

# Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech)

**Policy Number:** CS164.L

**Effective Date:** November 1, 2025

[Instructions for Use](#)

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## Related Community Plan Policies

- [Cochlear Implants](#)
- [Cognitive Rehabilitation](#)
- [Durable Medical Equipment, Orthotics, Medical Supplies, and Repairs/Replacements](#)
- [Home Health, Skilled, and Custodial Care Services](#)

## Commercial Policy

- [Habilitation and Rehabilitation Therapy \(Occupational, Physical, and Speech\)](#)

## Application

This Medical Policy does not apply to the states listed below; refer to the state-specific policy/guideline, if noted:

State	Policy/Guideline
Florida	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for Florida Only)</a> <a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) – Site of Service (for Florida Only)</a>
Idaho	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for Idaho Only)</a>
Indiana	None
Kansas	None
Kentucky	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for Kentucky Only)</a>
Louisiana	None
Nebraska	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for Nebraska Only)</a>
New Jersey	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for New Jersey Only)</a>
New Mexico	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for New Mexico Only)</a>
North Carolina	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for North Carolina Only)</a>
Ohio	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for Ohio Only)</a>
Pennsylvania	<a href="#">Habilitation and Rehabilitation Therapy (Occupational, Physical, and Speech) (for Pennsylvania Only)</a>
Tennessee	None

## Coverage Rationale

**Note:** This Medical Policy does not apply to cognitive therapy. For outpatient cognitive therapy, refer to the Medical Policy titled [Cognitive Rehabilitation](#).

**Habilitation, rehabilitation, and maintenance are proven and medically necessary in certain circumstances.** For medical necessity clinical coverage criteria, refer to the InterQual® LOC: Outpatient Rehabilitation & Chiropractic.

[Click here to view the InterQual® criteria.](#)

**Note:** Upon clinical review and when appropriate, UnitedHealthcare may authorize therapies based on the medical necessity criteria above for up to six months in accordance with generally accepted standards of practice. The services must not be duplicate services of another service provided concurrently by any other type of therapy (such as speech, physical, and occupational therapy), and must provide different treatment goals, plans, and therapeutic modalities.

The documentation requirements outlined below are used in addition to InterQual® to assess whether the individual meets the clinical criteria for coverage, but does not guarantee coverage of the service requested.

## **Initial Therapy Evaluation/Initial Therapy Visit Requests**

A provider (PCP) (MD, DO, PA, or NP) or appropriate specialist referral for the speech, physical, and occupational therapy evaluation must be on file prior to the completion of the evaluation, unless this requirement is exempted by the state. The therapy evaluation report must include **all** of the following:

- A statement of the individual's medical history; and
- A comparison of prior level of function to current level of function, as applicable; and
- A description of the individual's functional impairment including its impact on their health, safety, and/or independence; and
- A clear diagnosis including the appropriate ICD-10 code; and
- A reasonable prognosis, including the individual's potential for meaningful and noteworthy progress; and
- Baseline objective measurements (current versions of standardized assessments), including a description of the individual's current deficits and their severity level which include:
  - Current standardized assessment scores, age equivalents, percentage of functional delay, criterion-referenced scores, and/or other objective information as appropriate for the individual's condition or impairment
  - Standardized assessments administered must correspond to the delays identified and relate to the long- and short-term goals
  - Standardized assessments results will not be used as the sole determinant as to the medical necessity of the requested initial therapy visit
  - If the individual has a medical condition that prevents them from completing standardized assessment(s), alternatives could include:
    - The therapist provides in-depth objective clinical information using task analysis to describe the individual's deficit area(s) in lieu of standardized assessments
    - The therapist should include checklists, caregiver reports or interviews, and clinical observation

## **Plan of Care**

The initial authorization for therapy must also include a plan of care (POC). Providers must develop an individual's POC based on the results of the evaluation. The POC must include **all** the following:

- Functional or physical impairment; and
- Short and long-term therapeutic goals and objectives:
  - Treatment goals should be specific to the individual's diagnosed condition or functional or physical impairment
  - Treatment goals must be functional, measurable, attainable, and time based
  - Treatment goals must relate to individual-specific functional skills
- and
- Treatment frequency, duration, and anticipated length of treatment session(s)

## **Requests for Continuation of Therapy Visits**

For continuation of therapy visits, in addition to the above, also include, when applicable:

