

## ANEXO.

### EVIDENCIA CIENTÍFICA MUSICOTERAPIA EN GERIATRÍA. PROPUESTA DE GRUPO PARA LA SEGG

Abrahan, V. & Justel, N. (2015). La improvisación musical. Una mirada compartida entre la musicoterapia y las neurociencias. *Psicogente*, 18(34), 372-384. <http://doi.org/10.17081/psico.18.34.512>

Altenmüller, E., y Schlaug, G. (2013). Neurologic music therapy: The beneficial effects of music making on neurorehabilitation. *Acoustical Science and Technology*, 34, 5–12. [https://www.istage.jst.go.jp/article/ast/34/1/34\\_E131002/article/-char/ja/](https://www.istage.jst.go.jp/article/ast/34/1/34_E131002/article/-char/ja/)

Ashida S. (2000): "The effect of reminiscence music therapy session on changes in depressive symptoms in elderly persons with dementia". *Journal of Music Therapy*; 37: 170-82. <https://academic.oup.com/jmt/article-abstract/37/3/170/898443>

Barcia Salorio D. (2009). Musicoterapia en la enfermedad de Alzheimer.

Bonafous, H. Musicoterapia Y Tercera Edad (1998) Revista "Música, Terapia y Comunicación", nº 18. Centro de Investigación Musicoterapéutica CIM. Bilbao

[https://www.researchgate.net/profile/Patricia\\_L\\_Sabbatella/publication/279849136\\_Del\\_Moral\\_M\\_Mercadal-](https://www.researchgate.net/profile/Patricia_L_Sabbatella/publication/279849136_Del_Moral_M_Mercadal-)

[Brotos M y Sabbatella P 2015 Un Estudio Descriptivo sobre el Perfil del Musicoterapeuta en España Musica Terapia y Comunicacion 35 1 5-29/links/566b49fd08ae62b05f04e259.pdf#page=65](https://www.researchgate.net/profile/Patricia_L_Sabbatella/publication/279849136_Del_Moral_M_Mercadal-)

*Psicogeriatría*, 1(4), 223–238. [https://www.viguera.com/sepg/pdf/revista/0104/0104\\_223\\_238.pdf](https://www.viguera.com/sepg/pdf/revista/0104/0104_223_238.pdf)

Brotos, M., & Koger, S. M. (2000). The impact of music therapy on language functioning in dementia. *Journal of music therapy*, 37(3), 183-195. <https://academic.oup.com/jmt/article-abstract/37/3/183/898447>

Ceccato, Enrico & Vigato, Giovanna & Bonetto, Chiara & Bevilacqua, Albina & Pizzolo, Paolo & Crociani, Susanna & Zanfretta, Emanuele & Pollini, Lorenza & Caneva, Paolo & Baldin, Lorella & Frongillo, Cristina & Signorini, Andrea & Demoro, Sara & Barchi, Elisabetta. (2012). STAM Protocol in Dementia: A Multicenter, Single-Blind, Randomized, and Controlled Trial. *American journal of Alzheimer's disease and other dementias*. 27. 301-10. 10.1177/1533317512452038.

[https://www.researchgate.net/publication/229427228\\_STAM\\_Protocol\\_in\\_Dementia\\_A\\_Multicenter\\_Single-Blind\\_Randomized\\_and\\_Controlled\\_Trial/citation/download](https://www.researchgate.net/publication/229427228_STAM_Protocol_in_Dementia_A_Multicenter_Single-Blind_Randomized_and_Controlled_Trial/citation/download)

Choi, A. N., Lee, M. S., Cheong, K. J., & Lee, J. S. (2009). Effects of group music

intervention on behavioral and psychological symptoms in patients with dementia: A pilot-controlled trial. *International Journal of Neuroscience*, 119(4), 471–481. <https://doi.org/10.1080/00207450802328136>

Clair A. A., Bernstein B., Johnson G. (1995): "Rhythm playing characteristics in persons with severe dementia including those with probable [alzheimer'type](#)". [Journal of Music therapy, vol.XXXII, n.2, summer.](#)

<https://academic.oup.com/jmt/article-abstract/32/2/113/1151701>

Cooke, M. L., Moyle, W., Shum, D. H. K., Harrison, S. D., & Murfield, J. E. (2010).

