

Geisinger Health Plan Policies and Procedure Manual

Policy: MP119

Section: Medical Benefit Policy Subject: Therapeutic Listening

Applicable Lines of Business

Commercial	X	CHIP	Х
Medicare	Х	ACA	Х
Medicaid	Х		

I. Policy: Therapeutic Listening

II. Purpose/Objective:

To provide a policy of coverage regarding Therapeutic Listening

III. Responsibility:

- A. Medical Directors
- B. Medical Management

IV. Required Definitions

- 1. Attachment a supporting document that is developed and maintained by the policy writer or department requiring/authoring the policy.
- 2. Exhibit a supporting document developed and maintained in a department other than the department requiring/authoring the policy.
- 3. Devised the date the policy was implemented.
- 4. Revised the date of every revision to the policy, including typographical and grammatical changes.
- 5. Reviewed the date documenting the annual review if the policy has no revisions necessary.

V. Additional Definitions

Medical Necessity or Medically Necessary means Covered Services rendered by a Health Care Provider that the Plan determines are:

- a. appropriate for the symptoms and diagnosis or treatment of the Member's condition, illness, disease or injury:
- provided for the diagnosis, and the direct care and treatment of the Member's condition, illness disease or injury;
- c. in accordance with current standards of good medical treatment practiced by the general medical community.
- d. not primarily for the convenience of the Member, or the Member's Health Care Provider; and
- e. the most appropriate source or level of service that can safely be provided to the Member. When applied to hospitalization, this further means that the Member requires acute care as an inpatient due to the nature of the services rendered or the Member's condition, and the Member cannot receive safe or adequate care as an outpatient.

Medicaid Business Segment

Medically Necessary — A service, item, procedure, or level of care that is necessary for the proper treatment or management of an illness, injury, or disability is one that:

- Will, or is reasonably expected to, prevent the onset of an illness, condition, injury or disability.
- Will, or is reasonably expected to, reduce or ameliorate the physical, mental or developmental effects of an illness, condition, injury or disability.

Will assist the Member to achieve or maintain maximum functional capacity in performing daily activities, taking
into account both the functional capacity of the Member and those functional capacities that are appropriate for
Members of the same age

DESCRIPTION:

Therapeutic listening, also known as sound training, is a technique, which uses modified music in an effort to stimulate interconnections between the ear and the nervous system to integrate aspects of human development and behavior. This alternative therapy has been promoted as a treatment for children with attention deficit hyperactivity disorder (ADHD), autism, and pervasive learning disabilities.

Auditory Integration Training (AIT) is proposed to reduce over-sensitivity to sound. It involves listening to music that has been computer modified to remove frequencies to which an individual demonstrates hypersensitivities and to reduce the predictability of auditory patterns.

EXCLUSIONS:

The Plan does **NOT** provide coverage for therapeutic listening as a treatment for any indication (unless otherwise mandated under Act 62) because it is considered **experimental**, **investigational or unproven**. The Geisinger Technology Assessment Committee evaluated this technology and concluded that there is insufficient evidence in the peer-reviewed published medical literature to establish the effectiveness of this treatment methods, including but not limited to the Tomatis Method, Berard Method and Clark method on health outcomes when compared to established treatments or technologies

The Plan does **NOT** provide coverage for Auditory Integration Training (unless otherwise mandated under Act 62) because it is considered **experimental**, **investigational or unproven**. There is insufficient evidence in the peer-reviewed published medical literature to establish the effectiveness of this treatment on health outcomes when compared to established treatments or technologies

Medicaid Business Segment:

Any requests for services, that do not meet criteria set in the PARP, may be evaluated on a case by case basis.

Note: A complete description of the process by which a given technology or service is evaluated and determined to be experimental, investigational or unproven is outlined in MP 15 - Experimental Investigational or Unproven Services or Treatment.

CODING ASSOCIATED WITH: Therapeutic Listening

The following codes are included below for informational purposes and may not be all inclusive. Inclusion of a procedure or device code(s) does not constitute or imply coverage nor does it imply or guarantee provider reimbursement. Coverage is determined by the member specific benefit plan document and any applicable laws regarding coverage of specific services. Please note that per Medicare coverage rules, only specific CPT/HCPCS Codes may be covered for the Medicare Business Segment. Please consult the CMS website at www.cms.gov or the local Medicare Administrative Carrier (MAC) for more information on Medicare coverage and coding requirements.

CPT/HCPCS Codes:

97533 Sensory integrative techniques to enhance sensory processing and promote adaptive responses to environmental demands, direct (one-on-one) patient contact, each 15 minutes

97039 Unlisted modality

97799 Unlisted physical medicine/rehabilitation service or procedure

Current Procedural Terminology (CPT®) © American Medical Association: Chicago, IL.

