



Effectiveness of the four- factor Model of Mindfulness and Self-Compassion training on Life satisfaction and Resilience of Elderly Women

Jahan Sadat. Asadi Bijaeyeh ^{©*1}
<u>Mojtaba. AmiriMajd</u> ^{©²}
Mohammad. Ghamari ^{©³}
Ghorban. Fathi Aghdam ^{©⁴}

- 1. Ph. D student of Counseling Department, Abhar Branch, Islamic Azad University, Abhar, Iran.
- 2. Associate Professor, Department of Psychology, Abhar Branch, Islamic Azad University, Abhar, Iran.
- 3. Associate Professor of Counseling Department, Abhar Branch, Islamic Azad University, Abhar, Iran.
- 4. Assistant Professor, Counseling Department, Abhar Branch, Islamic Azad University, Abhar, Iran.

Journal of Applied Family Therapy

eISSN: 2717-2430 http://Aftj.ir

Vol. 3, No. 1, Pp: 118-122 Spring 2022

Original research article

How to Cite This Article:

Asadi Bijaeyeh, J S., AmiriMajd, M., Ghamari, M & Fathi Aghdam, GH. (2022). Effectiveness of the four- factor Model of Mindfulness and Self-Compassion training on Life satisfaction and Resilience of Elderly Women, *aftj*, 3(1): 118-122.



© 2022 by the authors. Licensee Iranian Association of Women's Studies, Tehran, Iran. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution-NonCommercial 4.0 International (CC BY-NC 4.0 license) (http://creativecommons.org/licenses/by-nc/4.0/)

Email: amirimajd@abhariau.ac.ir Received: 01.09.2021 Acceptance: 02.03.2022

Abstract

Aim: The purpose of the study was survey of Effectiveness of the Four -Factor Model of Mindfulness and Self-Compassion training on Life Satisfaction and Resilience of Elderly Women. Methods: method was semi-experimental with pre-test, post-test design with control and followup groups. The statistical population consisted of 473 elderly women who were residents in Guilan province in nursing homes in 2020. A sample of 45 individuals were selected by purposeful sampling method according to inclusion and exclusion creteria and were randomly divided into three groups, respectively Mindfulness Experimental Group (15 participants), Self-Compassion (15 participants) and Control Group (15 participants). For first experimental group, 8 sessions of Kabat – zinn's (1991) mindfulness training and for the other experimental group, 8 sessions of Gilbert's (2015) self-compassion training were performed (one session in a week and 2 Hours per-session). There was no intervention in the control group. Participants were evaluated in three groups at pre-test, post-test and follow-up stages using Diner et al's Life Satisfaction Questionnaire. And Conner & David Son's Resilience Questionnaire. Repeated measures analysis of variance was used to analyze the data. Results: The results showed that the 4-factor model of mindfulness and self-compassion improved the life satisfaction and resilience of older women in the posttest (p <0.05), and this effect was permanent in the follow-up phase (p <0.05). **Conclusion:** Therefore, this intervention can be used effectively as part of therapeutic interventions in nursing homes.

