

Transition to AIM Specialty Health Rehabilitative Services Clinical Appropriateness Guidelines

Effective October 1, 2020, Healthy Blue will transition the clinical criteria for medical necessity review of certain outpatient rehabilitative services from our clinical guidelines for physical therapy CG-REHAB-04, occupational therapy CG-REHAB-05 and ~~speech~~ language pathology CG-REHAB-06 to *AIM Specialty Health®* Rehabilitative Service Clinical Appropriateness Guidelines*. These reviews will continue to be completed by the utilization management team.

Access and download a copy of the current and upcoming guidelines [here](#).*

* AIM Specialty Health is an independent company providing some utilization review services on behalf of Healthy Blue.

CLINICAL APPROPRIATENESS GUIDELINES

OUTPATIENT REHABILITATIVE AND HABILITATIVE SERVICES

Appropriate Use Criteria: Physical Therapy, Occupational Therapy,
and Speech Therapy

EFFECTIVE OCTOBER 01, 2020

Proprietary

Approval and implementation dates for specific health plans may vary. Please consult the applicable health plan for more details.
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REH01-1020.1

Table of Contents

CLINICAL APPROPRIATENESS GUIDELINES 1

Table of Contents 2

Description and Application of the Guidelines 3

General Clinical Guideline 4

 Clinical Appropriateness Framework 4

 Simultaneous Ordering of Multiple Diagnostic or Therapeutic Interventions 4

 Repeat Diagnostic Intervention 4

 Repeat Therapeutic Intervention 5

REHABILITATIVE AND HABILITATIVE THERAPIES 6

Physical Therapy 6

 General Information 6

 Clinical Indications 7

 Exclusions 9

 Codes 9

 References 11

Occupational Therapy 14

 General Information 14

 Clinical Indications 15

 Exclusions 17

 Codes 17

 References 19

Speech-Language Pathology 21

 General Information 21

 Clinical Indications 23

 Exclusions 24

 Codes 24

 References 25

ADJUNCTIVE & ALTERNATIVE TREATMENTS 27

Physical Therapy and Occupational Therapy Adjunctive Treatments 27

 General Information 27

 Clinical Indications 29

 Exclusions 30

 Codes 31

Speech Therapy Alternative Treatments 33

 General Information 33

 Clinical Indications 34

 Exclusions 35

 Codes 35

History 36

Description and Application of the Guidelines

The AIM Clinical Appropriateness Guidelines (hereinafter “the AIM Clinical Appropriateness Guidelines” or the “Guidelines”) are designed to assist providers in making the most appropriate treatment decision for a specific clinical condition for an individual. As used by AIM, the Guidelines establish objective and evidence-based criteria for medical necessity determinations where possible. In the process, multiple functions are accomplished:

- To establish criteria for when services are medically necessary
- To assist the practitioner as an educational tool
- To encourage standardization of medical practice patterns
- To curtail the performance of inappropriate and/or duplicate services
- To advocate for patient safety concerns
- To enhance the quality of health care
- To promote the most efficient and cost-effective use of services

The AIM guideline development process complies with applicable accreditation standards, including the requirement that the Guidelines be developed with involvement from appropriate providers with current clinical expertise relevant to the Guidelines under review and be based on the most up-to-date clinical principles and best practices. Relevant citations are included in the References section attached to each Guideline. AIM reviews all of its Guidelines at least annually.

AIM makes its Guidelines publicly available on its website twenty-four hours a day, seven days a week. Copies of the AIM Clinical Appropriateness Guidelines are also available upon oral or written request. Although the Guidelines are publicly-available, AIM considers the Guidelines to be important, proprietary information of AIM, which cannot be sold, assigned, leased, licensed, reproduced or distributed without the written consent of AIM.

AIM applies objective and evidence-based criteria, and takes individual circumstances and the local delivery system into account when determining the medical appropriateness of health care services. The AIM Guidelines are just guidelines for the provision of specialty health services. These criteria are designed to guide both providers and reviewers to the most appropriate services based on a patient’s unique circumstances. In all cases, clinical judgment consistent with the standards of good medical practice should be used when applying the Guidelines. Guideline determinations are made based on the information provided at the time of the request. It is expected that medical necessity decisions may change as new information is provided or based on unique aspects of the patient’s condition. The treating clinician has final authority and responsibility for treatment decisions regarding the care of the patient and for justifying and demonstrating the existence of medical necessity for the requested service. The Guidelines are not a substitute for the experience and judgment of a physician or other health care professionals. Any clinician seeking to apply or consult the Guidelines is expected to use independent medical judgment in the context of individual clinical circumstances to determine any patient’s care or treatment.

The Guidelines do not address coverage, benefit or other plan specific issues. Applicable federal and state coverage mandates take precedence over these clinical guidelines. If requested by a health plan, AIM will review requests based on health plan medical policy/guidelines in lieu of the AIM Guidelines.

The Guidelines may also be used by the health plan or by AIM for purposes of provider education, or to review the medical necessity of services by any provider who has been notified of the need for medical necessity review, due to billing practices or claims that are not consistent with other providers in terms of frequency or some other manner.

General Clinical Guideline

Clinical Appropriateness Framework

Critical to any finding of clinical appropriateness under the guidelines for a specific diagnostic or therapeutic intervention are the following elements:

- Prior to any intervention, it is essential that the clinician confirm the diagnosis or establish its pretest likelihood based on a complete evaluation of the patient. This includes a history and physical examination and, where applicable, a review of relevant laboratory studies, diagnostic testing, and response to prior therapeutic intervention.
- The anticipated benefit of the recommended intervention should outweigh any potential harms that may result (net benefit).
- Current literature and/or standards of medical practice should support that the recommended intervention offers the greatest net benefit among competing alternatives.
- Based on the clinical evaluation, current literature, and standards of medical practice, there exists a reasonable likelihood that the intervention will change management and/or lead to an improved outcome for the patient.

Providers may be required to submit clinical documentation in support of a request for services. Such documentation must a) be current enough to accurately reflect the clinical situation at the time of the requested service, and b) contain the elements necessary to determine compliance with guideline criteria without AIM physician reviewers having to make assumptions or interpretations about an ordering provider's clinical intent.

If these elements are not established with respect to a given request, the determination of appropriateness will most likely require a peer-to-peer conversation to understand the individual and unique facts that would supersede the requirements set forth above. During the peer-to-peer conversation, factors such as patient acuity and setting of service may also be taken into account.

Simultaneous Ordering of Multiple Diagnostic or Therapeutic Interventions

Requests for multiple diagnostic or therapeutic interventions at the same time will often require a peer-to-peer conversation to understand the individual circumstances that support the medical necessity of performing all interventions simultaneously. This is based on the fact that appropriateness of additional intervention is often dependent on the outcome of the initial intervention.

Additionally, either of the following may apply:

- Current literature and/or standards of medical practice support that one of the requested diagnostic or therapeutic interventions is more appropriate in the clinical situation presented; or
- One of the diagnostic or therapeutic interventions requested is more likely to improve patient outcomes based on current literature and/or standards of medical practice.

Repeat Diagnostic Intervention

In general, repeated testing of the same anatomic location for the same indication should be limited to evaluation following an intervention, or when there is a change in clinical status such that additional testing is required to determine next steps in management. At times, it may be necessary to repeat a test using different techniques or protocols to clarify a finding or result of the original study.

Repeated testing for the same indication using the same or similar technology may be subject to additional review or require peer-to-peer conversation in the following scenarios:

- Repeated diagnostic testing at the same facility due to technical issues
- Repeated diagnostic testing requested at a different facility due to provider preference or quality concerns

- Repeated diagnostic testing of the same anatomic area based on persistent symptoms with no clinical change, treatment, or intervention since the previous study
- Repeated diagnostic testing of the same anatomic area by different providers for the same member over a short period of time

Repeat Therapeutic Intervention

In general, repeated therapeutic intervention in the same anatomic area may be considered appropriate when the prior intervention proved effective or beneficial and the expected duration of relief has lapsed. A repeat intervention requested prior to the expected duration of relief is not appropriate unless it can be confirmed that the prior intervention was never administered. For situations wherein ongoing services might be appropriate, requests for subsequent services may be denied until completion of the previously authorized services so that patient response to the previously authorized services can be considered.

REHABILITATIVE AND HABILITATIVE THERAPIES

Physical Therapy

General Information

Background

Physical therapy, also known as physiotherapy, is a skilled, nonsurgical treatment involving education, active exercise as well as passive measures in order to maximize physical mobility and function, and quality of life. Physical therapy is a goal-directed and collaborative approach, most commonly employed when abilities have been impaired due to a medical condition, disease, or injury.

Details and Scope

The purpose of this guideline is to establish conceptual principles and documentation requirements for the appropriate initial and subsequent use of outpatient physical therapy services for habilitation and rehabilitation, and maintenance programs. This guideline does not provide specific clinical requirements or direction for a given episode of physical therapy. Specific types of physical therapy interventions, for instance hippotherapy or wobble board, may be subject to additional guidelines (please refer to the Adjunctive and Alternative Treatments section of this document). Requirements defined by benefit design (maximum number of physical therapy visits), state and federal regulations supersede this guideline.

For requests that meet the specific criteria set forth in the clinical guidelines, determination of the appropriate number of visits will depend on some or all of the following case details as applicable to the individual clinical circumstances:

- Functional outcome tool and/or severity of impairment
- History of pertinent surgery
- Comorbidities expected to impact treatment
- Progress toward functional goals (or mitigating factors if lack of progress)
- Existence of additional, achievable, functional goals
- Potential for progress
- Revisions to the plan of care

Requesting providers will need to provide information on such factors in order to support their request for more than an evaluation visit. A peer-to-peer conversation may be required to determine appropriateness in certain cases.

Definitions

- **Acceptable mitigating factors** refers to issues which could realistically contribute to or fully account for the lack of progress/improvement that would otherwise be expected during a course of treatment. These include but are not limited to an intervening fall, injury, illness, surgery, or hospitalization, transportation difficulties, or poor response to the initial treatment plan.
- **Caregiver** refers to someone who regularly looks after or helps with the care of the child or adult (patient) with the disability.
- **Duplicative therapy** refers to treatments by more than one provider (same or different discipline) which are 1) rendered during an overlapping time period, 2) intended to treat the same or similar body parts

(e.g., arm and shoulder), conditions or diagnoses, and 3) have substantively similar goals (e.g., improved functional shoulder range of motion).

- **Evidence-based therapy** refers to therapy that is supported by peer reviewed literature demonstrating that the benefits of the intervention are likely to outweigh the harms. Specific forms of PT, especially those that are new and/or less commonly performed, may be subject to additional medical necessity criteria which is beyond the scope of this document.
- **Habilitation** refers to services performed to help patients develop skills and functions for daily living that have not yet been acquired at an age appropriate level ^{1,2} or keep those skills and functions which are at risk of being permanently lost (not merely fluctuating) due to illness or disease without the habilitative service.
- **Maintenance program** is defined as a program provided to the patient expressly to maintain the patient's current condition or to prevent or slow further deterioration due to a disease or illness. The creation, design and instruction of the program must require the skilled knowledge or judgement of a qualified therapist. A prescribed maintenance program can generally be performed by the patient individually or with the assistance of a caregiver. The provision of such a program would be considered a skilled intervention.
- **Qualified physical therapy provider** refers to a physical therapist or physical therapy assistant or other provider type who is duly licensed or certified, respectively, by his/her state to deliver physical therapy services and who provides such services in accordance with his/her state's PT practice act. State regulations regarding appropriate providers may supersede this guideline.
- **Rehabilitation** focuses on the maximal restoration of physical and psychological function in persons with injuries, pain syndromes, and/or other physical or cognitive impairments.³
- **Self-limited** refers to impairments caused by a disease process or surgical intervention that are expected to resolve in the near term solely with resumption of normal activity and/or a nonsupervised home exercise program.
- **Skilled services** are those services which require a qualified provider to administer the treatment plan. A service is not considered skilled simply because a qualified provider is performing it.