- Weeks of therapy previously authorized or treatment visits attended
- Additional therapy(ies) being requested, including frequency, duration, and anticipated length of treatment session(s)
- Individual's current status as compared to evaluation baseline data and the prior progress reports, including objective measures of individual performance in functional terms
- Physical and functional status compared to prior treatment measurements or assessments (using the same assessments or measures)
- Objective measurements demonstrate continued physical and functional impairment compared to normal values or pre-morbid level of function
- Provision of and need for continued skilled services

## Re-Evaluations

Re-evaluations must be completed at least once every six months or more frequently based on state regulatory requirements to support the need for on-going services. Re-evaluations performed more often than once should only be completed when the individual experiences a significant change in functional level in their condition or functional status. The documentation must be reflective of this change. Re-evaluations must include current standardized assessment scores, percentage of functional delay, criterion referenced scores, or other objective information as appropriate for the individual's condition or impairment. The therapy re-evaluation report must include **all** of the following:

- Date of last therapy evaluation; and
- Number of therapy visits authorized, and number of therapy visits attended; and
- Compliance to home program; and
- Description of the individual's current deficits and their severity level documented using objective data; and
- Objective demonstration of the individual's progress towards each treatment goal:
  - Using consistent and comparable methods to report progress on long- and short-term treatment goals established
  - For all unmet goals, baseline and current function so that the individual's progress towards goals can be measuredand
- An updated statement of the prescribed treatment modalities and their recommended frequency/duration; and
- A brief prognosis with clearly established discharge criteria; and
- An updated individualized POC must include updated measurable, functional and time-based goals:
  - The updated POC/progress summary must not be older than 90 days; and
  - If the majority of the long and short-term goals were not achieved, the plan of care must include a description of the barriers or an explanation why the goal(s) needed to be modified or discontinuedand
- A revised POC that the treating therapist has not made a meaningful update to support the need for continued services will not be accepted; in addition, the notation of the percentage accuracy towards the individual's goals alone is not sufficient to establish a need for continued, medically necessary therapy

## Treatment Session Notes

All treatment session notes must include:

- Date of treatment
- Specific treatment(s) provided that match the CPT code(s) billed
- Accurate documentation of the length of treatment session
- The individual's response to treatment
- Skilled ongoing reassessment of the individual's progress toward the goals
- All progress toward the goals in objective, measurable terms using consistent and comparable methods
- Any problems or changes to the POC
- Individual or caregiver involvement in, and feedback, about home program activities
- Signature and date of the treating provider

## Group Therapy

The documentation must include **all** of the following:

- Prescribing provider's order for group therapy; and
- Individualized treatment plan that includes frequency and duration of the prescribed group therapy and individualized treatment goals; and
- Name and signature of licensed therapist providing supervision over the group therapy session; and
- Specific treatment techniques utilized during the group therapy session and how the techniques will restore function; and
- Accurate documentation of the length of treatment session; and
- Group therapy setting or location; and
- Number of clients in the group

## Feeding and Swallowing Disorders

For feeding and swallowing evaluations, **all** of the following must be submitted:

- Interview/case history; and
- Medical/clinical records including the potential impact of medications, if any; and
- Physical examination; and
- Previous screening and assessments; and
- Collaboration with providers and other caregivers; and

- During assessment, therapists determine whether the individual is an appropriate candidate for treatment and/or management; this determination is based on findings that include medical stability, cognitive status, nutritional status, and psychosocial, environmental, and behavioral factors; and
- Assessment must result in one or more of the following outcomes:
  - Description of the characteristics of swallowing function, including any breakdowns in swallow physiology
  - Diagnosis of a swallowing disorder
  - Determination of the safest and most efficient route (oral vs. non-oral) of nutrition and hydration intake
  - Identification of the effectiveness of intervention and support
  - Recommendations for intervention and support for oral, pharyngeal, and/or laryngeal disorders
  - Prognosis for improvement and identification of other relevant factors, if appropriate

## Discharge Criteria

Discharge criteria includes, but is not limited to, **all** of the following (as applicable):

