Music Intervention for Individuals With Schizophrenia: Systematic Review

Young Shil Kim

1. Description of the Poster

The purpose of this study was to systematically review music intervention studies for individuals with schizophrenia. Music interventions for individuals with schizophrenia are mediated in several clinical fields such as music therapy, psychiatry, nursing etc. Effect of music interventions with individuals with schizophrenia are quantitatively reviewed through some studies. However, in each study music interventions have different contents in detail. To analyze music intervention, the reviewer searched nine electronic databases such as PubMed, EBSCOhost, PsycInfo, ProQuest, Scopus, Wiley Online Library, Cochrane Library, CINAHL for clinical trials published since 2000, using combinations of keywords related to schizophrenia and music interventions; “Schizophrenia”, “Music”, “Intervention”, “therapy”, “Schizophreni*”, “music*”, “therapeutic*” and activities type; “music listening”, “music playing”, “improvisation”, “singing”. The initial search identified 283 studies, and fifteen studies were selected by reviewing the titles, abstracts and full articles. In addition, three articles were added by examining other review articles. Thus, a total of 19 articles were analyzed in terms of their general (design, setting, participants information, measurements, major outcomes) and intervention characteristics (therapist, session information, activities type, characteristics of music), and the PEDro scale which are check list used for quality assessment of clinical researches was used to evaluate the methodological quality of the included studies. The results demonstrated that, due to the lack of randomization and blinding, the methodological qualities of the studies with high quality music interventions were often rated low. Common clinical features of the 8 trials that implemented music interventions provided by qualified music therapists included: inclusion of creative and active music making; emphasis on the reciprocal relationships between client-music-therapist; and clinical supervision for ensuring the quality of therapeutic interventions. In conclusion, this review study suggests the implementation of randomization and blinding, and inclusion of detailed descriptions for intervention procedures with clear rationale, in order to improve the methodological and intervention quality of the clinical trials for patients with schizophrenia.
2. Abstract
In this systematic review on music intervention studies for individuals with schizophrenia, analysis of the selected 19 studies have been done concentrated on general analysis and music interventions. With quality evaluation of selected studies, the results demonstrated that, even music interventions with high quality were often underestimated due to the lack of the methodological quality of the studies.

3. Keywords
systematic review, schizophrenia, music therapy, music intervention, quality evaluation

4. Biography of the Presenter

- Name: Young Shil Kim
- Ph. D. Candidate of Ewha Womans University, Department of Music Therapy
- Instructor and supervisor of Ewha Womans University, Department of Music Therapy
- Korean Certified Music Therapist (KCMT)
- Music and Imagery Therapist (MIT)
- Trainee of GIM level 3
- Researcher of Ewha Music Wellness Center
- Email address: mtherapy4u@gmail.com
References


*Notes* * indicates studies reviewed in this paper
Bibliography of Excluded Articles

