
78. Epidemiology Character of Tuberculosis among Internally Displaced Persons in Tikrit City	377
<i>Athraa Essa Ahmed, Azeez Mohammed Ali Azeez</i>	
79. The Relation of Physical Air Quality and Occupancy Density with the Existence of <i>Streptococcus sp</i> Bacteria in Air at Sarijadi Urban Village Sub district of Bandung	382
<i>Elanda Fikri, Novita Sekar Ayu Prabono, Pujiono</i>	
80. The Policy of Reproductive Health Education for the Adolescence with Intellectual Disability in Indonesia: A Qualitative Study	387
<i>Dhefi Ratnawati, Evi Martha, Sela Fasya</i>	
81. Artificial UV Radiations Emitted from Different Types of Lamps	392
<i>Fadhil Khaddam Fuliful, Adnan M. Mansoor Al-Saeedi, Hind K. Abbas</i>	
82. Accuracy of Ultrasound in Comparison to Magnatic Resonance Imaging in Diagnosis of Meniscal Tears	397
<i>Mahmoud Khudair Yaseen, Faiq I. Gorial</i>	
83. The Different Intake of Energy and Macronutrient on Weekdays and Weekend among Adolescent in Urban City	401
<i>Syafira Kandinasti, Farapti Farapti</i>	
84. Factors Affecting Waiting Time for Outpatient Medical Record Documents in General Hospital Dr. H. Moch. Ansari Saleh Banjarmasin	407
<i>Febriyanti, Achmad Rofi'i, Bahrul Ilmi, Husaini, Meitria Syahadatina Noor</i>	
85. The Presence of Lead in Blood of Pregnant Women at the First Trimester in Al Najaf City–Iraq	412
<i>Fulath Abdul-Redah Muhsin</i>	
86. Knowledge, Attitude and Practice of Relapse Malaria Patients. a Cross Sectional Study from Mandailing Natal District, Indonesia	416
<i>Nelson Tanjung, Mido Ester J Sitorus, Risnawati Tanjung, Haripin Togap Sinaga</i>	
87. Effect of Adding Different Levels of Green Tea Powder <i>Camellia Sinensis</i> to Diet on Some Physiological Traits in Broiler	420
<i>Khawla A. Salman, Sunbul J. Hamodi, Luma K. Al-Bandr</i>	
88. The Prevalence of Cesarean Section in Misan Province and It's Indicating Factors	425
<i>Saba Jassim Alheshimi, Aqeela Hayder Majeed, Kawakeb N Abdulla, Hiba Ali Rassme, Nawras Khairi Fadhil, Hayder Adnan Fawzi</i>	
89. Role of Diffusion-Weighted MRI and Dynamic Contrast-Enhanced MRI in Early Staging of Bladder Cancer	431
<i>Mohammed Abd-Kadhim, Mohammad Abd-Alrida Hussein, Hayder Adnan Fawzi</i>	
90. Effect of Gender on Difficulties in Laparoscopic Cholecystectomy	437
<i>Wisam Mahmood Aziz</i>	