- Treatment goals and objectives have been met
- Functional abilities have become comparable to individuals of the same chronological age
- The desired level of function that has been agreed to by the individual and provider has been achieved
- The skill of a therapist or other licensed healthcare professional (within the scope of his/her licensure) is not required
- The individual exhibits behavior that interferes with improvement or participation in treatment and efforts to address these factors have not been successful
- In some situations, the individual, family, or designated guardian may choose not to participate in treatment, may relocate, or may seek another provider if the therapeutic relationship is not satisfactory; therefore, discharge is also appropriate in the following situations, provided that the individual, family, and/or guardian have been advised of the likely outcomes of discontinuation:
  - There is a request to be discharged or request continuation of services with another provider
  - The individual is transferred or discharged to another location where ongoing service from the current provider is not reasonably available; efforts should be made to ensure continuation of services in the new locale
  - The individual is unable to tolerate treatment because of a serious medical, psychological, or other condition

## Speech and Language Considerations

- Bilingual and multilingual speakers are frequently misclassified as developmentally delayed. Equivalent proficiency in both languages should not be expected. Individuals with limited English proficiency must receive culturally and linguistically adapted norm referenced standardized testing in all languages the child is exposed to in order to compare potential deficits. For speech and language therapy services for an individual with limited English proficiency, **all** of the following criteria must be met:
  - All speech deficits must be present in the language in which the individual has the highest proficiency; and
  - Language deficits must be present in the language in which the individual has the highest proficiency; and
  - Delivery of services must be in the language in which the individual has the highest receptive language proficiency
- For individuals with dyslexia, test results substantiating a diagnosis of receptive or expressive language delay must be included with goals addressing the corresponding language deficits (ASLHA).

## Applicable Codes

The following list(s) of procedure and/or diagnosis codes is provided for reference purposes only and may not be all inclusive. Listing of a code in this policy does not imply that the service described by the code is a covered or non-covered health service. Benefit coverage for health services is determined by federal, state, or contractual requirements and applicable laws that may require coverage for a specific service. The inclusion of a code does not imply any right to reimbursement or guarantee claim payment. Other Policies and Guidelines may apply.

CPT Code	Description
92507	Treatment of speech, language, voice, communication, and/or auditory processing disorder; individual
92508	Treatment of speech, language, voice, communication, and/or auditory processing disorder; group, 2 or more individuals
92521	Evaluation of speech fluency (e.g., stuttering, cluttering)
92522	Evaluation of speech sound production (e.g., articulation, phonological process, apraxia, dysarthria);

<b>CPT Code</b>	<b>Description</b>
92523	Evaluation of speech sound production (e.g., articulation, phonological process, apraxia, dysarthria); with evaluation of language comprehension and expression (e.g., receptive and expressive language)
92524	Behavioral and qualitative analysis of voice and resonance
92526	Treatment of swallowing dysfunction and/or oral function for feeding
92609	Therapeutic services for the use of speech-generating device, including programming and modification
92610	Evaluation of oral and pharyngeal swallowing function
96105	Assessment of aphasia (includes assessment of expressive and receptive speech and language function, language comprehension, speech production ability, reading, spelling, writing, e.g., by Boston Diagnostic Aphasia Examination) with interpretation and report, per hour
97012	Application of a modality to 1 or more areas; traction, mechanical
97014	Application of a modality to 1 or more areas; electrical stimulation (unattended)
97016	Application of a modality to 1 or more areas; vasopneumatic devices
97018	Application of a modality to 1 or more areas; paraffin bath
97022	Application of a modality to 1 or more areas; whirlpool
97024	Application of a modality to 1 or more areas; diathermy (e.g., microwave)
97026	Application of a modality to 1 or more areas; infrared
97028	Application of a modality to 1 or more areas; ultraviolet
97032	Application of a modality to 1 or more areas; electrical stimulation (manual), each 15 minutes
97033	Application of a modality to 1 or more areas; iontophoresis, each 15 minutes
97034	Application of a modality to 1 or more areas; contrast baths, each 15 minutes
97035	Application of a modality to 1 or more areas; ultrasound, each 15 minutes
97036	Application of a modality to 1 or more areas; Hubbard tank, each 15 minutes
97039	Unlisted modality (specify type and time if constant attendance)
97110	Therapeutic procedure, 1 or more areas, each 15 minutes; therapeutic exercises to develop strength and endurance, range of motion and flexibility
97112	Therapeutic procedure, 1 or more areas, each 15 minutes; neuromuscular reeducation of movement, balance, coordination, kinesthetic sense, posture, and/or proprioception for sitting and/or standing activities
97113	Therapeutic procedure, 1 or more areas, each 15 minutes; aquatic therapy with therapeutic exercises
97116	Therapeutic procedure, 1 or more areas, each 15 minutes; gait training (includes stair climbing)
97139	Unlisted therapeutic procedure (specify)
97140	Manual therapy techniques (e.g., mobilization/ manipulation, manual lymphatic drainage, manual traction), 1 or more regions, each 15 minutes
97150	Therapeutic procedure(s), group (2 or more individuals)
97161	Physical therapy evaluation: low complexity, requiring these components: A history with no personal factors and/or comorbidities that impact the plan of care; An examination of body system(s) using standardized tests and measures addressing 1-2 elements from any of the following: body structures and functions, activity limitations, and/or participation restrictions; A clinical presentation with stable and/or uncomplicated characteristics; and Clinical decision making of low complexity using standardized patient assessment instrument and/or measurable assessment of functional outcome. Typically, 20 minutes are spent face-to-face with the patient and/or family.