Note: Illness includes a wide range of conditions. For purposes of clarity, illness includes, but is not limited to, autism spectrum disorder and developmental delay.

Clinical Indications

Initiation of physical therapy for rehabilitative or habilitative services is considered medically necessary when criteria for both A and B are met:

A. Initial Physical Therapy Evaluation

Initial physical therapy evaluation is performed by a qualified physical therapy provider documenting ALL of the following:

- The reason for referral, specifically a condition that causes or contributes to one or more impairments in physical function that is not self-limited
- A need for physical therapy to restore function (in rehabilitation), keep, learn, or improve function that has not yet been acquired at any age appropriate level (in habilitation) or if clinically indicated, prevent loss of function that is at risk of being lost (in habilitation)
- A relevant case history including comorbidities expected to impact treatment, a relevant physical examination, and a review of supporting, available documentation

- Functional impairment on at least 1 relevant, validated, therapist-rated and/or patient-reported outcome measure
- Potential for clinically meaningful progress (for rehabilitation, and as applicable for habilitation), the assessment of which must be supported by clinical details documented within the evaluation

B. Individualized Physical Therapy Plan of Care

Individualized physical therapy plan requires the skill and training of a qualified physical therapy provider employing interventions and delivery methods that are evidence based and/or adhere to recognized standards of practice. There must be a reasonable expectation that the condition being treated is amenable to such intervention and that clinically meaningful, sustained improvement (or lack of decline in certain cases of habilitation) will be achieved. This plan must include all of the following components:

- One or more goals which are
 - Specific
 - Measurable
 - Likely to be attained in a reasonable amount of time
 - Based on clinically significant improvement in the functional impairment(s) identified on initial evaluation
 - Formulated in collaboration with the patient and/or primary caregiver
- Recommended frequency and estimated duration of treatment needed to achieve documented goals
- Patient and/or caregiver education particularly related to the patient's individual goals
- A recommendation for evaluation/examination by a physician or otherwise appropriate provider if there is reasonable suspicion that an undiagnosed condition outside therapist's scope of practice is present or limiting current progression towards goals

Proceeding with physical therapy services is considered medically necessary when ALL of the following criteria (A-E) are met:

A. Require the skills and training of a qualified physical therapy provider:

- The skilled intervention(s) must be clearly denoted in the documentation

B. ANY of the following:

- Therapy has produced clinically meaningful improvement on reassessment of one or more of the therapist-rated or patient centered outcome measures documented at baseline
- There is otherwise qualitative and sustained progress clearly tied to the functional goals established on initial evaluation
- There is little to no demonstrable progress; however, there are acceptable mitigating factors and a treatment plan has been revised accordingly
- There is confirmation of functional status being maintained in cases where there is no expectation of functional progress (e.g., some cases of habilitation)

C. There is ongoing patient and/or caregiver education and/or training

D. There is at least one unmet functional or caregiver training goal

E. There is an expectation that the remaining goal(s) will be met with additional therapy within a reasonable and defined period of time

A recommendation for evaluation/examination by a physician or otherwise appropriate provider must be made if there is poor progression toward goals due to new or persistent symptoms

Institution of a physical therapy maintenance program may be considered medically necessary in specific circumstances (refer to Definitions section)

Exclusions

The following are considered **not medically necessary**:

- Maintenance therapies extending beyond the creation, design, and instruction of a therapy program
- Therapies for which the primary purpose is anything other than rehabilitation or habilitation of a functional impairment due to medical illness, disease, condition, or injury. This includes therapies to improve recreational sports performance or general fitness, provide massage, or athletic taping.
- Therapies deemed to be duplicative (see definition above)
- Any and all non-skilled services

Codes

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CPT/HCPCS

Specific CPT codes for services should be used when available. Non-specific or not otherwise classified codes may be subject to additional documentation requirements and review.

0552T	.....Low-level laser therapy, dynamic photonic and dynamic thermokinetic energies, provided by a physician or other qualified health care professional
20560	.....Needle insertion(s) without injection(s), 1 or 2 muscle(s)
20561	.....Needle insertion(s) without injection(s), 3 or more muscle(s)
90901	.....Biofeedback training by any modality (when done for medically necessary indications)
90912	.....Biofeedback training for bowel or bladder control, initial 15 minutes
90913	.....Biofeedback training for bowel or bladder control, additional 15 minutes
94667	.....Demonstration and/or evaluation of manual maneuvers to chest wall to assist movement of lung secretions
94668	.....Manual maneuvers to chest wall to assist movement of lung secretions
96001	.....Three-dimensional, video-taped, computer-based gait analysis during walking
97010	.....Application of hot or cold packs to 1 or more areas
97012	.....Application of mechanical traction to 1 or more areas
97014	.....Application of electrical stimulation to 1 or more areas, unattended by therapist
97016	.....Application of blood vessel compression or decompression device to 1 or more areas
97018	.....Application of hot wax bath to 1 or more areas
97022	.....Application of whirlpool therapy to 1 or more areas
97024	.....Application of heat wave therapy to 1 or more areas
97026	.....Application of low energy heat (infrared) to 1 or more areas
97028	.....Application of ultraviolet light to 1 or more areas
97032	.....Application of electrical stimulation to 1 or more areas
97033	.....Application of medication through skin using electrical current, each 15 minutes
97034	.....Therapeutic hot and cold baths to 1 or more areas, each 15 minutes

- 97035Application of ultrasound to 1 or more areas, each 15 minutes
- 97036Physical therapy treatment to 1 or more areas, Hubbard tank, each 15 minutes
- 97039Unlisted modality (specify type and time if constant attendance)
- 97110Therapeutic exercise to develop strength, endurance, range of motion, and flexibility, each 15 minutes
- 97112Therapeutic procedure to re-educate brain-to-nerve-to-muscle function, each 15 minutes
- 97113Water pool therapy with therapeutic exercises to 1 or more areas, each 15 minutes
- 97116Walking training to 1 or more areas, each 15 minutes
- 97124Therapeutic massage to 1 or more areas, each 15 minutes
- 97139Unlisted therapeutic procedure (specify)
- 97140Manual (physical) therapy techniques to 1 or more regions, each 15 minutes
- 97150Therapeutic procedures in a group setting
- 97161Evaluation of physical therapy, typically 20 minutes
- 97162Evaluation of physical therapy, typically 30 minutes
- 97163Evaluation of physical therapy, typically 45 minutes
- 97164Re-evaluation of physical therapy, typically 20 minutes
- 97530Therapeutic activities to improve function, with one-on-one contact between patient and provider, each 15 minutes
- 97533Sensory technique to enhance processing and adaptation to environmental demands, each 15 minutes
- 97535Self-care or home management training, each 15 minutes
- 97537Community or work reintegration training, each 15 minutes
- 97542Wheelchair management, each 15 minutes
- 97545Work hardening or conditioning, first 2 hours
- 97546Work hardening or conditioning
- 97597Removal of tissue from wounds per session
- 97598Removal of tissue from wounds per session
- 97602Removal of tissue from wounds per session
- 97750Physical performance test or measurement with report, each 15 minutes
- 97755Assistive technology assessment to enhance functional performance, each 15 minutes
- 97760Training in use of orthotics (supports, braces, or splints) for arms, legs and/or trunk, per 15 minutes
- 97761Training in use of prosthesis for arms and/or legs, per 15 minutes
- 97763Management and/or training in use of orthotics (supports, braces, or splints) for arms, legs, and/or trunk, per 15 minutes
- G0281Electrical stimulation, for chronic stage III and stage IV pressure ulcers, arterial ulcers, diabetic ulcers, and venous stasis ulcers
- G0282Electrical stimulation, to one or more areas, for wound care
- G0283Electrical Stimulation, to one or more areas, for other than wound care
- G0295Electromagnetic therapy, one or more areas, for wound care
- G0329Electromagnetic therapy, to one or more areas for chronic stage III and stage IV pressure ulcers, arterial ulcers, diabetic ulcers and venous stasis ulcers
- S8940.....Therapeutic horseback riding, per session
- S8948.....Treatment with low level laser (phototherapy) each 15 minutes
- S8950.....Complex lymphedema therapy, each 15 minutes
- S8990.....Physical or manipulative therapy for maintenance
- S9090.....Vertebral axial decompression (lumbar traction), per session

Modifiers

- 96Habilitative Services
- 97Rehabilitative Services

ICD-10 Diagnosis

Refer to the ICD-10 CM manual

References

1. U.S. Centers for Medicare & Medicaid Services. Glossary - Habilitative/Habilitation Services. Baltimore (MD): U.S. Centers for Medicare & Medicaid Services; 2018.
2. U.S. Centers for Medicare & Medicaid Services. Habilitative/Habilitation Services. Baltimore (MD): U.S. Centers for Medicare & Medicaid Services; 2018.
3. U.S. Department of Health and Human Services NIOH. Physical Medicine and Rehabilitation. Bethesda (MD): U.S. National Library of Medicine; 2004.
4. National Institute for Health and Care Excellence (NICE). Spasticity in under 19s: management, cg145.: National Institute for Health and Care Excellence (NICE), ; 2012. p. 41.
5. National Institute for Health and Care Excellence (NICE). Stroke rehabilitation. Long-term rehabilitation after stroke, cg 162. London (UK): National Institute for Health and Care Excellence (NICE); 2013. p. 45.
6. Scottish Intercollegiate Guidelines Network. Management of patients with stroke: Rehabilitation, prevention and management of complications, and discharge planning ncg118. Edinburgh (UK): Scottish Intercollegiate Guidelines Network,; 2010. p. 108.
7. Cincinnati Children's Hospital Medical Center. Evidence-based care guideline for post-operative management of Legg-Calve-Perthes disease in children aged 3 to 12 years. Cincinnati (OH): Cincinnati Children's Hospital Medical Center; 2013. p. 18.
8. VA/DoD Non-Surgical Management of Hip and Knee Osteoarthritis Working Group. VA/DoD clinical practice guideline for the non-surgical management of hip and knee osteoarthritis. Washington (DC): Department of Veterans Affairs, Department of Defense; 2014. p. 126.
9. National Institute for Health and Care Excellence (NICE). The management of hip fracture in adults, cg124. London (UK): National Institute for Health and Care Excellence (NICE), ; 2017. p. 664.
10. American Academy of Orthopaedic Surgeons. Management of osteoarthritis of the hip: Evidence-based clinical practice guideline. Rosemont, Illinois: American Academy of Orthopaedic Surgeons; 2017. p. 853.
11. Ward MM, Deodhar A, Akl EA, et al. American College of Rheumatology/Spondylitis Association of America/Spondyloarthritis Research and Treatment Network 2015 Recommendations for the Treatment of Ankylosing Spondylitis and Nonradiographic Axial Spondyloarthritis. *Arthritis & rheumatology* (Hoboken, NJ). 2016;68(2):282-98.
12. National Institute for Health and Care Excellence (NICE). Parkinson's disease in adults cg71. London (UK): National Institute for Health and Care Excellence (NICE); 2017. p. 30.
13. American Academy of Orthopaedic Surgeons (AAOS). American Academy of Orthopaedic Surgeons appropriate use criteria for management of osteochondritis dissecans of the femoral condyle. Rosemont (IL): American Academy of Orthopaedic Surgeons (AAOS); 2015. p. 79.
14. American Academy of Orthopaedic Surgeons (AAOS). American Academy of Orthopaedic Surgeons clinical practice guideline on management of hip fractures in the elderly. Rosemont (IL): American Academy of Orthopaedic Surgeons (AAOS); 2014. p. 521.
15. Cincinnati Children's Hospital Medical Center. Evidence-based care guideline for conservative management of lateral patellar dislocations and instability in children and young adults aged 8-25 years. . Cincinnati (OH): Cincinnati Children's Hospital Medical Center; 2014. p. 30.
16. Coroneos CJ, Voineskos SH, Christakis MK, et al. Obstetrical brachial plexus injury (OBPI): Canada's national clinical practice guideline. *BMJ open*. 2017;7(1):e014141.
17. Flannery AM, Tamber MS, Mazzola C, et al. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for the Management of Patients with Positional Plagiocephaly Executive Summary. *Neurosurgery*. 2016;79(5):623-4.
18. Kaplan SL, Coulter C, Fetters L. Physical Therapy Management of Congenital Muscular Torticollis: An Evidence-Based Clinical Practice Guideline (FROM THE SECTION ON PEDIATRICS OF THE AMERICAN PHYSICAL THERAPY ASSOCIATION). *Pediatric Physical Therapy*. 2013;25(4):348-94.
19. National Institute for Health and Care Excellence (NICE). Rheumatoid arthritis in adults: management cg79. London (UK): National Institute for Health and Care Excellence (NICE), ; 2009. p. 18.