91. Effects of Empowerment and Work Environment on Job Satisfaction of Nurse-midwives working in Hospitals 441	441
<i>Sun Ok Lee, Hee Kyung Kim, Jung Suk Park</i>	
92. Effectiveness of the Smoking Stop Model to Improve the Rehabilitative Behavior of Adolescent Smokers..... 446	446
<i>Heni Nurhaeni, Suryati Badrin</i>	
93. Family Support and Activities of Elderly with Hypertension in the Working Area of Mangasa Public Health Center, Makassar City, Indonesia 449	449
<i>Ramlah, Bahtiar</i>	
94. SITRUST App: Detecting TB Cases and Increasing RMT Utilization in the Healthcare Facilities in East Java 453	453
<i>Satiti Palupi¹, Zaimah², Siti Murtini³, M. Atoillah⁴</i>	
95. Adherence to the National Immunization Schedule for the First Year of Life in Misan, Iraq 459	459
<i>Esraa Abd Al-Muhsen Ali, Hussein Fadhil Musa Aljawadi</i>	
96. Personal Factors that Affect Adherence of Fluid Restriction in Patient with Hemodialysis 465	465
<i>Ika Yuni Widyawati, Nursalam, Kusnanto, Rachmat Hargono</i>	
97. Shift Work and the Risk of Cancer—A Systematic Review 471	471
<i>Yulaida Maya Sari, Baiduri Widanarko</i>	
98. Analysis of Peripheral Neuropathy Disorders in Humans from Mercury Exposure: A Systematic Review 476	476
<i>Ummul Hairat, Budi Hartono</i>	
99. Accident Compensation and Disability Cash Compensation Utilization of Workers with Disabilities due to an Accident 482	482
<i>Indriati Paskarini, Tri Martiana, Tjipto Suwandi, Firman Suryadi Rahman</i>	
100. Use of Monitoring Cards to Increase Iron Substance and Hemoglobin Levels in Pregnant Women 487	487
<i>Darmayanti, M. Mukhtar, A. Rizani, Tut Barkinah, Mahpolah, Mahdalena</i>	
101. The Gamma Nail Versus DHS in the Treatments of Intertrochanteric Fractures 492	492
<i>Wejdi A. Al –Fatlawy</i>	
102. Detection Enteric Viral in the Newborn Causes Diarrhea in Al-Zahraa Hospital of Al-Najaf Government 497	497
<i>Ihasan Adnan Hashim, Mohammed Abdulrazzaq Assi, Hayder Ali Muhammed</i>	
103. Effectiveness of Video Assisted Teaching Programme on Toilet Training of Toddlers among Parents in a Selected Rural Area in Shimla, Himachal Pradesh, India 502	502
<i>Jinu K. Rajan</i>	
104. Ex vivo Cytopathic Effect Study of Human <i>Acanthamoeba keratitis</i> and Use of <i>E. coli</i> in Parasitic Culture..... 508	508
<i>Mohenned A. Alsaadawi, Naer Alkaabi, Sura Alkhuzai, Simon Kilvington</i>	
105. Teacher’s Perception of Stakeholder Support in the Peer Education Program about Drug Abuse Prevention 514	514
<i>Ira Nurmala, Elisa Dwi P, Muthmainnah, Riris Diana R</i>	
106. Functional Analysis of Beta 2 Microglobulin Protein in Patients with Prostate Cancer Using Bioinformatics Methods 519	519
<i>Ammar Adil Jasim, Abbas Abdullah Mohammed, Ali Abdulhafidh Ibrahim</i>	
107. Use of Bipolar Cautery in Thyroidectomy 524	524
<i>Khalid k. Hussein</i>	

