

Account No. 9

Neuro-disability and Rehabilitation

Selected bibliography (1990-2010)

- Aldridge, D. (Ed.). (2005). *Music Therapy and Neurological Rehabilitation: Performing Health*. London: Jessica Kingsley.
- Aldridge, D., Schmid, W., Kaeder, M., Schimdt, C., & Ostermann, T. (2005). Functionality or aesthetics? A pilot study of music therapy in the treatment of multiple sclerosis patients. *Complementary Therapies in Medicine*, 13(1), 25-33.
- Angelucci, F., Fiore, M., Ricci, E., Padua, L., Sabino, A., & Tonali, P. (2007). Investigating the neurobiology of music: Brain-derived neurotrophic factor modulation in the hippocampus of young adult mice. *Behavioural Pharmacology* 18(5-6), 491-496.
- Baker, F., & Tamplin, J. (2006). *Music Therapy Methods in Neurorehabilitation: A Clinician's Manual*. London: Jessica Kingsley.
- Baker, F., & Wigram, T. (2004). The immediate and long-term effects of singing on the mood states of people with traumatic brain injury. *British Journal of Music Therapy*, 18(2), 55-64.
- Baker, F., Wigram, T., & Gold, C. (2005). The effects of a song-singing programme on the affective speaking intonation of people with traumatic brain injury. *Brain Injury*, 19(7), 519-528.
- Beathard, B., & Krout, R. E. (2008). A music therapy clinical case study of a girl with childhood apraxia of speech: Finding Lily's voice. *The Arts in Psychotherapy*, 35(2), 107-116.
- Bergström-Isacsson, M., Julu, P. O. O., & Witt-Engerström, I. (2007). Autonomic responses to music and vibroacoustic therapy in Rett Syndrome. *Nordic Journal of Music Therapy*, 16(1), 42-59.
- Boso, M., Politi, P., Barale, F., & Emanuele, E. (2006). Neurophysiology and neurobiology of the musical experience. *Functional Neurology*, 21(4), 187-191.
- Bradt, J., Magee, W., Dileo, C., Wheeler, B. L., & McGilloway, E. (2010). Music therapy for acquired brain injury. *Cochrane Database of Systematic Reviews* 2010(7), Art. No.: CD006787. DOI: 006710.001002/14651858.CD14006787.pub14651852.



- Brotons, M., & Marti, P. (2003). Music therapy with Alzheimer's patients and their family caregivers: A pilot project. *Journal of Music Therapy*, 40(2), 138-150.
- Censi, G., Giorgi, G., Guidi, M., Paolini, S., & Paciaroni, L. (2008). Integrated rehabilitation strategies in Parkinson's disease: Motor, dance and music therapy. *Parkinsonism and Related Disorders*, 14(7), 59.
- Daveson, B. A., Magee, W., Crewe, L., Beaumont, G., & Kenealy, P. (2007). The music therapy assessment tool for low awareness states. *International Journal of Therapy and Rehabilitation*, 14(12), 545-549.
- Davis, G., & Magee, W. (2001). Clinical improvisation within neurological disease - Exploring the effect of structured clinical improvisation on the expressive and interactive responses of a patient with Huntington's Disease. *British Journal of Music Therapy*, 15(2), 51-60.
- Durham, C. (2002). A Music Therapy Group in a Neurological Rehabilitation Ward. In A. Davies & E. Richards (Eds.), *Music Therapy and Group Work: Sound Company* (pp. 105-119). London: Jessica Kingsley.
- Fukui, H., & Toyoshima, K. (2008). Music facilitates the neurogenesis, regeneration and repair of neurons. *Medical Hypotheses*, 71(5), 765-769.
- Gilbertson, S. (2003). Growing roots: Music therapy in neurosurgical rehabilitation. *Music Therapy Today*, IV(4), Retrieved from <http://musictherapyworld.net>
- Gilbertson, S. (2009). A reference standard bibliography: Music therapy with children who have experienced traumatic brain injury. *Music and Medicine*, 1(2), 129-139.
- Gilbertson, S., & Aldridge, D. (2008). *Music Therapy and Traumatic Brain Injury: A Light on a Dark Night*. London: Jessica Kingsley.
- Hayashi, A., Nagaoka, M., & Mizuno, Y. (2006). Music therapy in Parkinson's disease: Improvement of Parkinsonian gait and depression with rhythmic auditory stimulation. *Parkinsonism and Related Disorders*, 12, 76.
- Holten, S. L. (2006). Neurologic music therapy interventions to improve sensorimotor functioning in people with Parkinson's disease. *Movement Disorders*, 21, 141.
- Hyson, C., Oliva, R., LaDonna, K. A., Akwaa, F., Richards, J., & Sahler, O. J. (2005). A pilot study of music therapy in Huntington's disease. *Journal of Neurology Neurosurgery and Psychiatry*, 76.
- Jentschke, S., Koelsch, S., Sallat, S., & Friederici, A. D. (2008). Children with specific language impairment also show impairment of music-syntactic processing. *Journal of Cognitive Neuroscience*, 20(11), 1940-1951.
- Jeong, S., & Kim, M. (2007). Effects of a theory-driven music and movement program for stroke survivors in a community setting. *Applied Nursing Research*, 20(3), 125-131.
- Kaeder, M., Schmid, W., Thomas, O., & Aldridge, D. (2005). A pilot study of music therapy in the treatment of multiple sclerosis patients. *Multiple Sclerosis*, 11, S90.
- Kim, M., & Tomaino, C. M. (2008). Protocol evaluation for effective music therapy for persons with non-fluent aphasia. *Topics in Stroke Rehabilitation*, 15(6), 555-569.