A randomized controlled trial exploring the effect of music on agitated behaviours and anxiety in older people with dementia. *Aging and Mental Health*, 14(8), 905–916. <https://doi.org/10.1080/13607861003713190>

Custodio, N., Montesinos, R., & Valeriano-Lorenzo, E. (2017). Terapia musical en

el manejo de síntomas cognitivos, psicológicos y conductuales de demencia: Una revisión narrativa. In *Revista de Neuro-Psiquiatria* (Vol. 80, Issue 2, p. 111). <https://doi.org/10.20453/rnp.v80i2.3092>

Gerona, I. d. (2014). Musicoterapia para las Personas Mayores. Obtenido de <http://atencionmayores.org/musicoterapia-personas-mayores/>

Guétin S., Portet F., Picot M., et al. (2009): "Effect of music therapy on anxiety and depression in patients with Alzheimer's type dementia: randomized, controlled study". *Dementia and Geriatric Cognitive Disorders*; 28: 36-46. <https://www.karger.com/Article/Abstract/229024>

Gómez-Romero, M., Jiménez-Palomares, M., Rodríguez-Mansilla, J., Flores-Nieto, A., Garrido-Ardila, E. M., & González López-Arza, M. V. (2017). Beneficios de la musicoterapia en las alteraciones conductuales de la demencia. Revisión sistemática. *Neurología*, 32(4), 253–263. <https://doi.org/10.1016/j.nrl.2014.11.001>

Gómez Gallego, M., & Gómez García, J. (2017). Musicoterapia en la enfermedad de Alzheimer: efectos cognitivos, psicológicos y conductuales. *Neurología*, 32(5), 300–308. <https://doi.org/10.1016/j.nrl.2015.12.003>

Guétin, S., Portet, F., Picot, M. C., Pommié, C., Messaoudi, M., Djabelkir, L., ... & Touchon, J. (2009). Effect of music therapy on anxiety and depression in patients with Alzheimer's type dementia: randomised, controlled study. *Dementia and geriatric cognitive disorders*, 28(1), 36-46. [https://www.researchgate.net/profile/S\\_Guetin/publication/26692218\\_Effect\\_of\\_Music\\_Therapy\\_on\\_Anxiety\\_and\\_Depression\\_in\\_Patients\\_with\\_Alzheimer's\\_Type\\_Dementia\\_Randomised\\_Controlled\\_Study/links/0046352b8c90594dd2000000/Effect-of-Music-Therapy-on-Anxiety-and-Depression-in-Patients-with-Alzheimers-Type-Dementia-Randomised-Controlled-Study.pdf](https://www.researchgate.net/profile/S_Guetin/publication/26692218_Effect_of_Music_Therapy_on_Anxiety_and_Depression_in_Patients_with_Alzheimer's_Type_Dementia_Randomised_Controlled_Study/links/0046352b8c90594dd2000000/Effect-of-Music-Therapy-on-Anxiety-and-Depression-in-Patients-with-Alzheimers-Type-Dementia-Randomised-Controlled-Study.pdf)

Glynn NJ. The music therapy assessment tool in Alzheimer's patients. *J Gerontol Nurs*. 1992 Jan;18(1):3-9. doi: 10.3928/0098-9134-19920101-03. PMID: 1740613. <https://pubmed.ncbi.nlm.nih.gov/1740613/>

Han P., Kwan M., Chen D., et al. (2010): "A controlled naturalistic study on a weekly music therapy and activity program on disruptive and depressive behaviors in dementia". *Dementia and Geriatric Cognitive Disorders*; 30: 540-6. <https://www.karger.com/Article/Abstract/321668>

Jiménez-Palomares, M., Rodríguez-Mansilla, J., González-López-Arza, M. V., Rodríguez-Domínguez, M. T., & Prieto-Tato, M. (2013). Beneficios de la musicoterapia como tratamiento no farmacológico y de rehabilitación en la demencia moderada. *Revista Española de Geriatria y Gerontología*, 48(5),

