



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 till date. Publisher: R.K.

Sharma, Institute of Medico-Legal Publications ISSN:0976-

0245E-ISSN:0976-5506 Subject area: Medicine: Public Health,

Environmental and Occupational Health

CiteScore 2015- 0.02

SJR 2015- 0.105

SNIP 2015- 0.034



Website:

www.ijphrd.com

75. Sexually Transmitted Viral Infections Involving the Genitalia among Females in Nassiryia; a Clinical & Histopathological Study	378
<i>Hadaf A Aljunaiyeh, Maytham Talib</i>	
76. Factors Associated to Infant Vaccination in Madurese, Indonesia	385
<i>Esti Yunitasari, Aria Aulia Nastiti, Wini Damayanti Hasan, Ah Yusuf, Heru Santoso Wahito Nugroho</i>	
77. Assessment Potential of Families Increasing Ability to Care for Schizophrenia Post Restrain at East Java, Indonesia	390
<i>Muhammad Suhron, Ah Yusuf, Rika Subarniati</i>	
78. Diagnosis of HCV Infection in Renal Chronic infection Patients by using ELSA and RT- PCR in Tikrit City	396
<i>Hala Mohammed Majeed</i>	
79. Role of vitamin C as Antioxidant in Psoriasis Patients Treated with NB-UVB Phototherapy	402
<i>Sami R. Al-Katib, Hadi A.AL-Wakeel, Riyam F.AL-Rawaf</i>	
80. Analysis of the Stressor and Coping Strategies of Adolescents with Dysmenorrhoea	408
<i>Nursalam Nursalam, Devi Wahyu Dwi Oktaviani, Ni Ketut Alit Armini, Ferry Efendi</i>	
81. Cranial CT Scan and Sonographic Finding in Term and Preterm Newborn	414
<i>Kassim Amir Hadi Taj-aldean, Adnan Handhil Aljawdhari, Ahmed Sabah AbdulKhudhur</i>	
82. Xilem <i>Pinus merkusii</i> as Martapura River Water Biofilter	419
<i>Ratih Dewi Dwiyaniti, Leka Lutpiatina</i>	
83. Factors Influencing Health Conservation of Middle-aged Men in Korea	425
<i>Hee Kyung Kim</i>	
84. Micro Oxidation Sterilization by Non-Thermal Plasma Technology	432
<i>Jamal Hussaini, Siti Nur Hidayah Bt Muhammad, Noor Masyitah Jumahat, Navindra Kumari Palanisamy, Farzana Y, Najnin A, Nazmul MHM</i>	
86. Practical and Simple Method in Measurement of Forearm Muscle Fatigue in Computer Operator	436
<i>Hendrik, Yonathan Ramba, Arpandjam'an, M. Nurdin T., Gaurav Kapoor, Heru Santoso Wahito Nugroho</i>	
87. Knowledge of Antenatal Mothers Admitted in King Abdul-Aziz Medical City (KAMC), Riyadh Regarding Therapeutic Benefits of Post-Natal Exercises	440
<i>Jobby George, Meshal Ibrahim A Alnafjan, Mufleh Saeed H Alshahrani, Rakan Khaled M Alsuqali, Zamil Abdullah Z Alsubaie</i>	
88. The Effect of Physical Activity (Endurance and Strength) and Sleep Management on BMI and Body Fat Children Overweight in Makassar City	444
<i>Jamil Anshory, Hardinsyah, Ikeu Tanziha, Adam Mappaompo, Nur Miftahul Jhanna Nasrah</i>	
89. Occupational Health and Safety Risk Assessment in Chrome Production	450
<i>Laura Sakebayeva, Gulsim Karashova, Galya Kuspangaliyeva, Kulyan Shayakhmetova, Dina Yegizbayeva, Asem Ktabaliyeva, Ainur Zinaliyeva</i>	
90. Food Stalls Ownership and Its Contribution on Body Mass Index and the Risk of Cardiovascular Disease in Cooker Profession	456
<i>Novita Medyati, Ridwan Amiruddin, Syamsiar Russeng, Stang Abdul Rahman</i>	

Assessment Potential of Families Increasing Ability to Care for Schizophrenia Post Restrain at East Java, Indonesia

Muhammad Suhron¹, Ah Yusuf², Rika Subarniati³

¹Department of Public Health, Faculty of Public Health, ²Department of Nursing, Faculty of Nursing,
³Department of Public Health, Faculty of Public Health, University of Airlangga. Indonesia

ABSTRACT

After the life of the schizophrenia, post-Restrain is a person who has been free from restraining, but the burden on the client family schizophrenia post-Restrain has not been said to end the role in family factors and local cultural values.

