

Policy: MP227

Section: Medical Benefit Policy

Subject: Spaced Retrieval Training

Applicable line of business:

Commercial	x	Medicaid	x
Medicare	x	ACA	x
CHIP	x		

I. Policy: Spaced Retrieval Training

II. Purpose/Objective:

To provide a policy of coverage regarding Spaced Retrieval Training

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.

Commercial

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.

Medicare

Geisinger Gold Medicare Advantage HMO, PPO, and HMO D-SNP plans are offered by Geisinger Health Plan/Geisinger Indemnity Insurance Company, health plans with a Medicare contract. Continued enrollment in Geisinger Gold depends on contract renewal. Geisinger Health Plan/Geisinger Indemnity Insurance Company are part of Geisinger, an integrated health care delivery and coverage organization.

CHIP

Geisinger Health Plan Kids (GHP Kids) is a Children's Health Insurance Program (CHIP) offered by Geisinger Health Plan in conjunction with the Pennsylvania Department of Human Services (DHS). Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

Medicaid

Geisinger Health Plan Family (GHP Family) is a Medical Assistance (Medicaid) insurance program offered by Geisinger Health Plan in conjunction with the Pennsylvania Department of Human Services (DHS). Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization

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;
- b. 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:

Spaced-Retrieval (SR) is a memory intervention that gives individuals practice at successfully recalling information over progressively longer intervals of time. The goal of SR is to enable individuals to remember important information for clinically meaningful periods of time.

SRT is not considered to be a monotherapy. It can and should be utilized in combination other interventions as part of a broader treatment plan.

EXCLUSIONS:

There is insufficient evidence in the current peer-reviewed, published medical literature to support the use of spaced retrieval training as a monotherapy for any application at this time. The use of this modality as a “stand-alone” therapy for cognitive impairment and/or memory-recall impairment is considered **unproven** and is **NOT COVERED**.

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.

CODING ASSOCIATED WITH: Spaced Retrieval Training

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.

HCCPS/CPT Coding

97129 therapeutic interventions that focus on cognitive function (eg, attention, memory, reasoning, executive function, problem solving, and/or pragmatic functioning) and compensatory strategies to manage the performance of an activity (eg, managing time or schedules, initiating, organizing and sequencing tasks), direct (one-on-one) patient contact

97130 each additional 15 minutes

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

LINE OF BUSINESS:

Eligibility and contract specific benefit limitations and/or exclusions will apply. Coverage statements found in the line of business specific benefit document will supercede 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:

Fridriksson J, Holland AL, Beeson P, Morrow L. Spaced retrieval treatment of anomia. *Aphasiology*. 2005;19(2):99–109. <http://www.pubmedcentral.nih.gov/picrender.fcgi?artid=1486764&blobtype=pdf>

Hawley KS, Cherry KE. Spaced-Retrieval Effects on Name-Face Recognition in Older Adults with Probable Alzheimer's Disease. *Behavior Modification* 2004;28(2): 276-296 <http://bmo.sagepub.com/cgi/content/abstract/28/2/276>

Ozgis S, Rendell PG, Henry JD. Spaced Retrieval Significantly Improves Prospective Memory Performance of Cognitively Impaired Older Adults. *Gerontology* 2008 Oct 9 (e-pub).

Lee SB, Park CS, Jeong JW et al. Effects of spaced retrieval training (SRT) on cognitive function in Alzheimer's disease (AD) patients. *Arch Gerontology and Geriatrics*. 19 December 2008 (e-pub). <http://www.journals.elsevierhealth.com/periodicals/aggr/article/PIIS0167494308002100/abstract>

Hooper T, Mahendra N, Kim E, Azuma T, et al. Evidence based practice recommendations for working with individuals with Alzheimer's disease: Spaced-retrieval training. Academy of Neurologic Communication Disorders and Sciences. http://www.ancds.org/pdf/articles/SRT_PDF_Hooper.pdf

Kinsella GJ, Ong B, Storey E, et al. Elaborated spaced-retrieval and prospective memory in mild Alzheimer's disease. *Neuropsychol Rehabil* 2007;17(6):688-706.

Cherry KE, Simmons-DeGerolamo SS. Long-term effectiveness of spaced-retrieval memory training for older adults with probable Alzheimer's disease. *Exp Aging Res* 2005;31(3):261-89.

Grandmaison E, Simard M. A critical review of memory stimulation programs in Alzheimer's disease. *J. Neuropsychiatry Clin Neurosci*. 2003 Spring;15(2):130-44. <http://neuro.psychiatryonline.org/cgi/reprint/15/2/130>

Davis RN, Massman PJ, Doody RS. Cognitive intervention in Alzheimer disease: a randomized placebo-controlled study. *Alzheimer Dis Assoc Disord* 2001;15(1):1-9.

Oren S, Willerton C, Small J. Effects of Spaced Retrieval Training on Semantic Memory in Alzheimer's Disease: A Systematic Review. *Journal of Speech, Language, and Hearing Research* 2014;57(1):247-270.

Small JA, Cochrane D. Spaced Retrieval and Episodic Memory Training in Alzheimer's Disease. *Clin Interv Aging*. 2020;15:519-536.

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

Devised: 3/09

Revised:

Reviewed: 7/10, 7/11, 7/12, 7/13, 7/14, 7/15, 7/16, 6/17, 6/18, 6/19, 6/20, 6/21, 6/22, 6/23, 6/24, 6/25

CMS UM Oversight Committee Approval: 12/23, 7/24, 8/25

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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 any endorsement by Geisinger Health Plan, Geisinger Quality Options, Inc. and Geisinger Indemnity Insurance Company regarding the medical service, medical device or medical lab test described under this medical policy.