20. de Almeida JR, Guyatt GH, Sud S, et al. Management of Bell palsy: clinical practice guideline. CMAJ : Canadian Medical Association journal = journal de l'Association medicale canadienne. 2014;186(12):917-22.
21. Tawil R, Kissel JT, Heatwole C, et al. Evidence-based guideline summary: Evaluation, diagnosis, and management of facioscapulohumeral muscular dystrophy: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology and the Practice Issues Review Panel of the American Association of Neuromuscular & Electrodiagnostic Medicine. Neurology. 2015;85(4):357-64.
22. Narayanaswami P, Weiss M, Selcen D, et al. Evidence-based guideline summary: diagnosis and treatment of limb-girdle and distal dystrophies: report of the guideline development subcommittee of the American Academy of Neurology and the practice issues review panel of the American Association of Neuromuscular & Electrodiagnostic Medicine. Neurology. 2014;83(16):1453-63.
23. Kelly DA, Bucuvalas JC, Alonso EM, et al. Long-term medical management of the pediatric patient after liver transplantation: 2013 practice guideline by the American Association for the Study of Liver Diseases and the American Society of Transplantation. Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society. 2013;19(8):798-825.
24. American Academy of Orthopaedic Surgeons. American Academy of Orthopaedic Surgeons clinical practice guideline on management of anterior cruciate ligament injuries. Rosemont (IL): American Academy of Orthopaedic Surgeons,; 2014. p. 619.
25. Zhang W, Moskowitz RW, Nuki G, et al. OARSI recommendations for the management of hip and knee osteoarthritis, Part II: OARSI evidence-based, expert consensus guidelines. Osteoarthritis and cartilage. 2008;16(2):137-62.
26. Cibulka MT, Bloom NJ, Ensey KR, et al. Hip Pain and Mobility Deficits-Hip Osteoarthritis: Revision 2017. The Journal of orthopaedic and sports physical therapy. 2017;47(6):A1-a37.
27. Bier JD, Scholten-Peeters WGM, Staal JB, et al. Clinical Practice Guideline for Physical Therapy Assessment and Treatment in Patients With Nonspecific Neck Pain. Physical therapy. 2018;98(3):162-71.
28. Blanpied PR, Gross AR, Elliott JM, et al. Neck Pain: Revision 2017. The Journal of orthopaedic and sports physical therapy. 2017;47(7):A1-a83.
29. Kelley MJ, Shaffer MA, Kuhn JE, et al. Shoulder pain and mobility deficits: adhesive capsulitis. The Journal of orthopaedic and sports physical therapy. 2013;43(5):A1-31.
30. Martin RL, Davenport TE, Reischl SF, et al. Heel pain-plantar fasciitis: revision 2014. The Journal of orthopaedic and sports physical therapy. 2014;44(11):A1-33.
31. Martin RL, Davenport TE, Paulseth S, et al. Ankle stability and movement coordination impairments: ankle ligament sprains. The Journal of orthopaedic and sports physical therapy. 2013;43(9):A1-40.
32. Logerstedt DS, Scalzitti D, Risberg MA, et al. Knee Stability and Movement Coordination Impairments: Knee Ligament Sprain Revision 2017. The Journal of orthopaedic and sports physical therapy. 2017;47(11):A1-a47.
33. VA/DoD Management of Concussion-mild Traumatic Brain Injury Working Group. VA/DoD clinical practice guideline for the management of concussion-mild traumatic brain injury. Washington (DC): Department of Veterans Affairs, Department of Defense; 2016. p. 133.
34. (NICE) National Collaborating Centre for Women's and Children's Health. Urinary incontinence: the management of urinary incontinence in women. London (UK): National Institute for Health and Care Excellence (NICE); 2013. p. 48.
35. Hall CD, Herdman SJ, Whitney SL, et al. Vestibular Rehabilitation for Peripheral Vestibular Hypofunction: An Evidence-Based Clinical Practice Guideline: FROM THE AMERICAN PHYSICAL THERAPY ASSOCIATION NEUROLOGY SECTION. Journal of neurologic physical therapy : JNPT. 2016;40(2):124-55.
36. Colorado Division of Workers' Compensation. Chronic pain disorder medical treatment guideline. Denver (CO): Colorado Division of Workers' Compensation; 2017. p. 178.
37. National Institute for Health and Care Excellence (NICE). Cerebral palsy in under 25s: assessment and management, NG62. London (UK): National Institute for Health and Care Excellence (NICE), ; 2017. p. 21.
38. Spanish NHS -Working Group of the Clinical Practice Guideline for the Management of Patients with Parkinson's Disease. Clinical practice guideline for the management of patients with Parkinson's disease. Madrid (Spain): Spanish NHS, Ministry of Health, Social Services and Equality; Institute of Health Sciences of Aragon; 2014. p. 159.
39. Miller RG, Jackson CE, Kasarskis EJ, et al. Practice parameter update: the care of the patient with amyotrophic lateral sclerosis: multidisciplinary care, symptom management, and cognitive/behavioral impairment (an evidence-based review): report of the Quality Standards Subcommittee of the American Academy of Neurology. Neurology. 2009;73(15):1227-33.

40. Enseki K, Harris-Hayes M, White DM, et al. Nonarthritic hip joint pain. *The Journal of orthopaedic and sports physical therapy*. 2014;44(6):A1-32.
41. Hanno PM, Burks DA, Clemens JQ, et al. *Diagnosis and treatment of interstitial cystitis/bladder pain syndrome*. Lincicum (MD): American Urological Association Education and Research, Inc.; 2014. p. 45.
42. National Institute for Health and Care Excellence (NICE). *Nerve transfer to partially restore upper limb function in tetraplegia*, ipg610. London (UK): National Institute for Health and Care Excellence (NICE), ; 2018. p. 4.
43. Delitto A, George SZ, Van Dillen LR, et al. Low back pain. *The Journal of orthopaedic and sports physical therapy*. 2012;42(4):A1-57.
44. Scottish Intercollegiate Guidelines Network (SIGN) cg136. *Management of chronic pain. A national clinical guideline*. Edinburgh (Scotland): Scottish Intercollegiate Guidelines Network (SIGN); 2013. p. 71.
45. Carcia CR, Martin RL, Houck J, et al. Achilles pain, stiffness, and muscle power deficits: achilles tendinitis. *The Journal of orthopaedic and sports physical therapy*. 2010;40(9):A1-26.
46. Klimo P, Jr., Lingo PR, Baird LC, et al. *Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Management of Patients With Positional Plagiocephaly: The Role of Repositioning*. *Neurosurgery*. 2016;79(5):E627-e9.
47. Murray MJ, DeBlock H, Erstad B, et al. *Clinical Practice Guidelines for Sustained Neuromuscular Blockade in the Adult Critically Ill Patient*. *Critical care medicine*. 2016;44(11):2079-103.
48. VA-DoD The Rehabilitation of Individuals with Lower Limb Amputation Work Group. *VA/DoD Clinical practice guideline for the rehabilitation of individuals with lower limb amputation* Washington (DC): Department of Veterans Affairs, Department of Defense; 2017. p. 123.
49. Strenk M, Gevedon A, Monfreda J. *Cincinnati Children's Hospital Medical Center: Best Evidence Statement Physical therapy during the hemopoietic stem cell transplant process to improve quality of life*. Cincinnati OH: Cincinnati Children's Hospital Medical Center; 2014. p. 9.
50. Colorado Division of Workers' Compensation. *Lower extremity injury medical treatment guidelines*. Denver (CO): Colorado Division of Workers' Compensation; 2016. p. 211.
51. South Australian Government. *Guidelines for treatment, care and support for amputees within the LSS living in the community*. Adelaide (South Australia)2016. p. 34.

Occupational Therapy

General Information

Background

Occupational therapy is a skilled, nonsurgical treatment involving the therapeutic use of occupations (see definition below) and goal-oriented physical exercises as well as adaptive equipment, environmental modifications, and education in order to maximize productive function and quality of life. Occupational therapy is goal-directed and collaborative.

Details and Scope

The purpose of this guideline is to establish conceptual principles and documentation requirements for the appropriate initial and subsequent use of outpatient occupational therapy services for habilitation and rehabilitation, and maintenance programs. This guideline does not provide specific clinical requirements or direction for a given episode of occupational therapy. Specific types of occupational therapy interventions may be subject to additional guidelines (please refer to the Adjunctive and Alternative Treatments section of this document). Requirements defined by benefit design (maximum number of occupational therapy visits), state and federal regulations supersede this guideline.

For requests that meet the specific criteria set forth in the clinical guidelines, determination of the appropriate number of visits will depend on some or all of the following case details as applicable to the individual clinical circumstances:

- Functional outcome tool and/or severity of impairment
- History of pertinent surgery
- Comorbidities expected to impact treatment
- Progress toward functional goals (or mitigating factors if lack of progress)
- Existence of additional, achievable, functional goals
- Potential for progress
- Revisions to the plan of care

Requesting providers will need to provide information on such factors in order to support their request for more than an evaluation visit. A peer-to-peer conversation may be required to determine appropriateness in certain cases.

Definitions

- **Acceptable mitigating factors** refers to issues which could realistically contribute to or fully account for the lack of progress/improvement that would otherwise be expected during a course of treatment. These include but are not limited to an intervening fall, injury, illness, surgery, or hospitalization, transportation difficulties, or poor response to the initial treatment plan.
- **Activities of daily living (ADLs)** are tasks that a person generally needs or wants to perform on a daily or routine basis to complete self-care and occupational duties and participate in other daily environments (e.g., school, daycare).
- **Caregiver** refers to someone who regularly looks after or helps with the care of the child or adult (patient) with the disability.
- **Duplicative therapy** refers to treatments by more than one provider (same or different discipline) which are 1) rendered during an overlapping time period, 2) intended to treat the same or similar body parts (e.g., arm and shoulder), and 3) have substantively similar goals (e.g., improved functional shoulder range of motion).

- **Evidence-based therapy** refers to therapy that is supported by peer reviewed literature demonstrating that the benefits of the intervention are likely to outweigh the harms. Specific forms of PT, especially those that are new and/or less commonly performed, may be subject to additional medical necessity criteria which is beyond the scope of this document.
- **Habilitation** refers to services performed to help patients develop skills and functions for daily living that have not yet been acquired at an age appropriate level ^{1,2} or keep those skills and functions which are at risk of being permanently lost (not merely fluctuating) due to illness or disease without the habilitative service.
- **Maintenance program** is defined as a program provided to the patient expressly to maintain the patient's current condition or to prevent or slow further deterioration due to a disease or illness. The creation, design and instruction of the program must require the skilled knowledge or judgement of a qualified therapist. A prescribed maintenance program can generally be performed by the patient individually or with the assistance of a caregiver. The provision of such a program would be considered a skilled intervention.
- **Occupations** refers to the purposeful activities a person does throughout the lifespan, including but not limited to work, basic self-care activities, instrumental daily activities, exercise and recreational activities.
- **Qualified occupational therapy provider** refers to an occupational therapist or occupational therapy assistant who is duly licensed or certified, respectively, by his/her state to deliver occupational therapy services and who provides such services in accordance with his/her state's occupational therapy practice act. State regulations regarding appropriate providers may supersede this guideline.
- **Rehabilitation** focuses on the maximal restoration of physical and psychological function in persons with injuries, pain syndromes, and/or other physical or cognitive impairments.³
- **Self limited** refers to impairments caused by a disease process or surgical intervention that are expected to resolve in the near term solely with resumption of normal activity and/or an unsupervised home exercise program.
- **Skilled services** are those services which require a qualified provider to administer the treatment plan. A service is not considered skilled simply because a qualified provider is performing it.