- Krout, R. (2007). Music listening to facilitate relaxation and promote wellness: Integrated aspects of our neurophysiological responses to music. *The Arts in Psychotherapy*, 34(2), 134-141.
- Lazic, S., & Ogilvie, R. (2007). Lack of efficacy of music to improve sleep: A polysomnographic and quantitative EEG analysis. *International Journal of Psychophysiology*, 63(3), 232-239.
- Leathem, J. (2001). Music and the brain: The interface with rehabilitation. *The New Zealand Journal of Music Therapy*, 48-55.
- Loewy, J., Hallan, C., Friedman, E., & Martinez, C. (2006). Sleep/sedation in children undergoing EEG testing: A comparison of chloral hydrate and music therapy. *American Journal of Electroneurodiagnostic Technology*, 46(4), 343-355.
- Magee, W. (1995). Case studies in Huntington's Disease: Music therapy assessment and treatment in the early to advanced stages. *British Journal of Music Therapy*, 9(2), 13-19.
- Magee, W. (1999). Music therapy within brain injury rehabilitation: To what extent is our clinical practice influenced by the search for outcomes? *Music Therapy Perspectives*, 17.
- Magee, W. (2005). Music therapy with patients in low awareness states: approaches to assessment and treatment in multidisciplinary care. *Neuropsychological Rehabilitation*, 15(3/4), 522-536.
- Magee, W. (2007). Development of a music therapy assessment tool for patients in low awareness states. *NeuroRehabilitation*, 22, 319-324.
- Magee, W. (2007). Music as a diagnostic tool in low awareness states: Considering limbic responses. *Brain Injury*, 21(6), 593-599.
- Magee, W., & Andrews, K. (2007). Multi-disciplinary perceptions of music therapy in complex neuro-rehabilitation. *International Journal of Therapy and Rehabilitation*, 14(2), 70-75.
- Magee, W., Brumfitt, S. M., Freeman, M., & Davidson, J. (2006). The role of music therapy in an interdisciplinary approach to address functional communication in complex neuro-communication disorders: A case report. *Disability and Rehabilitation*, 28(19), 1221-1229.
- Magee, W., & Davidson, J. W. (2002). The effect of music therapy on mood states in neurological patients: A pilot study. *Journal of Music Therapy*, 39(1), 20-29.
- Magee, W., & Davidson, J. W. (2004). Singing in therapy: Monitoring disease process in chronic degenerative illness. *British Journal of Music Therapy*, 18(2), 65-77.
- Nayak, S., Wheeler, B. L., Shiflett, S. C., & Agostinelli, S. (2000). Effect of music therapy on mood and social interaction among individuals with acute traumatic brain injury and stroke. *Rehabilitation Psychology*, 45(3), 274-283.
- Neugebauer, C. T., Serghiou, M., Herndon, D. N., & Suman, O. E. (2008). Effects of a 12-week rehabilitation program with music and exercise groups on range of motion in





