# Scopus

#### **Documents**

Ibrahim, A.F.<sup>a b</sup>, Tan, M.P.<sup>a c</sup>, Teoh, G.K.<sup>a d</sup>, Muda, S.M.<sup>b</sup>, Chong, M.C.<sup>a e</sup>

Health Benefits of Social Participation Interventions among Community-Dwelling Older Persons: A Review Article (2022) Experimental Aging Research, 48 (3), pp. 234-260.

DOI: 10.1080/0361073X.2021.1939563

- <sup>a</sup> Ageing and Age-Associated Disorders Research Group, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia
- <sup>b</sup> Kulliyyah (Faculty) of Nursing, International Islamic University of Malaysia, Pahang, Malaysia
- <sup>c</sup> Department of Medicine, Faculty of Medicine, University of Malaya Kuala Lumpur, Malaysia
- <sup>d</sup> Department of Psychology, School of Medicine, International Medical University, Kuala Lumpur, Malaysia
- e Department of Nursing Science, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia

#### Abstract

Background: Social disengagement among older persons may result from accumulated physical impact and social stressors experienced throughout life. Conversely, interventions that enhance social participation addresses social isolation with positive influences on health. This article, therefore, aimed to review the range of published studies that evaluated the health benefits of interventions on social participation among community-dwelling older persons. Method: We conducted a search using the databases CINAHL, MEDLINE, EBSCOhost, PubMed, ProQuest, SAGE, ScienceDirect, SpringerLink, Web of Science, and Open repository/archive. Results: Twenty-five studies from Asia, Europe and America were selected. Included articles described randomized controlled trials (9), quasi-experimental studies (9), mixed-methods studies (2), participatory action research (3), and community-based intervention research (2). Social interventions described are group or cultural activities, personal/group monitoring and discussion, and communications devices. Intervention designed utilized theories, models, concepts, principles, and evidence from published literature. Conclusion: Most social intervention studies evaluating health outcomes have been conducted in North America and Western Europe. Group-based activities were most commonly employed, but personal/group discussions, home visits and technology-based interactions have also been used. While social isolation is now a widely accepted risk factor for ill-health, research evidence for improvement of health through reduction of social isolation remains limited. © 2021 Taylor & Francis Group, LLC.

#### **Index Keywords**

aged, aging, human, independent living, social participation, very elderly; Aged, Aged, 80 and over, Aging, Humans, Independent Living, Social Participation

#### References

Achenbaum, W.A., Bengtson, V.L.

Re-engaging the disengagement theory of aging: On the history and assessment of theory development in gerontology

(1994) Gerontologist, 34 (6), pp. 756-763.

Ajzen, I.

From Intentions to Actions: A Theory of Planned Behavior (1985) *Action Control. SSSP Springer Series in Social Psychology*, Kuhl J., Beckmann J., (eds), Berlin, Heidelberg: Springer:. In

Ajzen, I.

The theory of planned behavior

(1991) Organizational Behavior and Human Decision Processes, 50 (2), pp. 179-211.

Andersson, L.

Intervention against loneliness in a group of elderly women: An impact evaluation (1985) *Social Science & Medicine (1982)*, 20 (4), pp. 355-364.

- Asiamah, N., Lee, A.
   Social engagement and physical activity: Commentary on why the activity and disengagement theories of ageing may both be valid

   (2017) Cogent Medicine, 4, p. 1289664.
- Bandura, A.
   (1971) Social learning theory,
   New York: General Learning Press
- Baumgarten, M., Thomas, D., de Courval, L.P., Infante-Rivard, C. **Evaluation of a mutual help network for the elderly residents of planned housing** (1988) *Psychology and Aging*, 3 (4), pp. 393-398.
- Becker, M.H.

  The Health Belief Model and Sick Role Behavior
  (1974) Health Education Monographs, 2 (4), pp. 409-419.
- Birren, J.E., Lubben, J.E., Rowe, J.C., Deutchman, D.E. (1991) *The concept and measurement of quality of life in the frail elderly*, San Diego, CA, US: Academic Press
- Blusi, M., Nilsson, I., Lindgren, H.
   Older adults co-creating meaningful individualized social activities online for healthy ageing (2018) Studies in Health Technology and Informatics, 247, pp. 775-779.
- Cattan, M., Kime, N.
   (2008), Low-level support for socially isolated older people: An evaluation of telephone befriending. United Kingdom: Help the Aged... & Bagnall, A.-M
- Cattan, M., Kime, N., Bagnall, A.-M.
   The use of telephone befriending in low level support for socially isolated older people--an evaluation
   (2011) Health and Social Care in the Community, 19 (2), pp. 198-206.
- Clarke, M., Clarke, S.J., Jagger, C.
   Social Intervention and the Elderly: A Randomized Controlled Trial (1992) American Journal of Epidemiology, 136 (12), pp. 1517-1523.
- Cohen, G.D., Perlstein, S., Chapline, J., Kelly, J., Firth, K.M., Simmens, S.
   The impact of professionally conducted cultural programs on the physical health, mental health, and social functioning of older adults—2-year results
   (2007) Journal of Aging, Humanities, and the Arts, 1 (1-2), pp. 5-22.
- Coll-Planas, L., del Valle Gómez, G., Bonilla, P., Masat, T., Puig, T., Monteserin, R.
   Promoting social capital to alleviate loneliness and improve health among older people in Spain
   (2017) Health and Social Care in the Community, 25 (1), pp. 145-157.
- Colquhoun, H.L., Levac, D., O'Brien, K.K., Straus, S., Tricco, A.C., Perrier, L., Moher, D.
   Scoping reviews: Time for clarity in definition, methods, and reporting
   (2014) Journal of Clinical Epidemiology, 67 (12), pp. 1291-1294.