Note: Illness includes a wide range of conditions. For purposes of clarity, illness includes, but is not limited to, autism spectrum disorder and developmental delay.

Clinical Indications

Initiation of occupational therapy for rehabilitative or habilitative services is considered medically necessary when criteria for both A and B are met:

A. Initial Occupational Therapy Evaluation

Initial occupational therapy evaluation is performed by a qualified occupational therapy provider documenting ALL of the following:

- The reason for referral, specifically a condition that causes or contributes to one or more impairments in function as related to activities of daily living that is not self-limited
- A need for occupational therapy to restore function (in rehabilitation), keep, learn, or improve function that has not yet been acquired at any age appropriate level (in habilitation) or if clinically indicated, prevent loss of function that is at risk of being lost (in habilitation)
- A relevant case history including comorbidities expected to impact treatment, a relevant physical examination, and a review of supporting, available documentation

- Functional impairment on at least 1 relevant, validated, therapist-rated, and/or patient reported outcome measure
- Potential for clinically meaningful progress (for rehabilitation, and as applicable for habilitation), the assessment of which must be supported by clinical details documented within the evaluation

B. Individualized Occupational Therapy Plan of Care

Individualized occupational therapy plan requires the skill and training of a qualified occupational therapy provider employing interventions and delivery methods that are evidence based and/or adhere to recognized standards of practice. There must be a reasonable expectation that the condition being treated is amenable to such intervention and that clinically meaningful, sustained improvement (or lack of decline in certain cases of habilitation) will be achieved. This plan must include ALL of the following components:

- One or more goals which are:
 - Specific
 - Measurable
 - Likely to be attained in a reasonable amount of time
 - Based on clinically significant improvement in the functional impairment(s) identified on initial evaluation
 - Formulated in collaboration with the patient and/or primary caregiver
- Recommended frequency and estimated duration of treatment needed to achieve documented goals
- Patient and/or caregiver education, particularly related to the patient's individual goals
- A recommendation for evaluation/examination by a physician or otherwise appropriate provider if there is reasonable suspicion that an undiagnosed condition outside therapist's scope of practice is present or limiting current progression towards goals.

Proceeding with occupational therapy services is considered medically necessary when ALL of the following criteria (A-E) are met:

A. Require the skills and training of a qualified occupational therapy provider:

- The skilled intervention(s) must be clearly denoted in the documentation

B. ANY of the following:

- Therapy has produced clinically meaningful improvement on reassessment of one or more of the therapist-rated or patient centered outcome measures documented at baseline
- There is otherwise qualitative and sustained progress clearly tied to the functional goals established on initial evaluation
- There is little to no demonstrable progress; however, there are acceptable mitigating factors and a treatment plan has been revised accordingly
- There is confirmation of functional status being maintained in cases where there is no expectation of functional progress (e.g., some cases of habilitation)

C. There is ongoing patient and/or caregiver education and/or training

D. There is at least one unmet functional or caregiver training goal

E. There is an expectation that the remaining goal(s) will be met with additional therapy within a reasonable and defined period of time

A recommendation for evaluation/examination by a physician or otherwise appropriate provider must be made if there is poor progression toward goals due to new or persistent symptoms

Institution of an occupational therapy maintenance program may be considered medically necessary in specific circumstances (refer to Definitions section)

Exclusions

The following are considered **not medically necessary**:

- Maintenance therapies extending beyond the creation, design, and instruction of a therapy program
- Therapies for which the primary purpose is anything other than rehabilitation or habilitation of a functional impairment due to medical illness, disease, condition, or injury. This includes therapies to improve recreational sports performance or general fitness, provide massage, or athletic taping.
- Therapies deemed to be duplicative (see definition above)
- Any and all non-skilled services

Codes

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CPT/HCPCS

Specific CPT codes for services should be used when available. Non-specific or not otherwise classified codes may be subject to additional documentation requirements and review.

0552TLow-level laser therapy, dynamic photonic and dynamic thermokinetic energies, provided by a physician or other qualified health care professional

20560Needle insertion(s) without injection(s), 1 or 2 muscle(s)

20561Needle insertion(s) without injection(s), 3 or more muscle(s)

90901Biofeedback training by any modality (when done for medically necessary indications)

92526Treatment of swallowing and/or oral feeding function

92605Evaluation and prescription of non-speech-generating and alternative communication device first hour

92606Therapeutic services for use of non-speech-generating device with programming

92607Evaluation of patient with prescription of speech-generating and alternative communication device

92608Evaluation and prescription of speech-generating and alternative communication device

92609Therapeutic services for use of speech-generating device with programming

92610Evaluation of swallowing function

92611Fluoroscopic and video recorded motion evaluation of swallowing function

92618Evaluation and prescription of non-speech-generating and alternative communication device

94667Demonstration and/or evaluation of manual maneuvers to chest wall to assist movement of lung secretions

94668Manual maneuvers to chest wall to assist movement of lung secretions

97010Application of hot or cold packs to 1 or more areas

97012Application of mechanical traction to 1 or more areas

97014Application of electrical stimulation to 1 or more areas, unattended by therapist

97016Application of blood vessel compression or decompression device to 1 or more areas

97018Application of hot wax bath to 1 or more areas

97022Application of whirlpool therapy to 1 or more areas

- 97024Application of heat wave therapy to 1 or more areas
- 97026Application of low energy heat (infrared) to 1 or more areas
- 97028Application of ultraviolet light to 1 or more areas
- 97032Application of electrical stimulation to 1 or more areas
- 97033Application of medication through skin using electrical current, each 15 minutes
- 97034Therapeutic hot and cold baths to 1 or more areas, each 15 minutes
- 97035Application of ultrasound to 1 or more areas, each 15 minutes
- 97036Physical therapy treatment to 1 or more areas, Hubbard tank, each 15 minutes
- 97039Unlisted modality (specify type and time if constant attendance)
- 97110Therapeutic exercise to develop strength, endurance, range of motion, and flexibility, each 15 minutes
- 97112Therapeutic procedure to re-educate brain-to-nerve-to-muscle function, each 15 minutes
- 97113Water pool therapy with therapeutic exercises to 1 or more areas, each 15 minutes
- 97116Walking training to 1 or more areas, each 15 minutes
- 97124Therapeutic massage to 1 or more areas, each 15 minutes
- 97129One-on-one therapeutic interventions focused on thought processing and strategies to manage activities
- 97130Each additional 15 minutes (list separately in addition to code for primary procedure)
- 97139Unlisted therapeutic procedure (specify)
- 97140Manual (physical) therapy techniques to 1 or more regions, each 15 minutes
- 97150Therapeutic procedures in a group setting
- 97165Evaluation of occupational therapy, typically 30 minutes
- 97166Evaluation of occupational therapy, typically 45 minutes
- 97167Evaluation of occupational therapy established plan of care, typically 60 minutes
- 97168Re-evaluation of occupational therapy established plan of care, typically 30 minutes
- 97530Therapeutic activities to improve function, with one-on-one contact between patient and provider, each 15 minutes
- 97533Sensory technique to enhance processing and adaptation to environmental demands, each 15 minutes
- 97535Self-care or home management training, each 15 minutes
- 97537Community or work reintegration training, each 15 minutes
- 97542Wheelchair management, each 15 minutes
- 97545Work hardening or conditioning, first 2 hours
- 97546Work hardening or conditioning
- 97597Removal of tissue from wounds per session
- 97598Removal of tissue from wounds per session
- 97602Removal of tissue from wounds per session
- 97750Physical performance test or measurement with report, each 15 minutes
- 97755Assistive technology assessment to enhance functional performance, each 15 minutes
- 97760Training in use of orthotics (supports, braces, or splints) for arms, legs and/or trunk, per 15 minutes
- 97761Training in use of prosthesis for arms and/or legs, per 15 minutes
- 97763Management and/or training in use of orthotics (supports, braces, or splints) for arms, legs, and/or trunk, per 15 minutes
- G0281Electrical stimulation, for chronic stage III and stage IV pressure ulcers, arterial ulcers, diabetic ulcers, and venous stasis ulcers
- G0282Electrical stimulation, to one or more areas, for wound care
- G0283Electrical Stimulation, to one or more areas, for other than wound care
- G0295Electromagnetic therapy, one or more areas, for wound care
- G0329Electromagnetic therapy, to one or more areas for chronic stage III and stage IV pressure ulcers, arterial ulcers, diabetic ulcers and venous stasis ulcers
- S8948.....Treatment with low level laser (phototherapy) each 15 minutes
- S8950.....Complex lymphedema therapy, each 15 minutes
- S8990.....Physical or manipulative therapy for maintenance

Modifiers

- 96Habilitative Services
 97Rehabilitative Services

ICD-10 Diagnosis

Refer to the ICD-10 CM manual

References

1. U.S. Centers for Medicare & Medicaid Services. Glossary - Habilitative/Habilitation Services. Baltimore (MD): U.S. Centers for Medicare & Medicaid Services; 2018.
2. U.S. Centers for Medicare & Medicaid Services. Habilitative/Habilitation Services. Baltimore (MD): U.S. Centers for Medicare & Medicaid Services; 2018.
3. U.S. Department of Health and Human Services NIOH. Physical Medicine and Rehabilitation. Bethesda (MD): U.S. National Library of Medicine; 2004.
4. National Institute for Health and Care Excellence (NICE). Stroke rehabilitation. Long-term rehabilitation after stroke, cg 162. London (UK): National Institute for Health and Care Excellence (NICE); 2013. p. 45.
5. American Occupational Therapy Association. Standards of Practice for Occupational Therapy. The American journal of occupational therapy : official publication of the American Occupational Therapy Association. 2015;69 Suppl 3:p1-6.
6. College of Occupational Therapists. Occupational therapy in the prevention and management of falls in adults, (2015) Practice guideline. London (UK): College of Occupational Therapists; 2015. p. 126.
7. National Institute for Health and Care Excellence (NICE). Chronic obstructive pulmonary disease in over 16s: diagnosis and management, cg101. London (UK): National Institute for Health and Care Excellence (NICE), ; 2010. p. 60.
8. Royal College of Occupational Therapists. Occupational therapy for adults undergoing total hip replacement: Practice guideline. London (UK): Royal College of Occupational Therapists; 2017. p. 180.
9. Narayanaswami P, Weiss M, Selcen D, et al. Evidence-based guideline summary: diagnosis and treatment of limb-girdle and distal dystrophies: report of the guideline development subcommittee of the American Academy of Neurology and the practice issues review panel of the American Association of Neuromuscular & Electrodiagnostic Medicine. Neurology. 2014;83(16):1453-63.
10. Snodgrass J, Amini D. Occupational therapy practice guidelines for adults with musculoskeletal conditions. Bethesda (MD): AOTA Press; 2017. 77 p.
11. National Institute for Health and Care Excellence (NICE). Cerebral palsy in children and young people. London (UK): National Institute for Health and Care Excellence (NICE); 2017.
12. Scottish Intercollegiate Guidelines Network. Management of early rheumatoid arthritis ncg123,. Edinburgh (UK): Scottish Intercollegiate Guidelines Network; 2011. p. 35.
13. Combe B, Landewe R, Daien CI, et al. 2016 update of the EULAR recommendations for the management of early arthritis. 2017;76(6):948-59.
14. National Institute for Health and Care Excellence (NICE). Parkinson's disease in adults cg71. London (UK): National Institute for Health and Care Excellence (NICE); 2017. p. 30.
15. South Australian Government. Guidelines for treatment, care and support for amputees within the LSS living in the community. Adelaide (South Australia)2016. p. 34.
16. Preissner K, American Occupational Therapy Association. Occupational therapy practice guidelines for adults with neurodegenerative diseases. Bethesda (MD): AOTA Press; 2014. 187 p.
17. Verrier Piersol C, Jensen L. Occupational therapy practice guidelines for adults with alzheimer's disease and related neurocognitive disorders. Bethesda (MD): AOTA Press; 2017. 45 p.
18. Leland N, Elliott SJ, Johnson KJ, et al. Occupational therapy practice guidelines for productive aging for community-dwelling older adults. Bethesda (MD): AOTA Press; 2012. 167 p.