238–242. <https://doi.org/10.1016/j.regg.2013.01.008>

Mössler K, Chen X, Heldal TO, Gold C. Music therapy for people with schizophrenia and schizophrenia-like disorders. *Cochrane Database Syst Rev*. 2011 Dec 7;(12):CD004025. doi: 10.1002/14651858.CD004025.pub3. Update in: *Cochrane Database Syst Rev*. 2017 May 29;5:CD004025. PMID: 22161383. <https://pubmed.ncbi.nlm.nih.gov/22161383/>

Koger Sm., Chapin K., Brotons M. (1999): "Is Music Therapy an Effective Intervention for Dementia? A Meta-Analytic Review of Literature". *J Music Ther*; 36(1):2-15. <https://academic.oup.com/jmt/article-abstract/36/1/2/914638>

Kumar, A. M., Tims, F., Cruess, D. G., Mintzer, M. J., Ironson, G., Loewenstein, D., Cattan, R., Fernandez, J. B., Eisdorfer, C., & Kumar, M. (1999). Music Therapy Increases Serum Melatonin Levels in Patients with Alzheimer's Disease. *Alternative therapies in health and medicine*, 5(6), 49-57. <https://miami.pure.elsevier.com/en/publications/music-therapy-increases-serum-melatonin-levels-in-patients-with-a>

Leardi S, Pietroletti R, Angeloni G, Necozone S, Ranalletta G, Del Gusto B. Randomized clinical trial examining the effect of music therapy in stress response to day surgery. *Br J Surg*. 2007 Aug;94(8):943-7. doi: 10.1002/bjs.5914. PMID: 17636513. <https://pubmed.ncbi.nlm.nih.gov/17636513/>

Liebman J. J., Maclaren A. (1991): "The use of music to aid memory of Alzheimer patients". *Journal of Music therapy*, vol. XXVIII, n.2, summer. <https://academic.oup.com/jmt/article-abstract/28/2/101/906612>

Lin Y., Chu H., Yang Cy, et al. (2011): "Effectiveness of group music intervention against agitated behavior in elderly persons with dementia". *International Journal of Geriatric Psychiatry*; 26:670-8. <https://onlinelibrary.wiley.com/doi/abs/10.1002/gps.2580>

McDermott O, Crellin N, Ridder HM, Orrell M. Music therapy in dementia: a narrative synthesis systematic review. *Int J Geriatr Psychiatry*. 2013 Aug;28(8):781-94. doi: 10.1002/gps.3895. Epub 2012 Oct 18. PMID: 23080214. <https://pubmed.ncbi.nlm.nih.gov/23080214/>

Madsen C.K., Cotter V., Madsen C.H. (1968): "A Behavioural Approach to Music Therapy". *Journal of Music*, 5, 3, <https://www.tandfonline.com/doi/abs/10.1080/08098131.2016.1273966>

Manarolo G. (2011): “Manuale di Musicoterapia: teoria, metodo e applicazioni della Musicoterapia”, ed. Cosmopolis.

Manarolo G., Raglio A., Villani D. (2001): “Musicoterapia e malattia di Alzheimer”, ed. Cosmopolis.

Mercadal-Brotons, M., Martí- Augé, P. (2008). (2008). Manual de musicoterapia en

geriatría y demencias. MONSA- PRAYMA.