. . .

• Statistics, M. (2017), p. 10.

Department of,). Selected Demographic Statistics Estimates, Malaysia,. Retrieved 2020 January

Friedman, E.M., Ruini, C., Foy, R., Jaros, L., Sampson, H., Ryff, C.D.
 Lighten UP! A community-based group intervention to promote psychological well-being in older adults
 (2017) Aging & Mental Health, 21, pp. 199-205.

Goll, J.C., Charlesworth, G., Scior, K., Stott, J., Dorner, T.E.
 Barriers to social participation among lonely older adults: The influence of social fears and identity

 (2015) PLOS ONE, 10 (2).

- Ichida, Y., Hirai, H., Kondo, K., Kawachi, I., Takeda, T., Endo, H.
   Social Science & Medicine Does social participation improve self-rated health in the older population? A quasi-experimental intervention study (2013) Social Science & Medicine, 94, pp. 83-90.
- Israel, B.A., Coombe, C.M., Cheezum, R.R., Schulz, A.J., McGranaghan, R.J., Lichtenstein, R., Burris, A.
   Community-based participatory research: A capacity-building approach for policy advocacy aimed at eliminating health disparities (2010) American Journal of Public Health, 100 (11), pp. 2094-2102.
- Jackins, H.
   (1983) The Reclaiming of Power,
   Seattle, WA: Rational Island Publications
- Johnson, J.K., Stewart, A.L., Acree, M., Nápoles, A.M., Flatt, J.D., Max, W.B., Gregorich, S.E.

A Community Choir Intervention to Promote Well-Being Among Diverse Older Adults: Results From the Community of Voices Trial (2018) *The Journals of Gerontology: Series B*,

- Kocken, P.L., Voorham, A.J.J.
   Effects of a peer-led senior health education program
   (1998) Patient Education and Counseling, 34 (1), pp. 15-23.
- Kremers, I.P., Steverink, N., Albersnagel, F.A., Slaets, J.P.J.
   Improved self-management ability and well-being in older women after a short group intervention
   (2006) Aging and Mental Health, 10 (5), pp. 476-484.
- Mallers, M.H., Claver, M., Lares, L.A.
   Perceived Control in the Lives of Older Adults: The Influence of Langer and Rodin's Work on Gerontological Theory, Policy, and Practice (2014) The Gerontologist, 54 (1), pp. 67-74.
   J The Gerontologist
- Martina, C.M.S., Stevens, N.L.
   Breaking the cycle of loneliness? Psychological effects of a friendship enrichment

## program for older women

(2006) Aging and Mental Health, 10 (5), pp. 467-475.

- Middling, S., Bailey, J., Maslin-Prothero, S., Scharf, T. Gardening and the social engagement of older people (2011) *Working with Older People*, 15 (3), pp. 112-122.
- Miller, J.

(1988) The self-in-relation: New psychology for counselling women, Eindhoven: Uitgeverij De Elst

Mortimer, J.A., Ding, D., Borenstein, A.R., Decarli, C., Guo, Q., Wu, Y., Chu, S.
 Changes in brain volume and cognition in a randomized trial of exercise and social interaction in a community-based sample of non-demented chinese elders (2012) *Journal of Alzheimer's Disease*, 30 (4), pp. 757-766.

• • •

• Mulligan, M.A., Bennett, R.

Assessment of Mental Health and Social Problems during Multiple Friendly Visits: The Development and Evaluation of a Friendly Visiting Program for the Isolated Elderly

(1978) The International Journal of Aging and Human Development, 8 (1), pp. 43-65.

• Ollonqvist, K., Palkeinen, H., Aaltonen, T., Pohjolainen, T., Puukka, P., Hinkka, K., Pöntinen, S.

Alleviating Loneliness among Frail Older People–Findings from a Randomised Controlled Trial

(2008) International Journal of Mental Health Promotion, 10 (2), pp. 26-34.