The Aim of this research is to Assessment Potential of Families increasing ability to care for schizophrenia post-restraint. This study was an observational study with cross-sectional approach. Exogenous variables are the cultural value and the potential of the family, the endogenous variable is the ability to care for schizophrenia post-restraint. The population was 157 families, the study sample using cluster sampling method, using a questionnaire study. The analysis used is descriptive analysis and structural testing of the model with Structural Equation Model AMOS.

The result of this study Potential families increased the ability to care for schizophrenia post-restraint, family and cultural values do not increase the family's ability to care for schizophrenia post-restraint directly but must go through a potential family. The influence of a strong family culture values indirectly affects the family's ability to care for schizophrenia post restraint. Cultural values and the potential for family care for schizophrenia post-restrain families increased. Cultural values can increase the potential of the family thus increasing the family's ability to care for schizophrenia post restraint.

Keywords: *Potential Family, Caring, schizophrenia, restrain, SEM*

INTRODUCTION

The family is the basic unit of community services and primary caretakers of family members. Families have the experience, especially in determining how the care needed by family members¹. One role of the family has the same properties as a member of the family role that knows the situation of family members. That situation applies to the role of families who have family members with mental illness².

Schizophrenia is a severe mental illness affecting (0.3%-0.7%) of the population worldwide,

Characterized by three domains of psychopathology, Including the negative symptoms (social withdrawal, lack of motivation and emotional reactivity), positive symptoms (hallucinations, delusions) and cognitive deficits (working memory, executive attention function). It is Considered a leading cause of disability^{3,4}. Based on the results of Health Research (Risikesdas) Ministry of Health in 2013, the prevalence of the mental-emotional disorder is indicated by symptoms of depression and anxiety for ages 15 and overreached around 14 million people, or (6%) of Indonesia's population⁵. While the prevalence of severe mental disorders, such as Schizophrenia about 400,000 people, or about 1.7 per 1,000 population. While in East Java, as many as 728 people with schizophrenia post-restraint⁶.

The family cares about the development of post restrain schizophrenia, but most of them choose to

Corresponding Author :

Muhammad suhron

University of Airlangga. Indonesia

E-mail: dsuhron@yahoo.co.id

not respond to the condition of psychiatric patients⁷. Significantly indicated resources to that experiential avoidance mediated the relationship between each of the four Recognized patterns of gender role conflict⁸.

The stigma of mental illness is a multi-faceted phenomenon requiring an understanding from the perspectives of the general public, healthcare providers, persons with mental illness, and their family members⁹. This phenomenon may assume various forms, from the limitations in interpersonal relations, through narrowing Reviews These relations to only some circumstances While the role of informal family, among others, as the originator, negotiator, barriers, ruler, crooks, followers, admission seekers, family caregivers, pioneer family, bullies, coordinator of the family, and the audience^{10,11,13}. The intent was to help clinicians and Researchers identify individuals Suffering from the disorder and

Facilitate assessments of severity, comorbidity, and prognosis as well as treatment options. Cultural value and potential of family members in the family take to care of patients^{12,14,15}.

MATERIAL AND METHOD

The study design was observational with cross-sectional use. Cluster sampling was used to recruit participants from six districts in East Java. studies conducted by taking a relatively short specific time and place. The participants included 157 families with a family member who has a mental illness in East Java. The inclusion criteria were the decision-makers, Age 17 years, caring for the mentally ill, the family Treaty. sampling method using cluster sampling technique. The analysis used is descriptive analysis and structural testing of the model with Structural Equation Model (SEM) AMOS.

FINDINGS

Tabel 1 shows Participant characteristics,

Tabel 1 The Characteristic Of Family Caregivers N (157)

Characteristic Of Family Caregivers N (157)	N = %
Gender	
Male	45 (29)
Female	112 (71)
Age (M)	
Caregivers	27,40 years
Living in one house	27,43 years
Marital status	
Divorced/never married/widowed	67 (43)
Married	90 (57)
Duration of illness (M)	3,4 years
Employment	
Full time/part time	109 (69)
Unemployed/retired/student	48 (31)
Education	
Illiterate	45 (29)
Primary	84 (54)
Secondary	4 (3)
High school diploma	22 (14)
College	2 (1)

Cont... Tabel 1 The Characteristic Of Family Caregivers N (157)

Residence	
Urban	31 (20)
Rural	126 (80)
Relationship: caregiver is patient's	
Spouse	34 (22)
Parent	77 (49)
Child	12 (8)
Sibling	34 (22)