Murabayashi, N., Akahoshi, T., Ishimine, R., Saji, N., Takeda, C., Nakayama, H., ... & Yamada, Y. (2019). Effects of Music Therapy in Frail Elderlies: Controlled Crossover Study. *Dementia and Geriatric Cognitive Disorders Extra*, 9(1), 87-99. <https://www.karger.com/Article/Abstract/496456>

Munk-Madsen NM. Assessment in music therapy with clients suffering from dementia. *Nordic Journal of Music Therapy* 2001; 10: 205-8. <https://www.tandfonline.com/doi/citedby/10.1080/08098130109478033?scroll=top&needAccess=true>

Okada K, Kurita A, Takase B, Otsuka T, Kodani E, Kusama Y, Atarashi H, Mizuno K. Effects of music therapy on autonomic nervous system activity, incidence of heart failure events, and plasma cytokine and catecholamine levels in elderly patients with cerebrovascular disease and dementia. *Int Heart J*. 2009 Jan;50(1):95-110. doi: 10.1536/ihj.50.95. PMID: 19246850. <https://pubmed.ncbi.nlm.nih.gov/19246850/>

McDermott O, Crellin N, Ridder HM, Orrell M. Music therapy in dementia: a narrative synthesis systematic review. *Int J Geriatr Psychiatry*. 2013 Aug;28(8):781-94. doi: 10.1002/gps.3895. Epub 2012 Oct 18. PMID: 23080214. <https://pubmed.ncbi.nlm.nih.gov/23080214/>

McDermott O, Orgeta V, Ridder HM, Orrell M. A preliminary psychometric evaluation of Music in Dementia Assessment Scales (MiDAS). *Int Psychogeriatr*. 2014 Jun;26(6):1011-9. doi: 10.1017/S1041610214000180. Epub 2014 Feb 13. PMID: 24524811. <https://pubmed.ncbi.nlm.nih.gov/24524811/>

Pedersen, S. K. A., Andersen, P. N., Lugo, R. G., Andreassen, M., & Sütterlin, S. (2017). Effects of music on agitation in dementia: A meta-analysis. *Frontiers in Psychology*, 8(MAY), 1–10. <https://doi.org/10.3389/fpsyg.2017.00742>

Porzionato G. (2000), “Malattia di Alzheimer e Terapia Musicale”, in *Musica et Terapia*, Quaderni italiani di musicoterapia, Anno 00, n.1, gennaio.

Raglio A., Mandorlo G., Villani D. (2001): "Musicoterapia e malattia di Alzheimer. Proposte applicative e ipotesi di ricerca, ed. Cosmopolis.

Raglio A. (2008): "Musicoterapia e scientificità: dalla clinica alla ricerca", ed. FrancoAngeli.

Raglio, A., Bellelli, G., Traficante, D., Gianotti, M., Ubezio, M. C., Gentile, S., Villani, D., & Trabucchi, M. (2010). Efficacy of music therapy treatment based on cycles of sessions: A randomised controlled trial. *Aging and Mental Health*, 14(8), 900–904. <https://doi.org/10.1080/13607861003713158>

Raglio, A., Oasi, O., Gianotti, M., Rossi, A., Goulene, K., & Stramba-Badiale, M. (2016). Improvement of spontaneous language in stroke patients with chronic aphasia treated with music therapy: a randomized controlled trial. *International Journal of Neuroscience*, 126(3), 235-242. <https://www.tandfonline.com/doi/abs/10.3109/00207454.2015.1010647>

Raglio A., Belleli G., Traficante D., et al. (2008): "Efficacy of music therapy in the treatment of behavioral and psychiatric symptoms of dementia". *Alzheimer Disease and Associated Disorders*; 22: 158-62. [https://journals.lww.com/alzheimerjournal/Fulltext/2008/04000/Efficacy\\_of\\_Music\\_Therapy\\_in\\_the\\_Treatment\\_of.11.aspx](https://journals.lww.com/alzheimerjournal/Fulltext/2008/04000/Efficacy_of_Music_Therapy_in_the_Treatment_of.11.aspx)

Raglio A., Gianelli Mv. (2009): "Music therapy for individuals with dementia: areas of interventions and research perspectives". *Curr Alzheimer Res*. Jun;6(3)293-301. <https://www.ingentaconnect.com/content/ben/car/2009/00000006/00000003/art00013>

Raglio A., Oasi O., Gianotti M. et al. (2010): "Effects of music therapy on psychological symptoms and heart rate variability in patients with dementia. A pilot study". *Current Aging Science*; 3:242-6. <https://www.ingentaconnect.com/content/ben/cas/2010/00000003/00000003/art00009>

Richman L. (1969): "Sensory training for geriatric patients". *Am.J.Occupational Therapy*; 13:254-257. <https://europepmc.org/article/med/5789491>

Sakamoto, M., Ando, H., & Tsutou, A. (2013). Comparing the effects of different

individualized music interventions for elderly individuals with severe dementia.