Prochaska, J.O., DiClemente, C.C.
 Stages and processes of self-change of smoking: Toward an integrative model of change
 (1983) Journal of Consulting and Clinical Psychology, 51 (3), pp. 390-395.

 Przybylski, A.K., Weinstein, N.
 Can you connect with me now? How the presence of mobile communication technology influences face-to-face conversation quality (2013) Journal of Social and Personal Relationships, 30 (3), pp. 237-246.

- Pynnönen, K., Törmäkangas, T., Rantanen, T., Tiikkainen, P., Kallinen, M.
   Effect of a social intervention of choice vs. control on depressive symptoms, melancholy, feeling of loneliness, and perceived togetherness in older Finnish people: A randomized controlled trial (2018) Aging & Mental Health, 22 (1), pp. 77-84.
- Ramírez, E., Ortega, A.R., Chamorro, A., Colmenero, J.M.
   A program of positive intervention in the elderly: Memories, gratitude and forgiveness
   (2014) Aging and Mental Health, 18 (4), pp. 463-470.
- Richeson, N., Thorson, J.A.

  The Effect of Autobiographical Writing on the Subjective Well-Being of Older Adults
  (2002) North American Journal of Psychology, 4, pp. 395-404.

- Routasalo, P., Arve, S., Lauri, S.
   Geriatric rehabilitation nursing: Developing a model
   (2004) International Journal of Nursing Practice, 10 (5), pp. 207-215.
- Routasalo, P., Tilvis, R.S., Kautiainen, H., Pitkala, K.H.
   Effects of psychosocial group rehabilitation on social functioning, loneliness and well-being of lonely, older people: Randomized controlled trial (2009) *Journal of Advanced Nursing*, 65 (2), pp. 297-305.
- Sandoval, J.A., Lucero, J., Oetzel, J., Avila, M., Belone, L., Mau, M., Wallerstein, N.
   Process and outcome constructs for evaluating community-based participatory research projects: A matrix of existing measures
   (2012) Health Education Research, 27 (4), pp. 680-690.
- Sehrawat, S., Jones, C.A., Orlando, J., Bowers, T., Rubins, A.
   Digital storytelling: A tool for social connectedness
   (2017) Gerontechnology, 16 (1), pp. 56-61.
- Shinkai, S., Yoshida, H., Taniguchi, Y., Murayama, H., Nishi, M., Amano, H.
   (2016), pp. 87-97.
   Fujiwara, Y. (,). Public health approach to preventing frailty the community and its effect on healthy aging Japan., Geriatrics and Gerontology International, 16
- Stein, J.Y., Tuval-mashiach, R.
   The Social Construction of Loneliness: An Integrative Conceptualization (2015) Journal of Constructivist Psychology, 28 (3), pp. 210-227.
- Steverink, N., Lindenberg, S., Slaets, J.P.J.
   How to understand and improve older people's self-management of wellbeing (2005) European Journal of Ageing, 2 (4), pp. 235-244.
- Teater, B., Baldwin, M.
   Singing for successful ageing: The perceived benefits of participating in the golden oldies community-arts programme

   (2014) British Journal of Social Work, 44 (1), pp. 81-99.
- Tey, N.P., Siraj, S.B., Kamaruzzaman, S.B.B., Chin, A.V., Tan, M.P., Sinnappan, G.S., Muller, A.M.

Aging in multi-ethnic Malaysia (2016) *Gerontologist*, 56 (4), pp. 603-609.

- Tomioka, K., Kurumatani, N., Hosoi, H.
   Positive and negative influences of social participation on physical and mental health among community-dwelling elderly aged 65–70 years: A cross-sectional study in Japan

   (2017) BMC Geriatrics, 17 (1), pp. 1-13.
- World Population Ageing 2019
   (2020) United Nations,
   Department of Economic and Social Affairs, Population Division
- Utz, R.L., Swenson, K.L., Caserta, M., Lund, D., deVries, B.
   Feeling Lonely Versus Being Alone: Loneliness and Social Support Among Recently Bereaved Persons

(2014) The Journals of Gerontology Series B: Psychological Sciences and Social Sciences, 69B (1), pp. 85-94.

White, H., McConnell, E., Clipp, E., Branch, L.G., Sloane, R., Pieper, C., Box, T.L.
 A randomized controlled trial of the psychosocial impact of providing internet training and access to older adults
 (2002) Aging and Mental Health, 6 (3), pp. 213-221.

### **Correspondence Address**

Ibrahim A.F.; Ageing and Age-Associated Disorders Research Group, Malaysia; email: ami.fatin@gmail.com

Publisher: Routledge

ISSN: 0361073X CODEN: EAGRD PubMed ID: 34229584

Language of Original Document: English Abbreviated Source Title: Exp. Aging Res.

2-s2.0-85109824598 **Document Type:** Article **Publication Stage:** Final

Source: Scopus

**ELSEVIER** 

Copyright © 2022 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

**RELX** Group™

6 of 6