Table 2. Causality Associated

Causality Associated	r	T	Cronbach's alpha	Significant
Potential Family				
Family Functions	.746		.84-.88	Significant
Stress Family	.704		.82-.89	Significant
Family Structure	.803		.89-.98	Significant
Stigma	.863		.82-.85	Significant
Culture Value				
Tolerance	.767		.83-.87	Significant
Volunteer	.748		.85-.88	Significant
Ability care				
Care	.655		.79-.87	Significant
Decision	.607		.87-.88	Significant
Identification	.600		.88-.92	Significant
Modification	.723		.89-.91	Significant
(X1) cultural values (Y1) → potential family	.600	5.36		Significant
(X1) cultural value (Y2) → The ability to care	.259	1.77		No Significant
(Y1) potential family (Y2) → ability to care for	.515	3.12		significant
Direct Effect Line	Immediately Effect Value			
(X1) cultural values (Y2) → Ability to care	(X1) Cultural values → (Y1) Potential Family → (Y2) ability to Care = .59 x .50 = .30			

Note. r = Correlation; T = T value

The results showed the cultural values affect the role of the family, the role of the family affects the ability to care for and the potential effect on the ability of families to take care of the results of the analysis with the software for. The Structural Equation Model (SEM) AMOS can be seen in (Table 2). Based on the results in Table 2 note that the exogenous variables affect significantly

to endogenous variables, except cultural variables with variable ability to treat significant. indicators of potential family, coping strategies and indicators of treatment the ability to utilize health services are not good enough to build an endogenous variable. Table 2 illustrates that cultural values affect the ability to maintain direct stronger than cultural values affect the ability to take

care of automatically mean that the cultural value through the potential for more family greatly affect the ability of the family in care of. cultural values affect the ability to maintain direct stronger than cultural values affect the ability to take care of automatically mean that the cultural value through the potential for more family greatly affect the family's ability to care for

DISCUSSION

Cultural values Reviews These are of immediate relevance for the regulation of the behavior of individuals in their direct community environment. The research proves that the empowerment of families has a significant impact on family coping to help people, especially schizophrenia, post-restraint. Family empowerment can be used to solve the psychological problems of the family. the socio-cultural family is an open system as a means to meet the needs of caring for^{18,19}.

Indicator stigma can also be explained by cultural values. Reviews. Families who have family members with schizophrenia post restrain embarrassed by the bizarre condition. It is also consistent with research, post restrain schizophrenia are often treated inappropriately by the family and society. Stereotype endorsement, discrimination experiences and social withdrawal differentially Also related to symptoms and social functioning^{20,21,22}.

Cultural values encourage the formation of family potential as a form of internal factors are derived from the family itself. Family caregivers of care recipients with chronic illnesses. Understanding what African American women who are family caregivers value are important, and giving them an opportunity to judge Reviews their Quality of Life may be empowering^{25,33}. Families affected by the potential of cultural values. So the potential for a family becomes a major factor in improving the ability to treat schizophrenia, post-restraint. So the ability to treat schizophrenia post must restrain indirectly through potential families affected by cultural values^{26,27}.

Based on the research found that the indicators show a problem, decision-making, maintenance, modification, and utilize health services are very good in forming the ability to care for the client. on the results of this study also found that the ability to treat schizophrenia post restrain in recognizing the problem stems almost all clients have good skills. While the decision found that almost all of

the clients have good skills²⁸. While the indicators of environmental modification find most clients have skill was good, but less health care utilization indicators. it is in line with the results:

The results showed that the participation of the family has a good impact on patient care. The impact of, among other things, improve the independence of patients, optimization role in society, and enhance problem-solving skills³⁰.

Based on the explanation of the above results it can be concluded that there is a cultural influence on the potential value of the family and there is the potential ability to treat schizophrenia families post-restrain.

CONCLUSIONS

In Summary, Cultural Values that can either create a potential family for the better. Cultural values necessary to increase the potential of the family. Tolerance among family members and volunteers have a significant influence in shaping the stigma in the family, family structure, family functioning, family coping strategies. Potential directly affect the family's ability to care for psychiatric patients post-holding. So that the potential of the family becomes a major factor in improving the ability to care for psychiatric patients post-hold in knowing the problems, decision-making, treating clients sick, modifications to the environment but to the utilization of health service indicator is not significant in shaping the ability to improve care for schizophrenia post restraint, Cultural values of good family could not be sure will make the ability to care for patients post withstand life for the better. Family culture values will affect the ability to care for psychiatric patients post-hold in East Java if through a potential family. Cultural values that can increase the potential of the family thus increasing the post-treatment restrain psychiatric patients.