19. U.S. Department of Health and Human Services. Occupational Therapy - Clinical Services Bethesda, MD: U.S. Department of Health and Human Services; 2017 [updated 09/15/2017]. Available from: <https://clinicalcenter.nih.gov/rmd/ot/otcliniaservice.html>.
20. Wolf TJ, Nilsen DM, American Occupational Therapy Association. Occupational therapy practice guidelines for adults with stroke. Bethesda (MD): AOTA Press; 2015. 256 p.
21. Koenig KP, American Occupational Therapy Association. Occupational therapy practice guidelines for adults with traumatic brain injury. Bethesda (MD): AOTA Press; 2016. 47 p.
22. Braveman B, Hunter EG, American Occupational Therapy Association. Occupational therapy practice guidelines for cancer rehabilitation with adults. Bethesda (MD): AOTA Press; 2017. 37 p.
23. Siebert C, Smallfield S, Stark S, et al. Occupational therapy practice guidelines for home modifications. Bethesda (MD): AOTA Press; 2014. 109 p.
24. Colorado Division of Workers' Compensation. Lower extremity injury medical treatment guidelines. Denver (CO): Colorado Division of Workers' Compensation; 2016. p. 211.
25. VA/DoD Management of Concussion-mild Traumatic Brain Injury Working Group. VA/DoD clinical practice guideline for the management of concussion-mild traumatic brain injury. Washington (DC): Department of Veterans Affairs, Department of Defense; 2016. p. 133.
26. Kelly DA, Bucuvalas JC, Alonso EM, et al. Long-term medical management of the pediatric patient after liver transplantation: 2013 practice guideline by the American Association for the Study of Liver Diseases and the American Society of Transplantation. Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society. 2013;19(8):798-825.
27. National Institute for Health and Care Excellence (NICE). Nerve transfer to partially restore upper limb function in tetraplegia, ipg610. London (UK): National Institute for Health and Care Excellence (NICE), ; 2018. p. 4.
28. Poole J, Siegel P, Tencza M. Occupational therapy practice guidelines for adults with arthritis and other rheumatic conditions. Bethesda (MD): AOTA Press; 2017. 46 p.
29. American Academy of Orthopaedic Surgeons (AAOS). American Academy of Orthopaedic Surgeons clinical practice guideline on management of hip fractures in the elderly. Rosemont (IL): American Academy of Orthopaedic Surgeons (AAOS); 2014. p. 521.
30. Kang PB, Morrison L, Iannaccone ST, et al. Evidence-based guideline summary: evaluation, diagnosis, and management of congenital muscular dystrophy: Report of the Guideline Development Subcommittee of the American Academy of Neurology and the Practice Issues Review Panel of the American Association of Neuromuscular & Electrodiagnostic Medicine. Neurology. 2015;84(13):1369-78.
31. Miller RG, Jackson CE, Kasarskis EJ, et al. Practice parameter update: the care of the patient with amyotrophic lateral sclerosis: multidisciplinary care, symptom management, and cognitive/behavioral impairment (an evidence-based review): report of the Quality Standards Subcommittee of the American Academy of Neurology. Neurology. 2009;73(15):1227-33.
32. Scottish Intercollegiate Guidelines Network. Brain injury rehabilitation in adults ncg130. Edinburgh (UK): Scottish Intercollegiate Guidelines Network; 3013. p. 75.
33. National Institute for Health and Care Excellence (NICE). Spasticity in under 19s: management, cg145.: National Institute for Health and Care Excellence (NICE), ; 2012. p. 41.
34. Spanish NHS -Working Group of the Clinical Practice Guideline for the Management of Patients with Parkinson's Disease. Clinical practice guideline for the management of patients with Parkinson's disease. Madrid (Spain): Spanish NHS, Ministry of Health, Social Services and Equality; Institute of Health Sciences of Aragon; 2014. p. 159.
35. Brown CE, American Occupational Therapy Association. Occupational therapy practice guidelines for adults with serious mental illness. Bethesda (MD): AOTA Press; 2012. 113 p.
36. National Institute for Health and Care Excellence (NICE). Rheumatoid arthritis in adults: management, cg79. London (UK): National Institute for Health and Care Excellence (NICE), ; 2009. p. 18.
37. VA-DoD The Rehabilitation of Individuals with Lower Limb Amputation Work Group. VA/DoD Clinical practice guideline for the rehabilitation of individuals with lower limb amputation Washington (DC): Department of Veterans Affairs, Department of Defense; 2017. p. 123.
38. Scottish Intercollegiate Guidelines Network. Management of patients with stroke: Rehabilitation, prevention and management of complications, and discharge planning ncg118. Edinburgh (UK): Scottish Intercollegiate Guidelines Network,; 2010. p. 108.

39. National Institute for Health and Care Excellence (NICE). The management of hip fracture in adults, cg124. London (UK): National Institute for Health and Care Excellence (NICE), ; 2017. p. 664.
40. National Institute for Health and Care Excellence (NICE). Cerebral palsy in under 25s: assessment and management, NG62. London (UK): National Institute for Health and Care Excellence (NICE), ; 2017. p. 21.
41. Kaldenberg J, Smallfield S. Occupational therapy practice guidelines for older adults with low vision. Bethesda (MD): AOTA Press; 2013. 119 p.

Speech-Language Pathology

General Information

Background

Speech-language pathology is a skilled, nonsurgical treatment primarily concerned with the diagnosis and treatment of disorders of communication, cognition, and swallowing. The scope of practice includes, but is not limited to, disorders of speech fluency, production, resonance, voice, language, feeding, hearing, and swallowing for patients of all ages.¹ Speech-language pathology is a goal-directed, collaborative approach focused on improving function and quality of life.

Speech-language pathologists are the primary providers of speech therapy services in the U.S. They are autonomous professionals who hold the American-Speech-Language-Hearing Association (ASHA) Certificate of Clinical Competence in Speech-Language Pathology (CCC-SLP) and who demonstrate continued professional development.¹ Occupational therapists may also be qualified to provide speech therapy services.

Details and Scope

The purpose of this guideline is to establish conceptual principles and documentation requirements for the appropriate initial and subsequent use of outpatient speech-language pathology services for habilitation and rehabilitation, and maintenance programs. This guideline does not provide specific clinical requirements or direction for a given episode of speech therapy. Specific types of speech therapy interventions, such as electrical stimulation for swallowing dysfunction, may be subject to additional guidelines (please refer to the Adjunctive and Alternative Treatments section of this document). Requirements defined by benefit design (maximum number of speech therapy visits), state and federal regulations supersede this guideline.

For requests that meet the specific criteria set forth in the clinical guidelines, determination of the appropriate number of visits will depend on some or all of the following case details as applicable to the individual clinical circumstances:

- Severity of impairment and/or level of independence
- History of pertinent surgery
- Comorbidities expected to impact treatment
- Progress toward functional goals (or mitigating factors if lack of progress)
- Existence of additional, achievable, functional goals as applicable
- Potential for progress
- Revisions to the plan of care

Requesting providers will need to provide information on these factors in order to support their request for more than an evaluation visit. A peer-to-peer conversation may be required to determine appropriateness in certain cases.

Definitions

- **Acceptable mitigating factors** refers to issues which could realistically contribute to or fully account for the lack of progress/improvement that would otherwise be expected during a course of treatment. These

include but are not limited to an intervening injury, illness, surgery, or hospitalization, transportation difficulties, or poor response to the initial treatment plan.

- **Caregiver** refers to someone who regularly looks after or helps with the care of the child or adult (patient) with the disability.
- **Duplicative therapy** refers to treatments by more than one provider (same or different discipline) which are 1) rendered during an overlapping time period, 2) intended to treat the same or similar body parts, conditions, or diagnoses, and 3) have substantively similar goals
- **Evidence-based therapy** refers to therapy that is supported by peer reviewed literature demonstrating that the benefits of the intervention are likely to outweigh the harms.
- **Habilitation** refers to services performed to help patients develop skills and functions for daily living that have not yet been acquired at an age appropriate level ^{1,2} or keep those skills and functions which are at risk of being permanently lost (not merely fluctuating) due to illness or disease without the habilitative service.
- **Individualized clinical assessments** refer to *pre-assessment* (e.g., baseline before laryngectomy, neurosurgery) to determine prognosis and post-procedure plan, *post-assessment* (e.g., after laryngectomy, neurosurgery) to determine therapy needs, or *comprehensive initial assessment*.
- **Maintenance program** is defined as a program provided to the patient expressly to maintain the patient's current condition or to prevent or slow further deterioration due to a disease or illness. The creation, design and instruction of the program must require the skilled knowledge or judgement of a qualified therapist. A prescribed maintenance program can generally be performed by the patient individually or with the assistance of a caregiver, The provision of such would be considered a skilled intervention.
- **Qualified speech-language pathology provider** refers to a speech language pathologist, also known as a speech therapist, who holds the Certificate of Clinical Competence in Speech-Language Pathology (CCC-SLP) designation from the American-Speech-Language-Hearing Association (ASHA). Speech-language pathology support personnel such as assistants, aides, and associates are individuals who may work under the supervision and direction of a CCC-SLP therapist within the scope of their individual licensures and credentialing and as allowed by applicable state regulations.
- **Rehabilitation** focuses on the maximal restoration of physical and psychological function in persons with injuries, pain syndromes, and/or other physical or cognitive impairments.²
- **Self-limited** refers to impairments caused by a disease process or surgical intervention that are expected to resolve within a reasonable period of time solely with resumption of normal activity and/or a non-supervised home exercise program.
- **Skilled services** are those services which require a qualified provider to administer the treatment plan. A service is not considered skilled simply because a qualified provider is performing it.

Note: Illness includes a wide range of conditions. For purposes of clarity, illness includes, but is not limited to, autism spectrum disorder and developmental delay.

Clinical Indications

Initiation of speech-language pathology for rehabilitative or habilitative services is considered medically necessary when criteria for both A and B are met.