Keywords: Mindfulness; Self - Compassion; Life Satisfaction; Resilience; Elderly

References

- Alidai, S., & Ebrahimi Moghadam, H. (2013). Examining the importance of hope and individual well-being in the life satisfaction of the elderly in Tehran. *Culture and Counseling Therapy*, *5*(17): 116-130 (Persian).
- Andalib Korim, M., & Mahmoudinia, S. (2021). Quality of life in the elderly: the role of resilience and mindfulness. *Psychology of Aging*, 7(2): 167-179 (Persian).
- Arshi, M., Deliriyan, Sh., Iglima, M., & Shirin Bayan, P. (2014). Clinical trial of the effect of the group work model with its therapeutic approach on the life of the elderly living in Asgah. *Salamand: Iranian Journal of Geriatrics*, 4(10): 174-181 (Persian).
- Aydin Sünbül Z, Yerin Güneri O. (2019). The relationship between mindfulness and resilience: The mediating role of self compassion and emotion regulation in a sample of underprivileged Turkish adolescents. *Personality and Individual Differences*. 139:337-42.
- Baer RA, Smith GT, Hopkins J, Krietemeyer J, Toney L. (2006). Using Self-Report Assessment Methods to Explore Facets of Mindfulness. *Assessment*. 13(1):27-45.
- Baharundi, B., Kazemian Moghadam, K., & Harun Rashidi, H. (2019). The effectiveness of therapy on compassion, tolerance, ambiguity tolerance and death health in the elderly. *Psychology of Aging*, 6(1): 13-26 (Persian).
- Bajaj B, Pande N. (2016). Mediating role of resilience in the impact of mindfulness on life satisfaction and affect as indices of subjective well-being. *Personality and Individual Differences*. 93:63-7.
- Baker DA, Caswell HL, Eccles FJR. (2019). Self-compassion and depression, anxiety, and resilience in adults with epilepsy. *Epilepsy & Behavior*. 90:154-61.
- Bao X, Xue S, Kong F. (2015). Dispositional mindfulness and perceived stress: The role of emotional intelligence. *Personality and Individual Differences*. 78:48-52.
- Chen P-L. (2021). Comparison of psychological capital, self-compassion, and mental health between with overseas Chinese students and Taiwanese students in the Taiwan. *Personality and Individual Differences*. 183:111131.
- Chu L-C. (2010). The benefits of meditation vis-à-vis emotional intelligence, perceived stress and negative mental health. *Stress and Health*. 26(2):169-80.
- Clauss-Ehlers CS. (2008). Sociocultural factors, resilience, and coping: Support for a culturally sensitive measure of resilience. *Journal of Applied Developmental Psychology*. 29(3):197-212.
- Connor KM, Davidson JRT. (2003). Development of a new resilience scale: The Connor-Davidson Resilience Scale (CD-RISC). *Depression and Anxiety*. 18(2):76-82
- Dehghan, K., Shariatmadar, A., & Kalanter Hormazi, A. (2014). The effectiveness of life review therapy on the health and life satisfaction of elderly women living in Tehran. *Culture and Counseling Therapy*, 6(22): 15-39 (Persian).
- Diener E, Emmons RA, Larsen RJ, Griffin S. (1985). The Satisfaction With Life Scale. *Journal of Personality Assessment.* 49(1):71-5.
- Eshaghi, L., Nik Rahan, Ghar R. (2017). The effectiveness of Lyubomirski happiness training on mental health, life satisfaction, hope and happiness in women of Shahreza nursing home. *Gerontology 3* (1): 54-45 (Persian).
- Farrokhzadian, A., & Mirdrikund, F. (2016). The effectiveness of self-compassion therapy on increasing and decreasing psychological well-being in the elderly. *Psychology of Aging*, *3*(4): 302-293 (Persian).