Conflict of Interest: The Author (s) declare that they have no conflict of interest

Source of Funding: Others source,

Ethical Clearance: This study was approved by the institutional review board of Menur Mental hospital Surabaya (No.423.4/4149/305/2016). The research received a certificate from the hospital ethical permission.

REFERENCES

- Rofail, D., Regnault, A., Scouiller, LS., Lambert, J & Zarit, HS. Assessing the impact on caregivers of Patients with schizophrenia: psychometric validation of the Schizophrenia Caregiver Questionnaire (SCQ). *BMC Psych.* 2016;16:245.
- Kardorff, VE., Soltaninejad, A., Kamali M & Shahrabaki, EM.. Family caregiver burden in mental illnesses: The case of affective disorders and schizophrenia - a qualitative exploratory study. *Nord J of Psych.* 2015;1502:4725.
- Rofail, D., Acquadro, C., Izquierdo, C., Regnault, A & Zarit, HS.. Cross-cultural adaptation of the Schizophrenia Caregiver Questionnaire (SCQ) and the Caregiver Global Impression (CaGI) Scales in 11 languages. *Health and Qual of Life Out.* 2015;13:76.
- Saxena, S., Funk, M., & Chisholm, D.. World Health Assembly adopts a comprehensive mental health action plan 2013 -2020. *The Lancet.* 2013;381:1970-1971.
- Cabral, L., Duarte, J., & Ferreira, M.. Anxiety, stress and depression in family caregivers of mental illness. *Aten Prim.* 2014;46(5):176-179.
- Health Research (Riskesmas). Agency for Health Research and Development Ministry of the Republic of Indonesia in 2013. Retrieved from: <http://www.labdata.litbang.depkes.go.id/riset-badan-litbangkes/menu-riskesmas/menu-riskesmas/374-rkd-2013.pdf>. 2013;34
- Hernandez, M., Barrio, C.. Perceptions of Subjective Burden Among Latino Families Caring for a Loved One with Schizophrenia. *Comm Ment Health J.* 2015;51(8):939-48.
- Spendelow, J. S & Joubert, H. E.. Does Experiential Avoidance Mediate the Relationship Between Gender Role Conflict and Psychological Distress?. *Amer J of Men's Health.* 2017;52:172-177
- Wong, Y. L. I., Kong, D., Tu, L & Frasso, R. My bitterness is deeper than the ocean: understanding internalized stigma from the perspectives of persons with schizophrenia and their family caregivers. *Int J of Men Health Syst.* 2018;12:14.
- Dziwota, E., Stepulak, M. Z., Włoszczak-Szubda, A & Olajossy, M. Social functioning and the quality of life of Patients Diagnosed with schizophrenia. *Annals of Agril and Envirt Med.* 2018;25(1):50-55.
- Suhron, M. Effect on family psychoeducation family ability in treating people with mental disorders (ODGJ) deprived (Pasung). *J of App Sci and Research.* 2017;(1):41-51. Retrieved from: <http://www.scientiaresearchlibrary.com/archive-abs.php?arc=507>
- Weymouth, B. B & Buehler, C. Early adolescents' relationships with parents, teachers, and peers and increases in social anxiety symptoms. *J of Fam Psych.* 2018;3:23-27
- Paterson, C., Karatzias, T., Dickson, A., Harper, S., Dougall, N & Hutton, P. Psychological therapy for acute inpatients receiving mental health care: A systematic review and meta-analysis of controlled trials. *British J of Clin Psych.* 2018;34:123-126
- Pedersen, AF., Ingeman, ML & Vedsted, P.. Empathy, burn-out and the use of gut feeling: a cross-sectional survey of Danish general practitioners. *BMJ Open.* 2018;8(2):e020007.
- Lewis-Fernández, R. & Aggarwal, K.. Culture and Psychiatric Diagnosis. *Advances in psych Med.* 2013;33:15-30.
- Akkuş, B., Postmes, T & Stroebe, K.. Community Collectivism: A Social Dynamic Approach To Conceptualizing Culture. *PLoS One.* 2017;12(9):e0185725.
- Ebrahimi, H., Seyedfatemi, N., Namdar, A. H., Ranjbar, F., Thornicroft, G., Whitehead, B & Rahmani, F. Barriers to Family Caregivers' Coping With Patients With Severe Mental Illness in Iran. *Qual Health Resrch.* 2018;28(6):987-1001.
- Jun, SY. The Mediating Effect of Social Capital on the Relationship between Public Health Managers' Transformational Leadership and Public Health Nurses' Organizational Empowerment in Korea Public Health. *Asian Nurs Resrch.* 2017;11(4):246-252.
- Maiocco, S., Shelley, E., Salmond, S., Jewel, S. T., Caldwell, B & Lieggi, M.. Living With Schizophrenia : A Systematic Review Protocol. *Jbi Database Of Systematic Reviews And Implementation Report.* 2017;15(6):1575-1584.
- Li, J., Huang, YG., Ran, MS., Fan, Y., Chen, W., Evans-lacko, S & Thornicroft, G.. Community-based comprehensive intervention for people with

