



## MUSIC THERAPY IMPROVES THE MOOD OF THE PATIENTS UNDERGOING HEMATOPOIETIC STEM CELLS TRANSPLANTATION

CARLOS ANTONIO DÓRO

*Federal University of Paraná*

### ABSTRACT:

The allogeneic hematopoietic stem cell transplantation (HSCT Allo) is a therapeutic medical treatment for various neoplastic hematologic, congenital, genetic or acquired disorders. In this procedure which combines high-dose chemotherapy and/or radiotherapy and has a high degree of cytotoxicity, the patient experiences solitary confinement, which causes psychological distress, pain, anxiety, mood disorders and can lead him/her to depression. Music therapy was applied with the purpose of decreasing this social confinement. This is a randomized controlled trial. Method: n=100 patients were selected randomly. n=50 were selected for the Experimental Music Therapy Group (EMG) and n=50 for the Control Group (CG) who received the standard treatment. The intervention of live music was applied using music therapy methods and techniques. Assessment and quantification were made using the visual analog scale (VAS).



### Biography:

Musician and Music Therapist graduated at Estadual University of Paraná (2000)  
Master Internal Medicine at Federal University of Paraná (2016)  
Professor discipline music therapy at Estadual University of Paraná (2018)  
PhD Student at Federal University of Paraná (2019) in progress

### Publications:

1. Occult blood in stool in exclusively formula fed infants versus exclusively breast fed infants in the first six months of life.
2. Prevalence of factor V Leiden (G1619A) and prothrombin gene (G20210A) mutation in Egyptian children with sickle cell disease.
3. DOES BLOODY ASPIRATE REFLECT THE STATE OF UPPER GASTROINTESTINAL MUCOSA IN A CRITICALLY ILL NEWBORN?
4. ECHOCARDIOGRAM DONE EARLY IN NEONATAL SEPSIS: WHAT DOES IT ADD?
5. TRACHEAL COLONIZATION IN PRETERM INFANTS SUPPORTED WITH NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE.

[16th International Conference on Digestive Disorders and Gastroenterology, Bangkok, Thailand, June 08-09, 2020.](#)

**Abstract Citation :** [CARLOS ANTONIO DÓRO, MUSIC THERAPY IMPROVES THE MOOD OF THE PATIENTS, GI DISEASES 2020, Bangkok, Thailand, June 08-09, 2020.](#)