108. Analysis of Occupational and Non-Occupational Fatigue Risk Factors among Commercial Pilots in PT XYZ, Jakarta 528
Robiana Modjo, Haris Muzakir
109. Correlation between Serology and Molecular Diagnostic Tests for HCV in Children Receiving Blood or Blood Products Experience of Single Institute, Wasit Province-Iraq 2016 533
Safa A. Faraj, Ahmed I. Ansaf, Hasanein H. Ghali, Naeem m. mohsen
110. The Effect of Extension Methods on Knowledge and Attitude of Young Women about “Sadari” at Immim High School of Pangkep District 539
Arlin Adam, Sukri Palutturi
111. Understanding the Delayed Factors for Reducing Maternal and Neonatal Mortality in Indonesia: Based on the 2015 Inter-Censal Population Survey and the 2014 Village Potential Statistics 543
Teti Tejayanti, Budi Utomo, Tin Affifah
112. Study of Hematological Changes in the Experimentally Infected Sheep with Ticks *Hyalomma spp.* 551
Ihsan M. Sulbi, Rana A. Jawad, Rana F. Mousa, Yasser J. Jameel, Abbeer F. Abd-Al-Hussain
113. Study the Antioxidant Activity of Sage (*Salvia Officinalis*) Leaves Extract 556
Saba J. Ajeena, Suhayla K. Mohammed, Zahraa H. Raheem
114. Effect of Winter Nutrition with Dietary Supplements on Activities of Honey Bees’ Colonies 560
Najiha M. Bari, Maryem A. Hasoon, Abbas G. Hamza
115. Use Autologous Platelets Rich Plasma in Treatment of Skin Wounds in Rabbits 564
Jassim M. Albozachri, Hayder N. Alkhalissi, Namir I. Mohammed, Yasser Jameel
116. Effect of Using Prebiotic (Dandelion) and Probiotic (*Bacillus subtilis*) on Some Physiological and Immunological Traits of Broiler Chicken 569
Rafal A. Hussain, Wafaa K. Jasim, Yasser J. Jameel
117. The Role of Vitamin D Supplementation in Allergic Rhinitis Management 574
Abdul Qadar Punagi, Stella Fitrianty Attu, Sutji Pratiwi Rahardjo, Firdaus Hamid, Ilham Jaya Patellongi
118. A Relationship between Knowledge, Attitude, and Practice about Balanced Nutrition Guidelines and Metabolic Syndrome among Central Obese Teachers in Makassar 579
Nurzakiah Hasan, Veni Hadju, Nurhaedar Jafar, Ridwan Mochtar Thaha
119. Effective Audio Visual Aids Change the Behavior of Elementary School Students in Maintaining Dental and Mouth Health in Makassar City 584
Yusriani
120. The Impact of Marketing Information Systems on Brilliant Financial Performance in Hospital Industry 589
Ahmed Mohammed Fahmi, Sajjad Mohemmed Atiyah, Arcelan S. Sadiq
121. The Source between Arabic and Persian, an Applied Study in Surat Maryam and its Translation 595
Rabab Hakim Sachet, Hasan Gazi Alsa’ad, Abbass Ali Waffa’ ai
122. The Role of Physical Activity in Determining the Level of Older People’s Depression 599
Arwani, Shobirun, Rodhi Hartono, Sugih Wijayati, Supriyadi, Ismi Rajiani