- young children with severe burns. *Journal of Burn Care and Research*, 29(6), 939-948.
- Nickel, A. K., Hillecke, T. K., Oelkers-Ax, R., & al., e. (2005). Effectiveness of music therapy in the treatment of children with migraine headache. *Cephalalgia*, 25(8), 659.
- Ogawa, T., Ota, S., Ito, S. I., Mitsukura, Y., Fukumi, M., & Akamatsu, N. (2005). Influence of music listening on the cerebral activity by analyzing EEG. *Lecture Notes in Artificial Intelligence*, 3681, 657-663.
- Ostermann, T., & Schmid, W. (2006). Music therapy in the treatment of multiple sclerosis: A comprehensive literature review. *Expert Review of Neurotherapeutics*, 6(4), 469-477.
- Pacchetti, C., Mancini, F., Aglieri, R., Fundaro, C., Martignoni, E., & Nappi, G. (2000). Active music therapy in Parkinson's Disease: An integrative method for motor and emotional rehabilitation. *Psychosomatic Medicine*, 62, 386-393.
- Purdie, H. (1997). Music therapy with adults who have traumatic brain injury and stroke. *British Journal of Music Therapy*, 11(2), 45-50.
- Purdie, H., & Baldwin, S. (1994). Music therapy: Challenging low self-esteem in people with a stroke. *British Journal of Music Therapy*, 8(2), 19-24.
- Racette, A., Bard, C., & Peretz, I. (2006). Making non-fluent aphasics speak: Sing along! . *Brain*, 129, 2571-2584.
- Raglio, A., Bellelli, G., Traficante, D., Gianotti, M., Ubezio, M. C., Villani, D., et al. (2008). Efficacy of music therapy in the treatment of behavioral and psychiatric symptoms of dementia. *Alzheimer Disease and Associated Disorders*, 22(2), 158-162.
- Särkämö, T., Tervaniemi, M., Laitinen, S., Forsblom, A., Soinila, S., Mikkonen, M., et al. (2008). Music listening enhances cognitive recovery and mood after middle cerebral artery stroke. *Brain*, 131(866-876).
- Satoh, M., & Kuzuhara, S. (2008). Training in mental singing while walking improves gait disturbance in Parkinson's disease patients. *European Neurology*, 60(5), 237-243.
- Schlaug, G., Marchina, S., & Norton, A. (2008). From singing to speaking: why singing may lead to recovery of expressive language function in patients with Broca's aphasia. *Music Perception*, 25(4), 315-323.
- Schneider, S., Schonle, P., Altenmuller, E., & Munte, T. (2007). Using musical instruments to improve motor skill recovery following a stroke. *Journal of Neurology Neurosurgery and Psychiatry*, 254(10), 1339-1346.
- Shankar, A., de Brain, N., Bonfield, S., Derwent, L., Eliasziw, M., Hu, B., et al. (2008). Benefit of music therapy in patients with Parkinson's disease: A randomized controlled trial. *Movement Disorders*, 23(1), 201.
- Suzuki, M., Kanamori, M., Watanabe, M., Nagasawa, S., Kojima, E., Ooshiro, H., et al. (2004). Behavioral and endocrinological evaluation of music therapy for elderly patients with dementia. *Nursing and Health Sciences*, 6(1), 11-18.