A. Initial Speech-Language Pathology Evaluation

Initial speech-language pathology evaluation performed by a qualified speech-language pathology provider documenting ALL of the following:

- Referral for speech-language pathology from a physician, nurse practitioner or physician assistant, specifically for a condition that causes one or more impairments in swallowing, cognition and/or communication function that is/are not self-limiting
- A need for speech-language pathology to restore function (in rehabilitation), keep, learn, or improve function not acquired as expected (in habilitation), or if clinically indicated, prevent loss of function that is at risk of being lost (in habilitation).
- Relevant case history including comorbidities expected to impact treatment, examination, and individualized clinical assessment (pre-assessment, post-assessment, comprehensive initial assessment)
- Potential for clinically meaningful progress (for rehabilitation, and as applicable for habilitation), the assessment of which must be supported by clinical details documented within the evaluation
- Individualized evaluation(s) of any of the following (as indicated) utilizing linguistically and culturally appropriate standardized and/or formal (non-standardized) measures:
 - Structure and function of anatomy for speech and swallowing, expressive communication, receptive communication
 - Voice
 - Cognitive-communicative skills
 - Functional status of communication, cognition, and/or swallowing

B. Individualized Speech-Language Pathology Plan of Care

Individualized speech-language pathology plan requiring the skill and training of a qualified speech-language pathology provider employing interventions and delivery methods that are evidence based and/or adhere to widely accepted standards of practice. There must be a reasonable expectation that the condition being treated is amenable to such intervention and that clinically meaningful, sustained improvement (or lack of decline in certain cases of habilitation) will be achieved. This plan must include ALL of the following components:

- One or more goals which are:
 - Specific
 - Measurable
 - Likely to be attained in a reasonable amount of time
 - Based on clinically significant improvement in the functional impairment(s) identified on initial evaluation
 - Formulated in collaboration with the patient and/or primary caregiver
- Recommended frequency and estimated duration of treatment needed to achieve documented goals
- Patient and/or caregiver education, particularly related to the patient's individual goals
- A recommendation for evaluation/examination by a physician or otherwise appropriate provider if there is concern for an undiagnosed condition outside therapist's scope of practice that is likely to impede progress toward goals

Proceeding with speech-language pathology services is considered medically necessary when ALL of the following criteria (A-E) are met:

A. Require the skills and training of a qualified speech language pathology provider:

- The skilled intervention(s) must be clearly denoted in the documentation

B. ANY of the following:

- Therapy has produced clinically meaningful improvement on reassessment of one or more of the therapist-rated or patient-centered outcome measures documented at baseline
- There is otherwise qualitative and sustained progress toward the functional goals established on initial evaluation
- There is limited or no demonstrable progress; however, there are acceptable mitigating factors and a treatment plan has been revised accordingly
- There is confirmation of functional status being maintained in cases where there is no expectation of functional progress (e.g., certain habilitation cases)

C. There is ongoing patient and/or caregiver education and/or training

D. There is at least one unmet functional or caregiver training goal

E. There is an expectation that the remaining goal(s) will be met with additional therapy within a reasonable and defined period of time

A recommendation for evaluation/examination by a physician or otherwise appropriate provider must be made if there is poor progression toward goals due to new or persistent symptoms

Institution of a speech-language pathology maintenance program may be considered medically necessary in specific circumstances (refer to Definitions section)

Exclusions

The following are considered **not medically necessary**:

- Maintenance therapies extending beyond the creation, design, instruction of a therapy program
- Therapies for which the primary purpose is anything other than rehabilitation or habilitation of a functional impairment due to medical illness, disease, condition or injury. This includes therapies to improve recreational activities such as singing or general vocal performance.
- Therapies deemed to be duplicative (see Definitions section above)
- Any and all non-skilled services.

Codes

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CPT/HCPCS

Specific CPT codes for services should be used when available. Non-specific or not otherwise classified codes may be subject to additional documentation requirements and review.

92507Treatment of speech, language, voice, communication, and/or hearing processing disorder

- 92508Group treatment of speech, language, voice, communication, and/or hearing processing disorder
- 92521Evaluation of speech fluency
- 92522Evaluation of speech sound production
- 92523Evaluation of speech sound production with evaluation of language comprehension and expression
- 92524Behavioral and qualitative analysis of voice and resonance
- 92526Treatment of swallowing and/or oral feeding function
- 92605Evaluation and prescription of non-speech-generating and alternative communication device first hour
- 92606Therapeutic services for use of non-speech-generating device with programming
- 92607Evaluation of patient with prescription of speech-generating and alternative communication device
- 92608Evaluation and prescription of speech-generating and alternative communication device
- 92609Therapeutic services for use of speech-generating device with programming
- 92610Evaluation of swallowing function
- 92611Fluoroscopic and video recorded motion evaluation of swallowing function
- 92618Evaluation and prescription of non-speech-generating and alternative communication device
- 92626Evaluation of hearing rehabilitation first hour
- 92627Evaluation of hearing rehabilitation
- 92630Hearing training and therapy for hearing loss prior to learning to speak
- 92633Hearing training and therapy for hearing loss after speech
- 97039Unlisted modality (specify type and time if constant attendance)
- 97129One-on-one therapeutic interventions focused on thought processing and strategies to manage activities
- 97130Each additional 15 minutes (list separately in addition to code for primary procedure)
- S9152.....Speech therapy re-evaluation
- V5362.....Speech screening
- V5363.....Language screening
- V5364.....Dysphagia screening

Modifiers

- 96Habilitative Services
- 97Rehabilitative Services

ICD-10 Diagnosis

Refer to the ICD-10 CM manual

References

1. U.S. Centers for Medicare & Medicaid Services. Habilitative/Habilitation Services. Baltimore (MD): U.S. Centers for Medicare & Medicaid Services; 2018.
2. U.S. Department of Health and Human Services NIOH. Physical Medicine and Rehabilitation. Bethesda (MD): U.S. National Library of Medicine; 2004.
3. American Speech-Language Hearing Association (ASHA). Scope of practice in speech-language pathology [cited 2018 July 2]. Available from: <https://www.asha.org/policy/SP2016-00343/>.
4. U.S. Centers for Medicare & Medicaid Services. Glossary - Habilitative/Habilitation Services. Baltimore (MD): U.S. Centers for Medicare & Medicaid Services; 2018.
5. National Institutes of Health. U.S. National Library of Medicine. MedlinePlus. Rehabilitation [cited 2018 July 2]. Available from: <https://medlineplus.gov/rehabilitation.html#summary>.
6. Healthcare.gov. Habilitation/habilitative services [cited 2018 July 2]. Available from: <https://www.healthcare.gov/glossary/habilitative-habilitation-services/>.

7. American Speech-Language-Hearing Association (ASHA). Preferred practice patterns for the profession of speech-language pathology [cited 2018 July 2]. Available from: <https://www.asha.org/policy/PP2004-00191/>.
8. Stachler RJ, Francis DO, Schwartz SR, et al. Clinical practice guidelines hoarseness (dysphonia) (update). *Otolaryngol Head Neck Surg*. 2018;158(1_suppl):S1-S42. Epub 2018/03/02. PMID: 29494321
9. Royal College of Speech & Language Therapists. Royal College of Speech & Language Therapists clinical guidelines. Bicester, Oxon, United Kingdom: Speechmark Publishing, Ltd; 2005. IV, 427 p.
10. Cohen EE, LaMonte SJ, Erb NL, et al. American Cancer Society Head and Neck Cancer Survivorship Care Guideline. *CA Cancer J Clin*. 2016;66(3):203-39. Epub 2016/03/24. PMID: 27002678
11. Pertijs MAJ, Oonk LC, Beer dJJA, et al., Clinical guideline stuttering in children, adolescents and adults (2014) Woerden, Netherlands, Available from: http://www.nedverstottertherapie.nl/wp-content/uploads/2016/07/Clinical_Guideline_Stuttering-1.pdf.
12. Rinaldi B, Vaisfeld A, Amarri S, et al. Guideline recommendations for diagnosis and clinical management of Ring14 syndrome-first report of an ad hoc task force. *Orphanet journal of rare diseases*. 2017;12(1):69. Epub 2017/04/13. PMID: 28399932
13. Royal College of Paediatrics and Child Health, Stroke in childhood: clinical guideline for diagnosis, management, and rehabilitation (2017) Available from: <https://www.rcpch.ac.uk/resources/stroke-childhood-clinical-guideline-diagnosis-management-rehabilitation>.
14. Stroke Foundation, Clinical guidelines for stroke management 2017, (2017) Melbourne, Australia, Available from: <https://informme.org.au/Guidelines/Clinical-Guidelines-for-Stroke-Management-2017>.
15. Ontario Neurotrauma Foundation, Guidelines for diagnosing and managing pediatric concussion v1.1, (2014) Toronto, Ontario, 129. Available from: http://onf.org/system/attachments/267/original/GUIDELINES_for_Diagnosing_and_Managing_Pediatric_Concussion_Recommendations_for_parents_v1.1.pdf.
16. Andersen PM, Abrahams S, Borasio GD, et al. EFNS guidelines on the clinical management of amyotrophic lateral sclerosis (MALS)--revised report of an EFNS task force. *Eur J Neurol*. 2012;19(3):360-75. Epub 2011/09/15. PMID: 21914052
17. Turner-Stokes L., editor. Rehabilitation following acquired brain injury: national clinical guidelines London, United Kingdom: Royal College of Physicians of London; 2003.
18. Chandrasekhar SS, Randolph GW, Seidman MD, et al. Clinical practice guideline: improving voice outcomes after thyroid surgery. *Otolaryngol Head Neck Surg*. 2013;148(6 Suppl):S1-37. Epub 2013/06/14. PMID: 23733893
19. Corben LA, Lynch D, Pandolfo M, et al. Consensus clinical management guidelines for Friedreich ataxia. *Orphanet journal of rare diseases*. 2014;9:184. Epub 2014/01/01. PMID: 25928624
20. Veterans Health Administration & Department of Defense. VA/DOD clinical practice guideline for the management of stroke rehabilitation. *Journal of rehabilitation research and development*. 2010;47(9):1-43. Epub 2011/01/11. PMID: 21213454
21. Haugen BR. 2015 American Thyroid Association Management Guidelines for Adult Patients with Thyroid Nodules and Differentiated Thyroid Cancer: What is new and what has changed? *Cancer*. 2017;123(3):372-81. Epub 2016/10/16. PMID: 27741354
22. Kalf H, de Swart B, Bonnier-Baars M, et al., Guidelines for speech-language therapy in Parkinson's disease (2010) Nijmegen, Netherlands, 137. Available from: http://www.parkinsonnet.info/media/11927204/guidelines_for_speech-language_therapy_in_parkinson_s_disease.pdf.
23. Working group of the Clinical Practice Guideline for the Management of Patients with Parkinson's Disease, Clinical practice guideline for the management of patients with Parkinson's disease (2014) Madrid, Spain, 159. Available from: http://www.guiasalud.es/GPC/GPC_546_Parkinson_IACS_comp_en.pdf.
24. Stroke Foundation of New Zealand and New Zealand Guidelines Group. New Zealand clinical guidelines for stroke management 2010 Wellington, New Zealand: Stroke Foundation of New Zealand; 2010. iii, 340 p.
25. Gilbert R, Devries-Aboud M, Winquist E, et al. The management of head and neck cancer in Ontario: organizational and clinical practice guideline recommendations Toronto, Ontario: Ontario Ministry of Health and Long-Term Care; 2009.
26. Powers WJ, Rabinstein AA, Ackerson T, et al. 2018 guidelines for the early management of patients with acute ischemic stroke: a guideline for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke*. 2018;49(3):e46-e110. Epub 2018/01/26. PMID: 29367334

27. Royal College of Physicians. National clinical guideline for stroke. 5th ed. London, United Kingdom: Royal College of Physicians 2016. xxvi, 151 p.
28. Scottish Intercollegiate Guidelines Network. Diagnosis and management of head and neck cancer: a national clinical guideline. Edinburgh, Scotland: Scottish Intercollegiate Guidelines Network; 2006. 90 p.
29. Scottish Intercollegiate Guidelines Network. Management of patients with stroke: identification and management of dysphagia. a national clinical guideline. Edinburgh, Scotland: Scottish Intercollegiate Guidelines Network; 2010. 42 p.
30. Scottish Intercollegiate Guidelines Network. SIGN 145 assessment, diagnosis and interventions for autism spectrum disorders: a national clinical guideline. Edinburgh, Scotland: Scottish Intercollegiate Guidelines Network; NHS Quality Improvement Scotland; 2016. 76 p.
31. Winstein CJ, Stein J, Arena R, et al. Guidelines for adult stroke rehabilitation and recovery: a Guideline for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke*. 2016;47(6):e98-e169. Epub 2016/05/06. PMID: 27145936
32. Clarke P, Radford K, Coffey M, et al. Speech and swallow rehabilitation in head and neck cancer: United Kingdom National Multidisciplinary Guidelines. *J Laryngol Otol*. 2016;130(S2):S176-s80. Epub 2016/11/15. PMID: 27841134
33. Ontario Neurotrauma Foundation, Guideline for concussion/mild traumatic brain injury & persistent symptoms: healthcare professional version, (2018) Toronto, Ontario, III, 244. Available from: <http://braininjuryguidelines.org/concussion/fileadmin/media/adult-concussion-guidelines-3rd-edition.pdf>.
34. Gibson PG, Chang AB, Glasgow NJ, et al. CICADA: Cough in children and adults: diagnosis and assessment. *australian cough guidelines summary statement*. *Med J Aust*. 2010;192(5):265-71. Epub 2010/03/06. PMID: 20201760

ADJUNCTIVE & ALTERNATIVE TREATMENTS

Physical Therapy and Occupational Therapy Adjunctive Treatments

General Information

Background

Physical therapy and occupational therapy adjunctive treatments are distinct, therapeutic interventions or methods used by therapists to aid in their treatment of patients. Adjunctive treatments are primarily but not exclusively passive measures which are mechanical, electrical, magnetic or thermal in nature. They must be used as a complement to a more comprehensive and active therapy program and may be performed by both qualified providers of occupational and physical therapy depending on the indication. Examples include diathermy, dry needling, and hippotherapy. Performance of all services is subject to state regulations including therapy practice acts and should be rendered in accordance with those.