- Faruzandeh, Z., Mami, Sh., Amani, A. (2019). The effectiveness of Frankel's group therapy on resilience, depression and quality of life of the elderly. *Gerontology*, 5(1): 19-29 (Persian).
- Gard T, Brach N, Hölzel BK, Noggle JJ, Conboy LA, Lazar SW. (2012). Effects of a yoga-based intervention for young adults on quality of life and perceived stress: The potential mediating roles of mindfulness and self-compassion. *The Journal of Positive Psychology*. 7(3):165-75.
- Gilbert, P. (2018). *Treating problems with compassion. Translated by Mehrnooshi Nafahan and Ali Faizi*, Tehran: Ibn Sina Publications (publishing the work in the original language, 2015) (Persian).
- Grossman P, Niemann L, Schmidt S, Walach H. (2004). Mindfulness-based stress reduction and health benefits: A meta-analysis. *Journal of Psychosomatic Research*. 57(1):35-43.
- Haroun Rashidi, H., & Zakizadeh, H. (2021). The effectiveness of cognitive therapy for mindfulness on social adjustment and psychological distortions of healthy men. *Psychology of Aging*, 8(2): 105-117 (Persian).
- Homan KJ. (2016). Self-Compassion and Psychological Well-Being in Older Adults. Journal of Adult Development. 23(2):111-9.
- Jamalzadeh, R., & Golzari, M. (2013). The effectiveness of hope therapy in increasing happiness and life satisfaction in healthy women located in the elderly center of Borujen city. *Women and Society Scientific-Research Quarterly*, *5*(18): 31-48 (Persian).
- Jha A, Stanley EA, Kiyonaga A, Wong L, Gelfand L. (2010). Examining the protective effects of mindfulness training on working memory capacity and affective experience. Emotion. 10 1:54-64.
- Kabat-Zinn J, (1991). Clinic UoMMCWSR. Full Catastrophe Living: Using the Wisdom of Your Body and Mind to Face Stress, Pain, and Illness: Delta Trade Paperbacks
- Kabiri Nasab, Y., & Abdullahzadeh, H. (2016). The effect of mindfulness training for acceptance and acceptance, cognitive flexibility and resilience of the elderly in Behshahr city. *Cognitive Science News*, 19(4): 20-27 (Persian).
- Kadampour, A., Moradizadeh, S., & Shah Karmi, M. (2017). The effectiveness of mindfulness training on increasing happiness and improving the quality of life of the elderly. *Psychology of Aging*, *4*(1): 27-38 (Persian).
- Khosrobeigi M, Hafezi F, Naderi F, Ehteshamzadeh P. (2021). Effectiveness of self-compassion training on hopelessness and resilience in parents of children with cancer. EXPLORE.
- Kim C, Ko H. (2018). The impact of self-compassion on mental health, sleep, quality of life and life satisfaction among older adults. *Geriatric Nursing*. 39(6):623-8.
- Leary MR, Tate EB, Adams CE, Batts Allen A, Hancock J. (2007). Self-compassion and reactions to unpleasant self-relevant events: The implications of treating oneself kindly. *Journal of personality and social psychology*. 92(5):887-904.
- Mantelou A, Karakasidou E. (2017). The Effectiveness of a Brief Self-Compassion Intervention Program on Self-Compassion, Positive and Negative Affect and Life Satisfaction. *Psychology*, 8:590-610
- Mavai, Z., & Kakabraei, K. (2016). The effectiveness of a happy mind on the quality of life and taste of the elderly. *Geriatric Nursing Quarterly*, 3(4): 9-20 (Persian).
- Mirmehdi, S. R., & Reza Ali, M. (2017). The effectiveness of cognitive therapy on the mind, awareness on the resilience of emotion regulation and life expectancy in