123. Nurse's Competence in Supporting the Spiritual-Religious Needs of Patients in Indonesia 604
Supriyanto, Achir Yani S. Hamid, Dede Rosyada, Muchtarudin Mansyur, Ferry Efendi
124. Awareness on Substance Abuse among Universiti Utara Malaysia Students 609
Nurhazlina Mohd Ariffin, Anis Atiqah Abdul Ghani
125. The Effect of Residence Area on Motor Skill Development among Children 614
Nor Idayu Yusoff, Mohamad Razali Abdullah, Hafizan Juahir, Jeffrey Low Fook Lee, Siti Musliha Mat-Rasid, Norlaila Azura Kosni, Mohd Khairi Zawi
126. Physical Fitness and Anthropometric Characteristics in School Children: A Comparison of Urban and Rural Areas in East Coast of Peninsular Malaysia 619
Hanisah Azahari, Mohamad Razali Abdullah, Ahmad Bisyr Husin Musawi Maliki, Vijayamurugan Eswaramoorthi, Hafizan Juahir, Rabi Muazu Musa, Khairi Zawi
127. Removal of Arsenic Compound in Jordan, Yarmouk and Zarqa Rivers Using Coagulation Techniques . 624
Kulthum Ahmad Mohamad ALShwayatt, Abdul Rahman Hassan, Ahmed A. Al-Taani, Sabariah Rozali, Nurul Hannan Mohd Safari, Nor Azirah Sulaiman
128. **An Exploratory Study of Personality Traits and Psychological Coping Skills on Archery Performance** . 630
Rabi Muazu Musa, Mohamad Razali Abdullah, Hafizan Juahir, Vijayamurugan Eswaramoorthi, Norzulaika Alias, Muhammad Rabani Hashim, Amr Salem Falah Alnamat
129. Awareness on e-Health among Undergraduate Students in Bangladesh 636
Chowdhury A Hossain, Mohamad A Mohamed, Md S R Zishan, Rabiul Ahsan, Siti M Sharun
130. Indicator of Dyslipidemia for Ischemic Stroke in Elderly with Hypertension 642
Adita Puspitasari Swastya Putri, Atik Choirul Hidajah
131. Supporting Factors to Get Coverage of Malaria Mass Blood Survey (MBS) Above 80%:
Lesson Learn From Gripit Village, Banjarmangu Sub District, Banjarnegara District 649
Bina Ikawati, Tri Wijayanti, Agung Pujakesuma, Corry Laura Junita Sianturi
132. Leptospirosis Outbreak during Rice Harvesting Season in Kebumen, Central Java Indonesia
(The First Case Report in Kebumen) 654
Dyah Widiastuti, Dewi Puspitaningsih, Siwi Mars Pramutama Wijayanti
133. Housing Condition as Tuberculosis Infection Risk Factor 659
Dyah Wulan Sumekar Rengganis Wardani, Endro Prasetyo Wahono
134. Early Marriage In Adolescent Opinion 663
Lia Kurniasari, Nida Amalia, Noor Azizah Yuda Putera, Lisa Wahidatul Oktaviani, Suprayitno
135. The Effect of Narcotics Anonymous Meeting toward Relapse Prevention among Prisoners 667
Niken Agus Tianingrum, Pipit Feriani, Erni Wingki Susanti, Kartika Setia Purdani, Yuliani Winarti, Bachtiar Safrudin
136. The Analysis of the Factors affecting Medication Adherence in Patient with SLE
(Systemic Lupus Erythematosus) at Yayasan Tittari Griya Kupu Solo 672
Riskiana Amalia, Heru Sasongko, Wisnu Kundarto, Rasmaya Niruri
137. Adverse Childhood Experiences and Depression among Indonesian University Students 677
Salma Salma, Dian Veronika Sakti Kaloeti, Amalia Rahmandani, Hastaning Sakti, Suparno Suparno

138. Maternal Care among Madurese through the Form of Culture	683
<i>Shrimarti Rukmini Devy, Riris Diana Rachmayanti, Fildzah Karunia Putri</i>	
139. Implementation of Premenstrual Gymnastics on Intensity of Pain dan Level of Anxiety	689
<i>Sri Sumarni, Nur Khafidhoh, Umaroh</i>	
140. Dietary Diversity in Agricultural and Coastal Area as Potential Source for the Prevention of Child Stunting in Sidoarjo District	696
<i>Trias Mahmudiono, Dwi Putri Pangesti Suryo Andadari, Calista Segalita</i>	
141. Eating Patterns and Physical Activity to Reduce Diabetes Melitus Type 2	701
<i>Triselia Monika, Atik Kridawati</i>	
142. Relationship between Cadres Counseling about Diarrhea to Handling Child Diarrhea	709
<i>Umi Solikhah, Theresia Dian Fransisca</i>	
143. The Effect of Health Education about PJAS and PHBS on Students Grade V SDN 001 Sungai Kunjang, Samarinda	716
<i>Yakub Andriyadi, Wahnadita Rahman, Dayang Arini, Raudhatun Nisya HL, Dina Lusiana Setyowati</i>	
144. Insights into Urban Informal Workers in Indonesia: Health Insurance Enrollment, Adverse Selection Issue and Access to Health Care	722
<i>Budi Aji, Arih Diyaning Intiasari, Siti Masfiah</i>	
145. Improvement of Water Quality after Implementation of Water Safety Plans (WSPs) in Semarang City, Indonesia	725
<i>Budiyono Budiyono, Praba Ginandjar, Lintang Dian Saraswati, Dina Rahayuning Pangestuti, Martini Martini, Sutopo Patria Jati</i>	
146. Social-Ecological Risk Determinant and Prediction For Dengue Transmission	732
<i>Fazidah Aguslina Siregar, Tri Makmur</i>	
147. Determinants of Plumbun Level in Blood among Elementary School Students in Cinangka, Bogor	738
<i>Nissa Noor Annashr, I Made Djaja, Kusharisupeni</i>	
148. Immunization Coverage on Infant in High-Risk Area in Semarang City Indonesia	744
<i>Sutopo Patria Jati, Martini Martini, Syamsulhuda Budi Mustofa, Ayun Sriatmi, Nikie Astorina Yunita Dewanti, Budiyono Budiyono</i>	
149. Qualitative Study: Patients Perception of PITC in Semarang's Hospitals	748
<i>Novia Handayani, Zahroh Shaluhayah, Antono Suryoputro</i>	
150. System Dynamic Model of Leptospirosis Control in Demak, Indonesia, 2014	753
<i>Rr. Anggun P. Djati, Tri Ramadhani, Nova Pramestuti, Dwi Priyanto, Tri Handayani, Tri Edhi Budhi Soesilo</i>	
151. Maternal Height as an Determinant Factors of Children not to be Stunting Until Age 59 Months	765
<i>Salimar, Anies Irawati, Besral</i>	
152. A Community-Based Study on the Association <i>Helicobacter pylori</i> seropositive to upregulate Cyclooxygenase 2 (COX2) Expression	772
<i>Sri Suwarni, Dono Indarto, Bambang Purwanto, Didik Gunawan</i>	
153. Individual Characteristic and Cadmium Level in Blood on Tradisional Metal Foundry Workers	777
<i>Yuliani Setyaningsih, Ari Suwondo, Ahmad Saihu</i>	