- Swallow, M. (2002). The Brain – its Music and its Emotion: The Neurology of Trauma. In J. Sutton (Ed.), *Music, Music therapy and Trauma* (pp. 41-53). London: Jessica Kingsley.
- Tamplin, J. (2008). A pilot study into the effect of vocal exercises and singing on dysarthric speech. *NeuroRehabilitation*, 23(3), 207-216.
- Thaut, M. (2007). *Rhythm, Music, and the Brain: Scientific Foundations and Clinical Applications*. New York: Routledge.
- Tomaino, C. M. (2006). Music therapy to benefit individuals with Parkinson's disease. *Movement Disorders*, 21, 29.
- Tramo, M. J., Cariani, P. A., Koh, C. K., Makris, N., & Braida, L. D. (2005). Neurophysiology and neuroanatomy of pitch perception: auditory cortex. *Annals of the New York Academy of Sciences (Highwire)*, 1060(1), 148-174.
- Walworth, D., Rumana, C. S., Nguyen, J., & Jarred, J. (2008). Effects of live music therapy sessions on quality of life indicators, medications administered and hospital length of stay for patients undergoing elective surgical procedures for brain. *Journal of Music Therapy*, 45(3), 349-359.
- Wigram, T., & DeBacker, J. (Eds.). (1999). *Clinical Applications of Music Therapy in Developmental Disability, Pediatrics and Neurology*. London: Jessica Kingsley.
- Williams, K. (2003). A child with a burn injury in a paediatric hospital: A case study. *The New Zealand Journal of Music Therapy*, 30-47.
- Wilson, S. J., Parsons, K., & Reutens, D. C. (2006). Preserved singing in aphasia: A case study of the efficacy of melodic intonation therapy. *Music Perception*, 24(1), 23-35.
- Wood, S., Verney, R., & Atkinson, J. (2004). From Therapy to Community: Making Music in Neurological Rehabilitation. In M. Pavlicevic & G. Ansdell (Eds.), *Community Music Therapy* (pp. 48-62). London: Jessica Kingsley.

Some of the above references are also identified and in the following categories:

Randomised Control Trials (RCTs)

Shankar, A., de Brain, N., Bonfield, S., Derwent, L., Eliasziw, M., Hu, B., et al. (2008).

Systematic Reviews

Bradt, J., Magee, W., Dileo, C., Wheeler, B. L., & McGilloway, E. (2010).

Cochrane Protocols

Bradt, J., Magee, W., Dileo, C., Wheeler, B. L., & McGilloway, E. (2010).





Assessments and Evaluations

Magee, W. (2007).

Suzuki, M., Kanamori, M., Watanabe, M., Nagasawa, S., Kojima, E., Ooshiro, H., et al. (2004).

Other useful resources

Journals

- International Journal of Therapy and Rehabilitation
- Journal of Alzheimer's Disease
- Journal of Parkinson's Disease
- Journal of Pediatric Neurology
- NeuroRehabilitation
- Rehabilitation Psychology
- Restorative Neurology and Neuroscience

Websites

- Academy of Neurologic Music Therapy, www.colostate.edu/Dept/cbrm/academymissionstatement.html
- APMT Neuro-disability Network (membership / password required), www.apmt.org/MEMBERS/SpecialNetworks/Neurodisability/tabid/219/Default.aspx
- Health Professionals Council (HPC), www.hpc-uk.org
- Music Therapy in Neurology and the International Fellowship in Music Therapy, www.rhn.org.uk
- The Brain Injury Association, www.headway.org.uk
- The Royal Hospital for Neuro-Disability (RHN), www.rhn.org.uk

Recent Government Policy Documents

- Department of Health response to the MND Association's correspondence campaign for a national strategy for motor neurone disease (Department of Health, October 2010). www.dh.gov.uk/en/FAQ/Responses/DH_120623
- Response to the formation of the All Part Parliamentary \group for Huntingdon's Disease (Department of Health , June 2010). www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_093975





- Getting the best from neurological services: A guide for people affected by conditions of the brain, spine and nervous system (Department of Health, January 2009)
www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_093975
- The National Service Framework for Long Term Neurological Conditions national support for local implementation (Department of Health, May 2008).
www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_084579

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