Scope

The purpose of this guideline is to establish appropriate use criteria for specific physical therapy and occupational therapy adjunctive treatments that complement the conceptual principles and documentation requirements established by the parent physical or occupational therapy guidelines.

Clinical indications for the appropriate use of services in these guidelines are intended to be limited to those that would be within the treatment scope of practice for qualified allied health services providers specifically physical and occupational therapists. Medical indications for the appropriate use of physical and occupational therapy adjunctive treatments are out of scope of these guidelines.

Indications and criteria for the appropriate acquisition of durable medical equipment (DME) used in provision of adjunctive therapies is also out of scope.

Therapies deemed to be duplicative (see definition in the parent physical or occupational therapy guideline) will be considered not medically necessary.

Definitions

- **Active Therapeutic Movement®** – device-based treatment that aims to train patients to move in ways that are pain free and to activate and strengthen core stabilization muscles, facilitating the coordination of body movement by developing spatial and kinesthetic awareness of body-segment relationships
- **Diathermy** – an electromagnetic modality used to apply superficial heat to injured tissues in order to increase blood flow and reduce swelling. It is typically used to treat muscle spasms, joint stiffness, muscle and joint pain.
- **Dry needling** – a skilled intervention that uses a thin filiform needle to penetrate the skin and stimulate underlying myofascial trigger points, muscular, and connective tissues for the management of neuromusculoskeletal pain and movement impairments. Dry needling is a technique used to treat dysfunctions in skeletal muscle, fascia, and connective tissue, and diminish persistent peripheral nociceptive input, and reduce or restore impairments of body structure and function leading to improved activity and participation (source: APTA).
- **Elastic taping** – the application of specialized adhesive tape to specific body parts to lift the skin (microscopically), commonly with the intent of increasing proprioceptive awareness/feedback, reducing swelling and inflammation, improving blood flow, or facilitating lymphatic drainage.
- **Electrical stimulation, unattended** – treatment modality whereby an electrical current is delivered to the body with the use of a stimulator device and electrodes, often for the purpose of biofeedback during movement and neuromuscular education. Unattended refers to the situation in which the therapist is only present for and involved in the set-up but not during the treatment itself.
- **Gait analysis, instrumented** – use of dynamic electromyography (EMG), biofeedback, computers, gait labs or other devices to evaluate patients' walking patterns
- **Hippotherapy** – a form of therapy that involves horseback riding under supervised and controlled circumstances, typically for children with neuromotor and/or psychologic disabilities. It is often intended to improve gross motor function, balance, muscle spasticity, and/or cognitive function.
- **Hot/Cold packs** – application of warm/hot or cold packs to a body part for the purposes of conductive treatment of superficial tissues. Heat is commonly used to increase blood flow or mobility. Cold is often used to reduce pain, inflammation and swelling.
- **Interactive metronome®** – assessment and training tool that measures & improves Neurotiming, or the synchronization of neural impulses within key brain networks for cognitive, communicative, sensory & motor performance (source: www.interactivemetronome.com)
- **Iontophoresis** – the use of an electrical gradient to deliver medicine, typically anti-inflammatory agents, into the body via the skin.
- **Low level laser therapy** – the use of a laser or light to enhance tissue repair and/or reduce inflammation and pain.
- **Mechanical traction for spinal disorders** – instrumented-assisted treatment used to distract the spine and relieve axial pressure from a particular spinal region (primarily cervical and lumbar) in patients with painful spinal-related disorders (e.g., herniated discs, radiculopathy)
- **MEDEK (Dynamic Method of Kinetic Stimulation)®** – also known as Cuevas MEDEK Exercises (CME)®, "is a psychomotor therapy based on dynamic challenging exercises [sic], manually applied for children affected on their developmental motor functions."
- **Motion analysis, instrumented** – use of dynamic electromyography (EMG), biofeedback, computers, motion labs or other devices to evaluate patients' movement patterns

- **Phonophoresis** – the use of ultrasound to deliver medicine, typically anti-inflammatory agents, into the body via the skin.
- **Sensory integration** – technique used to enhance sensory processing and promote adaptive responses to environmental demands (per APTA/Optum coding guide), such as use of weighted vests.
- **Therapeutic magnetic resonance** – the use of pulsed electromagnetic fields (PEMF) at low frequency and low intensity to reduce inflammation and arthritic pain.
- **Ultraviolet phototherapy** – application of ultraviolet light to a patient’s skin, primarily for the treatment of skin disorders and wound healing
- **Vasopneumatic compression devices** – devices applied to a joint as a means of delivering cryotherapy to reduce swelling and inflammation after surgery or injury, or applied to a limb for the treatment of lymphedema
- **Whirlpool** – a warm water pool in which the water is continuously moving and into which the patient or a specific body part is submerged.
- **Whole body advanced exercise** – Total body-focused structured exercise intended to optimize a patient’s preoperative general physical state in order to maximize their post-operative recovery.
- **Whole body vibration** – use of a vibrating platform on which the patient sits or stands while doing prescribed exercises.

Clinical Indications

Physical therapy and occupational therapy adjunctive treatments are considered to be **MEDICALLY NECESSARY** when a clinically significant net benefit above and beyond conventional therapies has been determined from currently available evidence. The provision of such adjunctive treatments must also meet the AIM clinical criteria for the rendering of physical or occupational therapy and is limited to the clinical indications noted below, documentation of which must be in the medical record.

Dry Needling

Dry needling by a trained practitioner is considered medically necessary in ANY of the following clinical scenarios for up to a total of 3 sessions:

- Appendicular skeleton: myofascial trigger point-related pain of shoulder region, lateral elbow, trochanteric bursitis, or plantar heel
- Axial skeleton: myofascial trigger point-related cervical and thoracolumbar pain
- Headache, cervicogenic and tension-type only
- Myofascial pain syndrome
- Temporomandibular joint disorders

Note: Dry needling is considered not medically necessary for all other clinical scenarios (see Exclusions).

For all clinical scenarios, acceptable indications are limited to a) pain relief to allow better tolerance of the broader physical or occupational therapy program in cases wherein pain has been demonstrated to have impeded a patient’s ability to effectively participate with the use of conventional therapies, b) pain relief to avoid or reduce otherwise likely use of analgesic medication, and c) reduction of disability. Additionally for headaches, reduction of headache frequency, and/or duration are also acceptable indications. The specific indication(s) for this intervention must be clearly documented in and supported by the clinical notes.

Sensory Integration Therapy

Sensory integration therapy is considered medically necessary for patients diagnosed with Autism Spectrum Disorders (ASD).

Note: Sensory integration therapy is considered not medically necessary for all other clinical scenarios (see Exclusions).

Additional services

Other services covered by CPT codes listed in the coding section which are not better accounted for by a more specific service or indication listed in this guideline may be considered medically necessary when ALL of the following criteria are met:

- The anticipated benefit of the recommended intervention outweighs any potential harms that may result such that there is a clinically significant, net benefit.
- Current literature and/or standards of rehabilitative or habilitative practice support that the recommended intervention offers the greatest net benefit among competing alternatives.

Note: for the purposes of this criterion, “current literature” typically requires a minimum of at least one well-designed randomized controlled trial that demonstrates clinically significant net benefit relative to or as a supplement to the current standard of care.

Based on the clinical evaluation, current literature, and standards of rehabilitative or habilitative practice, there exists a reasonable likelihood that the intervention will directly or indirectly lead to an improved outcome for the patient.

Exclusions

The following physical therapy and occupational therapy adjunctive treatments are considered to be **not medically necessary** because a clinically significant net benefit above and beyond conventional therapies could not be determined based on currently available evidence, evidence expressly demonstrated there was not a net benefit, or it is a nonskilled service.

Active therapeutic movements® are considered not medically necessary in all clinical scenarios.

Diathermy is considered not medically necessary in all clinical scenarios.

Dry needling is considered not medically necessary for all other clinical scenarios, including hand or wrist conditions such as carpal tunnel syndrome as well as when underlying psychological/cognitive mechanisms of pain are present (i.e. yellow flags). (see Indications)

Elastic taping is considered not medically necessary in all clinical scenarios.

Electrical stimulation, unattended is considered not medically necessary in all clinical scenarios.

Gait analysis, instrumented is considered not medically necessary in all clinical scenarios.

Hippotherapy is considered not medically necessary in all clinical scenarios.

Hot and/or cold pack application is considered a non-skilled service, although patient education and instruction regarding their use is skilled.

Interactive metronome® is considered not medically necessary in all clinical indications.

Iontophoresis is considered not medically necessary in all clinical scenarios.

Low level laser is considered not medically necessary in all clinical scenarios.

Mechanical traction for spinal disorders is considered not medically necessary in all clinical scenarios.

MEDEK® (Dynamic Method of Kinetic Stimulation), Cuevas MEDEK Exercises (CME)® is considered not medically necessary in all clinical scenarios.

Motion analysis, instrumented is considered not medically necessary in all clinical scenarios.

Phonophoresis is considered not medically necessary in all clinical scenarios.

Sensory integration therapy is considered not medically necessary in all other clinical scenarios. (see Indications)

Therapeutic magnetic resonance is considered not medically necessary in all clinical scenarios.

Ultraviolet phototherapy is considered not medically necessary in all clinical scenarios.

Vasopneumatic compression device application is considered to be a non-skilled service, although patient education and instruction regarding their use is skilled.

Whirlpool/Hydrotherapy is considered not medically necessary in all clinical scenarios.

Whole body advanced exercise is considered not medically necessary in all clinical scenarios.

Whole body vibration is considered not medically necessary in all clinical scenarios.

Codes

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CPT/HCPCS

Note: Medical necessity determinations will apply irrespective of specific CPT and HCPCS coding used for the services.

Specific CPT codes for services should be used when available. Non-specific or not otherwise classified codes may be subject to additional documentation requirements and review.