154. Pharmacovigilance Study of Antituberculosis Drug Regimens in Adult Patients	782
<i>Yeni Farida, Anggun Nurus Sholikhah, Rasmaya Niruri</i>	
155. Noise Exposure Assessment and Estimated Excess Risk of Cabin Personnel in the Locomotive-CC205	789
<i>Pertiwi Andarani, Icha Desinta, Wiwik Budiawan, Syafrudin Syafrudin, Mochtar Hadiwidodo, Haryono S. Huboyo</i>	
156. Forgiveness Meditation as an Effort in Improving Mental Health among College Students	795
<i>Amalia Rahmandani, Yohanis Franz La Kahija, Salma</i>	
157. Psychometric Measurement of Perceived Stress among Midwives at Primary Health Care Province of Central Java Indonesia	804
<i>Cahya Tri Purnami, Ari Suwondo, Dian Ratna Sawitri, Sri Sumarni, Soeharyo Hadisaputro, Lutfan Lazuardi</i>	
158. Is Nutritional and Socioeconomic Status Related with Tooth Eruption of First Incisive Permanent Mandibular among School and Special Need Students?	810
<i>Diyah Fatmasari, Tri Wiyatini, Betty Saptiwi</i>	
159. Survey of Satisfaction on School Health Unit Service at Elementary School	815
<i>Hermien Nugraheni, Sukini, Aryadiva N.Prayoga</i>	
160. Effectiveness of Disinfectant A and B on the Growth of Bacteria in the Area of Central Surgical Installation of Hospital X in Kudus City	821
<i>Novi Styarningsih, Ari Suwondo, Mateus Sakundarno Adi</i>	
161. Household Food Security and Food Diversity as Risk Factor for Stunting in Toddlers at 24-59 Months of Age	831
<i>Novita Nining Widyaningsih, Kusnandar, Sapja Anantanyu</i>	
162. The Influence of Giving Information and Its Factors Affecting the Knowledge Level of Antibiotics Use in Temanggung Regency	839
<i>Heru Sasongko, Thea Ikmasia Triana Dompas, Yeni Farida</i>	
163. Persuasive Communication in Morning Dialogues Performed by Hospital Health Promotion Officers with Degenerative Diseases Prevention Knowledge (The Case Study at the Patient Checkup in Sultan Agung Islamic Hospital)	843
<i>Besar Tirto Husodo</i>	
164. Oral Health Program for School Children: Dependent or Independent UKGS Program	848
<i>Irma HY Siregar, Endah Aryati Eko Ningtyas, Sukini</i>	
165. Assessing Noise-Exposure and Daily Habits Can Cause Hearing Loss among Ladies Club at Nightclub	853
<i>Kresna Febriyanto, Sri Sunarti, Ghozali, Ferry Fadzlul Rahman</i>	
166. Associated Factors of Latent Tuberculosis among Diabetics in Urban Health Clinics	859
<i>Nur Fatini Hussain, Harmy Mohamed Yusoff, Nurulhuda Mat Hassan, Aniza Abdul Aziz, Mazlinah Muda, Kamilah Mohamed, Rohaiza Abd Kadir</i>	
167. Santri Perception on the Lesbian Gay Biseksual and Transgender Phenomenon a Study in Pondok Pesantren Nurul Mursyd Semarang	867
<i>Priyadi Nugraha Prabamurti, Anies, Bagoes Widjanarko</i>	
168. Factors that Affect the Success of Tuberculosis Therapy in Primary Care: Type of Tb Preliminary Studies	872
<i>Titiek Hidayati, Tri Pitara Mahanggoro, Adelia Rizka Amila, Amien Rais Zarkasih, Noor Aulia Fajriati, Noviana Haryuni, Rika Estri Rahmawati</i>	