LINE OF BUSINESS:

Eligibility and contract specific benefits, limitations and/or exclusions will apply. Coverage statements found in the line of business specific benefit document will supersede this policy. For Medicare, applicable LCD's and NCD's will supercede this policy. For PA Medicaid Business segment, this policy applies as written.

REFERENCES:

Geisinger Clinic Technology Assessment Triage Group. Therapeutic Listening. Nov 2003.

Thompson BM, Andrews SR, "A historical commentary on the physiological effects of music: Tomatis, Mozart and neuropsychology". *Integrative & Behavioral Science*. 35(3):174-188, 2000 Jul-Sep.

Baumgarertel A., "Alternative and controversial treatments for attention-deficit/hyperactivity disorder". *Pediatric Clinics of North America*. 46(5):977-992, 1999 Oct.

"The use of alternative therapies in treating children with attention deficit hyperactivity disorder". <u>Psychosocial Paediatrics</u> Committee, Canadian Paediatric Society. *Paediatrics & Child Health 2002*; 7(10):710-718. Reference No. PP 2002-03.

American Speech-Language-Hearing Association (AHSA). Technical Report- Auditory Integration Training. Position Statement 2004. Accessed on November 4,2005 at http://www.asha.org/NR/EC6C8637-57F34AD-AEBB-66F6BE3DEE72/0/18943 3.pdf

Sinha Y, Silove N, Wheeler D, Williams K. Auditory integration training and other sound therapies for autism spectrum disorders. *Cochrane Database Syst. Rev.* 2004;(1):CD003681.

American Academy of Pediatrics. Auditory Integration Training and Facilitated Communication for Autism. Committee on Children with Disabilities. Pediatrics 1998; 102:431-433. Accessed on January 31, 2006 at: http://www.pediatrics.org/cgi/content/full/102/2/431

ECRI. Auditory Integration Training for Behavioral, Emotional and Hearing Disorders. (Hotline) February 3,2005

Barbaresi WJ, Katusic SK, Voigt RG. Autism – A review of the state of the science for pediatric primary health care clinicians. Arch Pediatr Adolesc Med. 2006;160:1167-1175.

Spangler C, Bellis TJ, Madell J, et al. American Academy of Audiology position statement. Auditory Integration Training (AIT). October 2010.

Sokhadze EM, Casanova MF, Tasman A, et al. Electrophysiological and behavioral outcomes of Berard auditory integration training (AIT) in children with autism spectrum disorder. Appl Psychophysiol Biofeedback. 2016 Dec;41(4):405-420

En CC, Chih PL. A Sound-based Intervention for Children with Sensory Processing Disorders in Taiwan. Neuropsychiatry (2017) Volume 7, Issue 5

Camarata S, Miller LJ, Wallace MT, et al. Evaluating sensory integration/sensory processing treatment: Issues and analysis. Front Integr Neurosci. 2020;14:556660.

Wuang Y-P, Huang C-L, Tsai H-Y, et al. Sensory integration and perceptual-motor profiles in school-aged children with autistic spectrum disorder. Neuropsychiatr Dis Treat. 2020;16:1661-1673.

This policy will be revised as necessary and reviewed no less than annually.

Devised: 11/03

Revised: 11/05 (updated exclusions); 11/06 (exclusions)

Reviewed: 11/04, 12/07, 12/08, 01/10, 1/11, 1/12, 1/13, 1/14, 1/15, 1/16, 1/17, 12/17, 12/18, 12/19, 12/20, 12/21, 12/22, 12/23

Geisinger Health Plan may refer collectively to health care coverage sponsors Geisinger Health Plan, Geisinger Quality Options, Inc., and Geisinger Indemnity Insurance Company, unless otherwise noted. Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

Coverage for experimental or investigational treatments, services and procedures is specifically excluded under the member's certificate with Geisinger Health Plan. Unproven services outside of an approved clinical trial are also specifically excluded under the member's certificate with Geisinger Health Plan. This policy does not expand coverage to services or items specifically excluded from coverage in the member's certificate with Geisinger Health Plan. Additional information can be found in MP015 Experimental, Investigational or Unproven Services.

Prior authorization and/or pre-certification requirements for services or items may apply. Pre-certification lists may be found in the member's contract specific benefit document. Prior authorization requirements can be found at https://www.geisinger.org/health-plan/providers/ghp-clinical-policies

Please be advised that the use of the logos, service marks or names of Geisinger Health Plan, Geisinger Quality Options, Inc. and Geisinger Indemnity Insurance Company on a marketing, press releases or any communication piece regarding the contents of this medical policy is strictly prohibited

without the prior written consent of Geisinger Health Plan. Additionally, the above medical policy does not confer a Plan, Geisinger Quality Options, Inc. and Geisinger Indemnity Insurance Company regarding the medical service, described under this medical policy.	any endorsement by Geisinger Health medical device or medical lab test
described under this medical policy.	