*International Psychogeriatrics*, 25(5), 775–784.

<https://doi.org/10.1017/S1041610212002256>

Satoh, M., Yuba, T., Tabei, K., Okubo, Y., Kida, H., Sakuma, H., y Tomimoto, H. (2015). Music Therapy Using Singing Training Improves Psychomotor Speed in Patients with Alzheimer's Disease : A Neuropsychological and fMRI Study. *Dementia and Geriatric Cognitive Disorders*, 8507, 296–308. s cognitivos, psicológicos y conductuales. *Neurología*. <https://www.karger.com/Article/Abstract/436960>

Sequera-martín, M., Miranda-pereda, C., Masegú-serra, C., Pablos-hernández, C., & González-ramírez, A. (2015). Musicoterapia en la demencia del paciente anciano. *Psicogeriatría*, 5(3), 93–100.

[https://www.viguera.com/sepg/pdf/revista/0503/503\\_0093\\_0100.pdf](https://www.viguera.com/sepg/pdf/revista/0503/503_0093_0100.pdf)

Serra, R., Castillo, C., Campos, R., Journal, I., & Psychology, E. (2010). Effects of Music Therapy on Behavioural and Psychological Symptoms of Alzheimer Type Dementia [Article in Portuguese]. *International Journal of Developmental*

and Educational Psychology, 2(1), 873–881.

<https://www.redalyc.org/pdf/3498/349832325091.pdf>

Solé Resano, C., Mercadal-Brotons, M., De Castro, M., Asensio, F. (2015) *International Journal of Developmental and Educational Psychology INFAD Revista de Psicología*, N°1-Vol.2, 2015. ISSN: 0214-9877. pp:25-34

<https://www.recercat.cat/handle/2072/284348>

Svansdottir, H. B., & Snædal, J. (2006). Music therapy in moderate and severe dementia of Alzheimer's type: a case–control study. *International psychogeriatrics*, 18(4), 613-621.

<https://www.cambridge.org/core/journals/international-psychogeriatrics/article/music-therapy-in-moderate-and-severe-dementia-of-alzheimers-type-a-casecontrol-study/D51CCDFF17656F27C927D1BA322BA74C>

Soria-Urios, G., Duque, P., & García-Moreno, J. M. (2011). Música y cerebro (II): evidencias cerebrales del entrenamiento musical. *Neurología*, 53(12), 739-746.

[https://d1wgtxts1xzle7.cloudfront.net/39790573/Music\\_and\\_brain\\_II\\_evidence\\_of\\_musical20151107-9081-1o6vn24.pdf?1446966818=&response-content-disposition=inline%3B+filename%3DMusic\\_and\\_brain\\_II\\_evidence\\_of\\_musical.pdf&Expires=1603887161&Signature=elpqHhGO19XPffvTkQkfzyrFnn~usF1KlbOCbM4P05lvyQK0GNFqSiGXxSUohsi4Lj7YVbDWN7cUXi0KzPrKvZar7QikeANYwFqKdRvFsdZRIi3Hupsg7rHRMwHxKjD9EgqQik1RK-ipyRfadryT1u5k6xqCKDTx3wbsWJYWOf-pX9dc9oknDn8zJUrv7NlmlqSqQGNOSh4WSjzyZ-CUbjfluAmYXdScxyCgmwaYwqBXNi4IREnZb~BLAfJeyEfnYPfrb-XMITsiOJLhGJ55f4K9Br-HIHHOqLcAfFxYO524JyuwQQmHB5nCA9DNowkuYokm5ApGXn4bL3e6Bg\\_\\_\\_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA](https://d1wgtxts1xzle7.cloudfront.net/39790573/Music_and_brain_II_evidence_of_musical20151107-9081-1o6vn24.pdf?1446966818=&response-content-disposition=inline%3B+filename%3DMusic_and_brain_II_evidence_of_musical.pdf&Expires=1603887161&Signature=elpqHhGO19XPffvTkQkfzyrFnn~usF1KlbOCbM4P05lvyQK0GNFqSiGXxSUohsi4Lj7YVbDWN7cUXi0KzPrKvZar7QikeANYwFqKdRvFsdZRIi3Hupsg7rHRMwHxKjD9EgqQik1RK-ipyRfadryT1u5k6xqCKDTx3wbsWJYWOf-pX9dc9oknDn8zJUrv7NlmlqSqQGNOSh4WSjzyZ-CUbjfluAmYXdScxyCgmwaYwqBXNi4IREnZb~BLAfJeyEfnYPfrb-XMITsiOJLhGJ55f4K9Br-HIHHOqLcAfFxYO524JyuwQQmHB5nCA9DNowkuYokm5ApGXn4bL3e6Bg___&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA)