169. Mapping of Tuberculosis (TB) Prevalence in Padang City	877
<i>Masrizal, Ade Suzana Eka Putri, Tari Amanda R, Randa Ilham</i>	
170. History of Children and Malnutrition Status in Magetan	882
<i>Kusuma Estu Werdani, Nurul Isnaini, Yuli Kusumawati</i>	
171. Mother's Knowledge, Attitude, and Practice of Exclusive Breastfeeding	887
<i>Rian Diana, Annis Catur Adi</i>	
172. Factors Associated with Cerumen Impaction in the Coastal Elementary Schools (Case Study in 1st Grade of five Elementary Schools, Bandarharjo Health Center's Work Area, in North Semarang)	893
<i>Hafidzoh Najwati, Lintang Dian Saraswati, Muyassaroh</i>	
173. Exploring the Compliance Test for X-ray in Health Facilities Security of Makassar Region	899
<i>Alan Tanjung Aji Prastowo, Yuliani Setyaningsih, Hanifa M. Denny</i>	
174. A Comparative Analysis between Integrated Occupational Safety and Health Management System in a Support Mining Company and the Indonesian Mining Safety Management System	904
<i>Effendi Herman Ratar, Hanifa M. Denny, Mohammad Zen Rahfiludin</i>	
175. The Correlation between Regulation Understanding by Inter-Professional first 1000 days of Life Health Workers and the Acceleration of Toddler Stunting Prevention	911
<i>Annis Catur Adi, Rian Diana, Shrimarti Rukmini Devy, M. Bagus Qomaruddin, Nyoman Anita Damayanti, Nuzulul Kusuma Putri</i>	
176. Cadres Outreach Program to Mothers Improve Nutritional Status of Under Two Year Old Children	917
<i>Martha Irene Kartasurya, Dina Rahayuning Pangestuti, Aditya Kusumawati, Resa Ana Dina, Julia Pertiwi, Doddy Izwardy, Anung Sugihantono</i>	
177. Positive Emotion, Engagement and Meaning of Life of the Elderly in <i>Pesantren</i> (Islamic Boarding School)	923
<i>Dinie R. Desiningrum, Yeniar Indriana, Suparno</i>	
178. Health Professional's Perception toward Impact of Hospital Accreditation on Quality of Care in Asia: A Systematic Review	929
<i>Elisabeth Dewi Agustine, Pujiyanto</i>	
179. The Evaluation of Acute Appendicitis Clinical Pathway	935
<i>Khoirun Nimah, Atik Nurwahyuni</i>	
180. Determinants of the Pornography Exposure Effects on Junior and Senior High School Adolescence in Sanggau District, West Kalimantan	941
<i>Linda Suwarni, Abrori, Ronny Widyanto</i>	
181. Psychoeducation <i>Dzikr</i> Reduces Perceived Stress and Postpartum Depression Syndromes on Primiparous Women	946
<i>Sri Wahyuni, Anies, Ariawan Soejoenoes, Suhartono Taat Putra</i>	
182. Reduction Sugar of Tuber Paste Flour Additional α -Amylase from <i>Lc. mesenteroides</i> EN17-11 and <i>Fr. fructosus</i> EN17-20 to Protect People from Diabetes Mellitus	952
<i>Tatik Khusniati, Septhavia Megava, Mellova Amir, Susi Nurhayati, Tri Aminingsih, Sulistiani</i>	
183. The Impact of Counseling on the Improvement of Nutritional Knowledge and Physical Activities on Women Prisoners (A Study at Women Penitentiary Institution Class II A Semarang)	958
<i>Mohammad Zen Rahfiludin, Dina Rahayuning Pangestuti, Siti Fatimah, Suroto</i>	