0552T	.....Low-level laser therapy, dynamic photonic and dynamic thermokinetic energies, provided by a physician or other qualified health care professional
20560	.....Needle insertion(s) without injection(s), 1 or 2 muscle(s)
20561	.....Needle insertion(s) without injection(s), 3 or more muscle(s)
90901	.....Biofeedback training by any modality (when done for medically necessary indications)
90912	.....Biofeedback training for bowel or bladder control, initial 15 minutes
90913	.....Biofeedback training for bowel or bladder control, additional 15 minutes
92526	.....Treatment of swallowing and/or oral feeding function
92605	.....Evaluation and prescription of non-speech-generating and alternative communication device first hour
92606	.....Therapeutic services for use of non-speech-generating device with programming
92607	.....Evaluation of patient with prescription of speech-generating and alternative communication device
92608	.....Evaluation and prescription of speech-generating and alternative communication device
92609	.....Therapeutic services for use of speech-generating device with programming
92610	.....Evaluation of swallowing function
92611	.....Fluoroscopic and video recorded motion evaluation of swallowing function
92618	.....Evaluation and prescription of non-speech-generating and alternative communication device
94667	.....Demonstration and/or evaluation of manual maneuvers to chest wall to assist movement of lung secretions
94668	.....Manual maneuvers to chest wall to assist movement of lung secretions
96001	.....Three-dimensional, video-taped, computer-based gait analysis during walking

- 97010Application of hot or cold packs to 1 or more areas
- 97012Application of mechanical traction to 1 or more areas
- 97014Application of electrical stimulation to 1 or more areas, unattended by therapist
- 97016Application of blood vessel compression or decompression device to 1 or more areas
- 97018Application of hot wax bath to 1 or more areas
- 97022Application of whirlpool therapy to 1 or more areas
- 97024Application of heat wave therapy to 1 or more areas
- 97026Application of low energy heat (infrared) to 1 or more areas
- 97028Application of ultraviolet light to 1 or more areas
- 97032Application of electrical stimulation to 1 or more areas
- 97033Application of medication through skin using electrical current, each 15 minutes
- 97034Therapeutic hot and cold baths to 1 or more areas, each 15 minutes
- 97035Application of ultrasound to 1 or more areas, each 15 minutes
- 97036Physical therapy treatment to 1 or more areas, Hubbard tank, each 15 minutes
- 97039Unlisted modality (specify type and time if constant attendance)
- 97110Therapeutic exercise to develop strength, endurance, range of motion, and flexibility, each 15 minutes
- 97112Therapeutic procedure to re-educate brain-to-nerve-to-muscle function, each 15 minutes
- 97113Water pool therapy with therapeutic exercises to 1 or more areas, each 15 minutes
- 97116Walking training to 1 or more areas, each 15 minutes
- 97124Therapeutic massage to 1 or more areas, each 15 minutes
- 97129One-on-one therapeutic interventions focused on thought processing and strategies to manage activities
- 97130each additional 15 minutes (list separately in addition to code for primary procedure)
- 97139Unlisted therapeutic procedure (specify)
- 97140Manual (physical) therapy techniques to 1 or more regions, each 15 minutes
- 97150Therapeutic procedures in a group setting
- 97161Evaluation of physical therapy, typically 20 minutes
- 97162Evaluation of physical therapy, typically 30 minutes
- 97163Evaluation of physical therapy, typically 45 minutes
- 97164Re-evaluation of physical therapy, typically 20 minutes
- 97165Evaluation of occupational therapy, typically 30 minutes
- 97166Evaluation of occupational therapy, typically 45 minutes
- 97167Evaluation of occupational therapy established plan of care, typically 60 minutes
- 97168Re-evaluation of occupational therapy established plan of care, typically 30 minutes
- 97530Therapeutic activities to improve function, with one-on-one contact between patient and provider, each 15 minutes
- 97533Sensory technique to enhance processing and adaptation to environmental demands, each 15 minutes
- 97535Self-care or home management training, each 15 minutes
- 97537Community or work reintegration training, each 15 minutes
- 97542Wheelchair management, each 15 minutes
- 97545Work hardening or conditioning, first 2 hours
- 97546Work hardening or conditioning
- 97597Removal of tissue from wounds per session
- 97598Removal of tissue from wounds per session
- 97602Removal of tissue from wounds per session
- 97750Physical performance test or measurement with report, each 15 minutes
- 97755Assistive technology assessment to enhance functional performance, each 15 minutes
- 97760Training in use of orthotics (supports, braces, or splints) for arms, legs and/or trunk, per 15 minutes
- 97761Training in use of prosthesis for arms and/or legs, per 15 minutes
- 97763Management and/or training in use of orthotics (supports, braces, or splints) for arms, legs, and/or trunk, per 15 minutes

G0281	.....Electrical stimulation, for chronic stage III and stage IV pressure ulcers, arterial ulcers, diabetic ulcers, and venous stasis ulcers
G0282	.....Electrical stimulation, to one or more areas, for wound care
G0283	.....Electrical Stimulation, to one or more areas, for other than wound care
G0295	.....Electromagnetic therapy, one or more areas, for wound care
G0329	.....Electromagnetic therapy, to one or more areas for chronic stage III and stage IV pressure ulcers, arterial ulcers, diabetic ulcers and venous stasis ulcers
S8940	.....Therapeutic horseback riding, per session
S8948	.....Treatment with low level laser (phototherapy) each 15 minutes
S8950	.....Complex lymphedema therapy, each 15 minutes
S8990	.....Physical or manipulative therapy for maintenance
S9090	.....Vertebral axial decompression (lumbar traction), per session

Modifiers

96	.....Habilitative Services
97	.....Rehabilitative Services

ICD-10 Diagnosis

Refer to the ICD-10 CM manual

Speech Therapy Alternative Treatments

General Information

Background

Speech therapists use several alternative methods, techniques and devices to aid in their traditional treatment of patients with a range of speech, language, swallowing and cognitive conditions. They must be used as a component of a more comprehensive speech therapy program and may be performed by ASHA-certified speech therapists or qualified occupational therapist. Examples include thermal tactile stimulation and expiratory muscle strengthening using a device. Performance of all services is subject to state regulations including therapy practice acts and should be rendered in accordance with those.

Scope

The purpose of this guideline is to establish appropriate use criteria for specific speech therapy treatments that complements the conceptual principles and documentation requirements for speech therapy established by the parent speech therapy guidelines.

Clinical indications for the appropriate use of services in these guidelines are intended to be limited to those that would be within the treatment scope of practice for qualified allied health services providers specifically speech therapists or occupational therapists. Medical indications for the appropriate use of speech therapy alternative treatments are out of scope of these guidelines.

Indications and criteria for the appropriate acquisition of durable medical equipment (DME) used in provision of alternative therapies are also out of scope for these guidelines.

Therapies deemed to be duplicative (see definition in the parent speech therapy guideline) will be considered not medically necessary.

Definitions

- **Blue dye test** – Clinical test that involves putting colored dye, historically FD&C Blue Number 1 food coloring, in a patient’s food or tube feedings to aid in the clinical assessment of aspiration.
- **Electrical stimulation** – application of electrical current to the skin (transcutaneous electrical stimulation) in the region of the larynx in order to stimulate muscles involved in swallowing.
- **Expiratory muscle strengthening therapy (with device)** – exercise performed with the aid of an external device (e.g., threshold device) aimed at improving the strength and endurance of expiratory muscles of breathing for the purpose of treating speech, voice, and/or swallowing dysfunction.
- **Integrative yoga therapy** – method of holistic therapy that incorporates yoga into traditional speech therapy for the purpose of improving posture, balance, speech motor system, attention and focus to improve swallowing function, used most commonly in pediatric populations.
- **Lee Silverman Voice Treatment** – proprietary speech therapy program that involves an intensive program of voice exercises to improve voice quality and communication of people with Parkinson’s disease and other neurological conditions. It requires company-certification of providers.
- **Myofascial release therapy for dysphagia** – form of manual therapy that attempts to relieve soft tissue, particularly fascial, restriction affecting swallowing for the purpose of improving swallow dysfunction.
- **Neurodevelopmental technique for dysphagia** – a treatment approach focused on the neurological basis of movement which involves guided or facilitated movements to improve function in patients with neuromotor conditions.
- **Oral motor exercises for dysphagia** – exercises aimed at improving the strength, coordination, range of motion, and responsiveness of the affected oro-motor muscles for the purpose of treating oral pharyngeal dysphagia.
- **Parkinson Voice Project** – proprietary speech therapy program, involving individual and group therapy techniques, for people with Parkinson’s and Parkinson’s-plus syndromes. Provider training is company sponsored.
- **Thermal tactile stimulation for dysphagia** – method of speech therapy that uses the application of a cold stimulant to the faucial pillars to facilitate the activation of the swallow mechanism and improve swallowing function.

Clinical Indications

None.

Additional services

Other services covered by CPT codes listed in the coding section which are not better accounted for by a more specific service or indication listed in this guideline may be considered medically necessary when ALL of the following criteria are met:

- The anticipated benefit of the recommended intervention outweighs any potential harms that may result such that there is a clinically significant, net benefit.
- Current literature and/or standards of rehabilitative or habilitative practice support that the recommended intervention offers the greatest net benefit among competing alternatives.

Note: for the purposes of this criterion, “current literature” requires a minimum of at least one well-designed randomized controlled trial that demonstrates clinically significant, net benefit relative to or as a supplement to the current standard of care.

Based on the clinical evaluation, current literature, and standards of rehabilitative or habilitative practice, there exists a reasonable likelihood that the intervention will directly or indirectly lead to an improved outcome for the patient.

Exclusions

The following complementary and/or emerging speech therapy treatments are considered to be **not medically necessary**, because a clinically significant net benefit above and beyond conventional therapies could not be determined based on currently available evidence, or current evidence expressly demonstrates there is not a net benefit.

Blue dye test is considered not medically necessary for all clinical scenarios.

Electrical stimulation/Biofeedback is considered not medically necessary in all clinical scenarios.

Expiratory muscle strengthening with a device is considered not medically necessary in all clinical scenarios.

Integrative yoga therapy is considered not medically necessary in all clinical scenarios.

Lee Silverman Voice Treatment is considered not medically necessary in all clinical scenarios.

Myofascial release therapy for dysphagia is considered not medically necessary in all clinical scenarios of dysphagia.

Neurodevelopmental technique for dysphagia is considered not medically necessary in all clinical scenarios of dysphagia.

Oral motor exercises for dysphagia are considered not medically necessary in all clinical scenarios of dysphagia.

Parkinson Voice Project is considered not medically necessary in all clinical scenarios.

Thermal tactile stimulation for dysphagia is considered not medically necessary in all clinical scenarios of dysphagia.

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CPT/HCPCS

Note: Medical necessity determinations will apply irrespective of specific CPT and HCPCS coding used for the services.

Specific CPT codes for services should be used when available. Non-specific or not otherwise classified codes may be subject to additional documentation requirements and review.

92507Treatment of speech, language, voice, communication, and/or hearing processing disorder

92508Group treatment of speech, language, voice, communication, and/or hearing processing disorder

92521Evaluation of speech fluency

- 92522Evaluation of speech sound production
- 92523Evaluation of speech sound production with evaluation of language comprehension and expression
- 92524Behavioral and qualitative analysis of voice and resonance
- 92526Treatment of swallowing and/or oral feeding function
- 92605Evaluation and prescription of non-speech-generating and alternative communication device first hour
- 92606Therapeutic services for use of non-speech-generating device with programming
- 92607Evaluation of patient with prescription of speech-generating and alternative communication device
- 92608Evaluation and prescription of speech-generating and alternative communication device
- 92609Therapeutic services for use of speech-generating device with programming
- 92610Evaluation of swallowing function
- 92611Fluoroscopic and video recorded motion evaluation of swallowing function
- 92618Evaluation and prescription of non-speech-generating and alternative communication device
- 92626Evaluation of hearing rehabilitation first hour
- 92627Evaluation of hearing rehabilitation
- 92630Hearing training and therapy for hearing loss prior to learning to speak
- 92633Hearing training and therapy for hearing loss after speech
- 97039Unlisted modality (specify type and time if constant attendance)
- 97129One-on-one therapeutic interventions focused on thought processing and strategies to manage activities
- 97130Each additional 15 minutes (list separately in addition to code for primary procedure)
- S9152.....Speech therapy re-evaluation
- V5362.....Speech screening
- V5363.....Language screening
- V5364.....Dysphagia screening

Modifiers

- 96Habilitative Services
- 97Rehabilitative Services

ICD-10 Diagnosis

Refer to the ICD-10 CM manual

History

Status	Review Date	Effective Date	Action
Created	05/11/2020	10/01/2020	IMPP review. Original effective date.