- schizophrenia in Guangzhou, China: effects on clinical symptoms, social functioning, internalized stigma and discrimination. *Asian J of Psych*. 2018;34:21-30.
21. Khoirunnisa, M. L., Syuhaimie, H. A. Y., Catharina, D. Family Experiences In Communicating With Family Members Experiencing Social Isolation After Hospitalization. *J Enf Clin*, 2018;1:116-121.
 22. Firmin, RL., Lysaker, PH., Luther, L., Yanos, PT., Leonhardt, B., Breier, A & Vohs, J. L.. Internalized stigma in adults with early phase versus prolonged psychosis. *Erly inter in psych*. 2018; 1-7.
 23. Zhu, K., Wang, X., Liu, J., Tang, J., Cheng, Q., Chen, JG & Cheng, ZM.. The Grapevine Kinome : Annotation , Classification And Expression Patterns In Developmental Processes And Stress Responses. *Hor Resrch*. 2018;5:19.
 24. Hachtel, H., Harries, C., Luebbers, S & Ogloff, JR.. Violent Offending In Schizophrenia Spectrum Disorders Preceding And Following Diagnosis. *The Aust and N Ze J of psych*, 2018;2:4867418763103.
 25. Starks, SA., Outlaw, F., Graff, JC., Likes, W., White-Means, S., Melaro, L & Wicks, MN.. Quality of Life and African American Women Who are Family Caregivers : A Literature Review with Implications for Psychiatric Mental Health Advanced Practice Registered Nurses. *Issues in Ment Health Nurs*. 2018;1-15.
 26. Lincoln, B, et al.. President ' s Message Family Care & Caring Based on Family Belief Systems Theory. *J of trans nur : Official J of the Tranc Nurs Society*, 2018;29(3):308.
 27. Sturgiss, E. A., Elmitt, N., Haelser, E., Van Wheel, C & Douglas, KA.. Role of the family doctor in the management of adults with obesity : a scoping review. *BMJ Open*. 2018;8(2):e019367.
 28. Carter, G., McLaughlin, D., Kernohan, WG., Hudson, P., Clarke, M., Froggatt, K., Passmore, P & Brazil, K.. The experiences and preparedness of family carers for best interest decision-making of a relative living with advanced dementia: A qualitative study. *J Of Advanced Nurs*. 2018;23:67-69
 29. Tran, NK., van Berkel, SR., van Ijzendoorn, MH & Alink, L. RA.. Child and Family Factors Associated With Child Maltreatment in Vietnam. *J Of Inter Viol*. 2018;886260518767914.
 30. Tristiana, D., Yusuf, Ah., Fitriyasaki, R., Wahyuni, DS & Nihayati, EH.. Perceived barriers on mental health services by the family of patients with mental illness. *Inter J of Nurs Scie*, 2018;5(1):63-67.
 31. Li, X., Wu, J., Liu, J., Li, K., Wang, F., Sun, X & Ma, S. 2015. The influence of marital status on the social dysfunction of schizophrenia patients in community. *Inter J of Nurs Sci*, 2(2): 149-152.
 32. Chiu, E. C & Lee, S. C. 2017. Factor Structure of the Quality of Life Scale for Mental Disorders in Patients With Schizophrenia. *The J of Nurs Research : JNR*, 0(0):1-6.
 33. Lin, S. P., Liu, C. Y & Yang, C. 2017. Relationship Between Lifestyles That Promote Health and Quality of Life in Patients With Chronic Schizophrenia : A Cross-Sectional Study. *The J of Nurs Resrch : JNR* , 1682-3141.
 34. Huang, C. H., Li, S. M & Shu, B. C. 2015. Exploring the Relationship Between Illness Perceptions and Negative Emotions in Relatives of People With Schizophrenia Within the Context of an Affiliate Stigma Model. *The J of Nurs Research : JNR*, 24(3):217-223. Chang, C.C., Su, J. A & Lin, C. Y. (2016). Using the Affiliate Stigma Scale with caregivers of people with dementia : psychometric evaluation. *Alz's Resrch & Therapy*, 8(1):45.