184. Challenges of Universal Access: Health Promotion Strategy on Pillar of Open Defecation Free in Tirta Village, Pekalongan, Central Java, Indonesia	963
<i>Yulis Indriyani, Yogi Yunanto, Henry Djohnson, Rachmat Hargono</i>	
185. Understanding HIV/AIDS Perception Using Health Belief Model of Female Sex Workers with HIV/AIDS	971
<i>Ratu Matahari, Fitriana Putri Utami</i>	
186. The Characteristic of Several Infant Mortality Risk Factors in Batang District	976
<i>Rr. Vita nur Latif, Nor Istiqomah, Dwi Edi Wibowo</i>	
187. Selection of Birth Attendent of Labor in The Village Pelangiran Inhil District	981
<i>Yessi Harnani, Hetty Ismainar, Nurvi Susanti, Zulmeliza Rasyid, Sri Kurnia</i>	
188. Community Behavior towards Filariasis Mass Drug Administration in Tegaldowo Village, Pekalongan District, Indonesia	988
<i>Praba Ginandjar, Lintang Dian Saraswati, Bagoes Widjanarko, Soeharyo Hadisaputro</i>	
189. MATES (Macaron Dates) as an Alternative Supplementary Food for Undernourished Toddler	993
<i>Stefania Widya Setyaningtyas, Adhelia Niantara Putri, Nandia F. Dhorta, Brilliance Faresta</i>	
190. Differences of Family Support and Iron Tablets Consumed Post Pregnant Women Classes and Midwives Counseling	999
<i>Tuti Surtimanah, Evi Noviyanti, Mira Meliyanti</i>	
191. Effective Communication Methods for Increase Mothers Intention to Inspection Visual Acetic Acid Test	1007
<i>Wulan Eka, Tuti Surtimanah, Yeti Hernawati</i>	
192. Depression Associated with Quality of Life in People with Paraplegia	1012
<i>Marsella Martha Robot, The Maria Meiwati Widagdo, Rizaldy Pinzon, Mitra Andini Sigilipoe</i>	
193. Pie Formula Biscuit Flour and Soy Protein Isolate as Alternative of High Protein Snack for Toddler ..	1017
<i>Mahmud Aditya Rifqi, Mufidah Ahmad, Irohathul Aila, Fikriyah Alaiyu</i>	
194. Misclassification of Nutrition Status among Elderly Based on Combination of Stature Predictor	1022
<i>Julia Pertiwi, Martha Irene Kartasurya, Djoko Tri Hadi Lukmono, Henry Setyawan, Martini</i>	
195. Is the <i>Maternal and Child Health Handbook</i> a Source of Information for Maternal and Child Health Continuum of Care?	1027
<i>Keiko Osaki, Martha Irene Kartasurya</i>	
196. The Effectiveness of Training and Mentoring Activities to Improve Cadre Performance in Child Growth Monitoring (CGM)	1032
<i>Suyatno, Martha Irene Kartasurya</i>	
197. Socio-economic Status of Families as Predictors of Stunting Phenomenon among Elementary School Students at Semarang City, Central Java, Indonesia	1039
<i>Suyatno</i>	
198. Analysis of Physical Environment of the House as a Workplace for work-Related Complaints on the Shoe Industry Home Workers in Semarang Regency	1045
<i>Sulistiyani, Yuliani Setyaningsih, Qoni Mulia Sagita</i>	
199. Pain, Hyperuricemia (Uric Acid), and Elderly Insomnia	1049
<i>Yulianto, Yufi Aris Lestari, Puteri Indah Dwipayanti, Dewi Nur 'aeni, Erik Toga, Muh Sajidin, Lutfi Wahyuni</i>	

