



The Academy of Neurologic Music Therapy

<http://nmtacademy.co>

Key Elements of the NMT Evidence-Based Model

- A research guided clinical model that is driven by advances in neuroscience and the understanding of the perception, production and performance of music and how music can influence and change non-musical brain and behavior function.
 - Rational Scientific Mediating Model
 1. Musical Response Models
 2. Nonmusical Parallel Models: shared, similar, parallel processes
 3. Mediating Models: Influence of Music on Nonmusical Behavior
 4. Clinical Research Models: Therapeutic Effects of Music

- The therapeutic application of music to cognitive, sensory, and motor dysfunctions due to neurologic disease of the human nervous system
 - Neurologic rehabilitation
 - Neuropediatric
 - Neurogeriatric
 - Neurodevelopmental

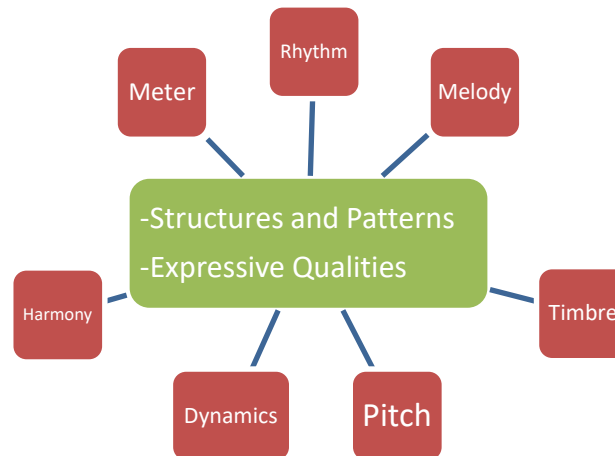
- Treatment Implementation
 - **Multidisciplinary**- Plans are developed independently based on specialty areas
 - **Interdisciplinary**-Collaboration in the development of the treatment plan
 - **Transdisciplinary**-several specialist collaborate on particular goals and objectives



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- **Neurologic Music Therapy is a standardized system of clinical techniques that use the functional perception of all properties of music to train and retrain brain and behavior function.**



- **Not defined by population but directed by functional therapeutic goals**

- Transformation Design Model

1. Assessment

- initial assessment

Standardized pre/post non-musical Assessments

2. Goals/Objectives

- Rehabilitative
- Developmental
- Adaptive

3. Nonmusical exercise/stimulus

4. Therapeutic Music Exercise

- Therapeutic Logic
- Scientific Logic
- Musical Logic

5. Reassessment

6. Transformation/Transfer

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- Made up of standardized treatment techniques which are applied to therapy as Therapeutic Music Interventions, and are adaptable to the patient's needs.

Sensorimotor

RAS
PSE
TIMP

Speech and Language

MIT	MUSTIM
VIT	RSC
OMREX	TS
DSLML	SYCOM

Cognition

MACT	MSOT
MEFT	APT
MPC	MMT
MEM	AMMT
MNT	