- women with various types of diseases 2. *Scientific-Research Quarterly of Health Psychology*, 7(28): 167-183 (Persian).
- Mitchell JT, Zylowska L, Kollins SH. (2015). Mindfulness Meditation Training for Attention-Deficit/Hyperactivity Disorder in Adulthood: Current Empirical Support, Treatment Overview ,and Future Directions. Cognitive and Behavioral Practice. 22(2):172-91.
- Mohammadi Mehr, M., Zamani Alavijeh, F., Hassanzadeh, A., & Fasihi Harandi, T. (2017). The effect of education on healthy lifestyle, on happiness and life satisfaction in the elderly: a randomized controlled trial. *Iranian Health Journal*, *13*(4): 440-451 (Persian).
- Mortazavi, S. S., Iftikhar Ardabili, H., Ishaghi, S. R., Dar Ali, R., Shah Siah, M., & Botlani, S. (1390). Regular physical activity on the mental health of the elderly in Shahrekord. *Journal of Isfahan Medical School*, 29(161): 1814-1805 (Persian).
- Mustafai, A., & Qadri D. (2017). Investigating the relationship between emotional intelligence and psychological capital with life satisfaction of the elderly. *Gerontology*, *3* (4): 51-58 (Persian).
- Neff K. (2003). Self-Compassion: An Alternative Conceptualization of a Healthy *Attitude Toward Onesel Self and Identity*. 2(2):85-101.
- Pérez-Aranda A, García-Campayo J, Gude F, Luciano JV, Feliu-Soler A, González-Quintela A, et al .(2021). Impact of mindfulness and self-compassion on anxiety and depression: The mediating role of resilience. *International Journal of Clinical and Health Psychology*. 21(2):100229.
- Perez-Blasco J, Sales A, Meléndez JC, Mayordomo T. (2016). The Effects of Mindfulness and Self-Compassion on Improving the Capacity to Adapt to Stress Situations in Elderly People Living in the Community. *Clinical Gerontologist*. 39(2):90-103.
- Proulx J, Croff R, Hebert M, Oken B. (2020). Results of a mindfulness intervention feasibility study among elder African American women: *A qualitative analysis. Complementary Therapies in Medicine*, 52:102-118
- Safara, M., & Salamabadi, M. (2021). Psychological well-being in the elderly: the role of suicidality and emotional ataxia. *Psychology of Aging*, 7(1): 83-92 (Persian).
- Salamabadi, M., Rajabi, M. J., & Saf Ara, M. (2017). The effectiveness of life review training on life satisfaction and sense of coherence among middle-aged and elderly women living in a nursing home in Qazvin city. *Elderly: Iranian Journal of Geriatrics*, 13 (2):209-198 (Persian).
- Satria B, Isaramalai S-a, Komjakraphan P. (2018). The effect of a community-based spiritual life program on Indonesian elders' resilience. Enfermería Clínica. 28:55-60.
- Seyed Jafari, J., Motamedi, A., Mehrad Sadr, M., Ulemai Kopaei, M., & Hashemian, S. (2016). The effectiveness of education on experience and acceptance on the resilience of the elderly. *Psychology of Aging*, *3*(1): 21-29 (Persian).
- Shivandi, K., Naimi, A., and Farshad, M.R. (2015). Presenting the structural model of self-compassion and psychological well-being with the mediation of self-esteem and body image in female students of Shiraz University. *Studies in Clinical Psychology*, *6*(24): 115-133 (Persian).
- Smith A, Graham L, Senthinathan S. (2007). Mindfulness-based cognitive therapy for recurring depression in older people: A qualitative study. Aging & Mental Health. 11(3):346-57.

- Southwick S, Lowthert BT, Graber AV. (2016). Relevance and Application of Logotherapy to Enhance Resilience to Stress and Trauma.
- Svendsen JL, Kvernenes KV, Wiker AS, Dundas I. (2017). Mechanisms of mindfulness: Rumination and self-compassion. *Nordic Psychology*. 69(2):71-82.
- Uraki, M., & Asadpour, A. (2019). The effectiveness of mental therapy in reducing stress on psychological well-being and severe stress in patients with gastroesophageal reflux. *Scientific-Research Quarterly of Health Psychology*, *9*(36): 151-168 (Persian).
- Vos LMW, Habibović M, Nyklíček I, Smeets T, Mertens G. (2021). Optimism, mindfulness, and resilience as potential protective factors for the mental health consequences of fear of the coronavirus. *Psychiatry Research*. 300:113927.
- Yang Y, Zhang M, Kou Y. (2016). Self-compassion and life satisfaction: The mediating role of hope. *Personality and Individual Differences*. 98:91-5.
- Yarnell LM, Stafford RE, Neff KD, Reilly ED, Knox MC, Mullarkey M. (2015). *Meta-Analysis of Gender Differences in Self-Compassion. Self and Identity.* 14(5):499-520.
- Yuan Y. (2021). Mindfulness training on the resilience of adolescents under the COVID-19 epidemic: latent growth curve analysis. *Personality and Individual Differences*. 172:110560.
- Zarotti N, Povah C, Simpson J. (2020). Mindfulness mediates the relationship between cognitive reappraisal and resilience in higher education students. *Personality and Individual Differences*. 156:109795.