van der Steen, J. T., Smaling, H. J. A., van der Wouden, J. C., Bruinsma, M. S.,

Scholten, R. J. P. M., & Vink, A. C. (2018). Music-based therapeutic interventions for people with dementia. *Cochrane Database of Systematic Reviews*, 2018(7). <https://doi.org/10.1002/14651858.CD003477.pub4>

Sung Hc, Chang Sm, Lee Ms (2006): "The effects of group music with movement intervention on agitated behaviours of institutionalized elders with dementia in Taiwan"; *Complementary Therapies in Medicine*, 14: 113-9. <https://www.sciencedirect.com/science/article/abs/pii/S096522990600032X>

Sung Hc, Lee WI, Li TI, Watson R (2012): "A group music intervention using percussion instruments with familiar music to reduce anxiety and agitation of institutionalized older adults with dementia". *International of Geriatric Psychiatry*; 27: 621-7. <https://onlinelibrary.wiley.com/doi/full/10.1002/gps.2761>

Suzuki M., Kanamori M., Watanabe M. et al. (2004): "Behavioral and endocrinological evaluation of music therapy for elderly patients with dementia". *Nursing & Health Sciences*; 6:11-8. <https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1442-2018.2003.00168.x>

Svandottir Hb., Snaedal J. (2006): "Music Therapy in moderate and severe dementia of Alzheimer's type: a case-control study". *International Psychogeriatrics*; 18: 613-21. <https://www.cambridge.org/core/journals/international->



[psychogeriatrics/article/music-therapy-in-moderate-and-severe-dementia-of-alzheimers-type-a-casecontrol-study/D51CCDFF17656F27C927D1BA322BA74C](https://academic.oup.com/jmt/article-abstract/43/4/317/925643)

Takahashi T., Matsushita H. (2006): "Long-term effects of music therapy on elderly with moderate-severe dementia". *Journal of Music Therapy*; 43:317-33. <https://academic.oup.com/jmt/article-abstract/43/4/317/925643>

Thompson Rg., Moulin Cj., Hayre S., Jones Rw.(2005): "Music enhances category fluency in healthy older adults and Alzheimer's disease patients". *Experimental Aging Research*; 31:91-9. <https://www.tandfonline.com/doi/abs/10.1080/03610730590882819>

Vink AC, Birks JS, Bruinsma MS, Scholten RJ. Music therapy for people with dementia. *Cochrane Database Syst Rev.* 2004;(3):CD003477. doi: 10.1002/14651858.CD003477.pub2. Update in: *Cochrane Database Syst Rev.* 2017 May 02;5:CD003477. PMID: 15266489.

<https://pubmed.ncbi.nlm.nih.gov/15266489/>

Zare M., Ebrahimi Aa, Birashk B. (2010): "The effect of music therapy on reducing agitation in patients with Alzheimer's disease, a pre-post study". *International Journal of Geriatric Psychiatry* ; 25: 1309-10. <https://studylibit.com/doc/842543/musica-e-musicoterapia--risorse-non-farmacologiche>