Post Marital Depression among Women

Vidyadhari Pedaprolu¹, Priya. M²

¹Research Scholar, ²Assistant Professor, Department of Human Development, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu

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. ^[1]

Marriage is 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. ^[1]

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.”^[2]

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. ^[3]

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

Sun Ok Lee¹, Hee Kyung Kim², Jung Suk Park³

¹Associate Professor, Department of Nursing, Silla University, Busan, South Korea; ²Professor, Department of Nursing, Kongju National University, Gongju, South Korea; ³Professor, College of Nursing, Kosin University, Busan, South Korea

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.¹ 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 job² and this is not only an important indicator in predicting organizational performance.³ In particular, it was reported that higher job compensation, which is directly related to job performance, is associated with higher job satisfaction.⁴ In a previous study of hospital

Corresponding Author:

Hee Kyung Kim
Professor, Department of Nursing,
Kongju National University, Gongju, South Korea
Email: hkkim@kongju.ac.kr

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

Rabiu Muazu Musa², Mohamad Razali Abdullah^{1,2}, Hafizan Juahir¹, Vijayamurugan Eswaramoorthi³, Norzulaika Alias³, Muhammad Rabani Hashim², Amr Salem Falah Alnamat²

¹Lecturer, East Coast Environmental Research Institute, Universiti Sultan Zainal Abidin, Gong Badak Campus, 21300 Kuala Terengganu, Terengganu, Malaysia; ²Lecturer, Faculty of Applied Social Sciences, Universiti Sultan Zainal Abidin, Gong Badak Campus, 21300 Kuala Terengganu, Terengganu, Malaysia;

³Lecturer, Faculty of Health Sciences, Universiti Sultan Zainal Abidin, Gong Badak Campus, 21300 Kuala Terengganu, Terengganu, Malaysia

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 personality¹. 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)²⁻⁵. 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^{4,6}.

Preceding researchers documented that personality types could play a role in sporting performance⁷. 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 anger⁸. Although, it was reported that there is no direct relationship between personality types and being successful in sporting performance⁹. An investigation of the effect of psychoticism personality trait on shooting accuracy in rifle shooter presented some variations¹⁰⁻¹¹. Other researchers examined the influence of personality and anxiety with a number of requests when learning to putt in golf¹².

Corresponding Author:

Hafizan Juahir
Lecturer, East Coast Environmental Research Institute,
Universiti Sultan Zainal Abidin,
Gong Badak Campus, 21300
Kuala Terengganu, Terengganu, Malaysia
Email: hafizanj@gmail.com

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

Keiko Osaki¹, Martha Irene Kartasurya²

¹Senior Advisor on Health, Japan International Cooperation Agency, Tokyo; ²Department of Public Health Nutrition, Faculty of Public Health, Diponegoro University, Semarang, Indonesia

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.^{1,2} 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.^{3,4} HBRs are potential tools for sharing information with relevant health

personnel and caregivers, and tracking individuals' health trajectories,³ as long as they are used conscientiously.^{4,5}

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."³ 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.³

Corresponding Author:

Keiko Osaki
Senior Advisor on Health,
Japan International Cooperation Agency, Tokyo
Email: osaki.keiko@jica.go.jp