CPT Code	Description
97162	Physical therapy evaluation: moderate complexity, requiring these components: A history of present problem with 1-2 personal factors and/or comorbidities that impact the plan of care; An examination of body systems using standardized tests and measures in addressing a total of 3 or more elements from any of the following: body structures and functions, activity limitations, and/or participation restrictions; An evolving clinical presentation with changing characteristics; and Clinical decision making of moderate complexity using standardized patient assessment instrument and/or measurable assessment of functional outcome. Typically, 30 minutes are spent face-to-face with the patient and/or family.
97163	Physical therapy evaluation: high complexity, requiring these components: A history of present problem with 3 or more personal factors and/or comorbidities that impact the plan of care; An examination of body systems using standardized tests and measures addressing a total of 4 or more elements from any of the following: body structures and functions, activity limitations, and/or participation restrictions; A clinical presentation with unstable and unpredictable characteristics; and Clinical decision making of high complexity using standardized patient assessment instrument and/or measurable assessment of functional outcome. Typically, 45 minutes are spent face-to-face with the patient and/or family.
97164	Re-evaluation of physical therapy established plan of care, requiring these components: An examination including a review of history and use of standardized tests and measures is required; and Revised plan of care using a standardized patient assessment instrument and/or measurable assessment of functional outcome. Typically, 20 minutes are spent face-to-face with the patient and/or family.
97165	Occupational therapy evaluation, low complexity, requiring these components: An occupational profile and medical and therapy history, which includes a brief history including review of medical and/or therapy records relating to the presenting problem; An assessment(s) that identifies 1-3 performance deficits (i.e., relating to physical, cognitive, or psychosocial skills) that result in activity limitations and/or participation restrictions; and Clinical decision making of low complexity, which includes an analysis of the occupational profile, analysis of data from problem-focused assessment(s), and consideration of a limited number of treatment options. Patient presents with no comorbidities that affect occupational performance. Modification of tasks or assistance (e.g., physical or verbal) with assessment(s) is not necessary to enable completion of evaluation component. Typically, 30 minutes are spent face-to-face with the patient and/or family.
97166	Occupational therapy evaluation, moderate complexity, requiring these components: An occupational profile and medical and therapy history, which includes an expanded review of medical and/or therapy records and additional review of physical, cognitive, or psychosocial history related to current functional performance; An assessment(s) that identifies 3-5 performance deficits (i.e., relating to physical, cognitive, or psychosocial skills) that result in activity limitations and/or participation restrictions; and Clinical decision making of moderate analytic complexity, which includes an analysis of the occupational profile, analysis of data from detailed assessment(s), and consideration of several treatment options. Patient may present with comorbidities that affect occupational performance. Minimal to moderate modification of tasks or assistance (e.g., physical or verbal) with assessment(s) is necessary to enable patient to complete evaluation component. Typically, 45 minutes are spent face-to-face with the patient and/or family.
97167	Occupational therapy evaluation, high complexity, requiring these components: An occupational profile and medical and therapy history, which includes review of medical and/or therapy records and extensive additional review of physical, cognitive, or psychosocial history related to current functional performance; An assessment(s) that identifies 5 or more performance deficits (i.e., relating to physical, cognitive, or psychosocial skills) that result in activity limitations and/or participation restrictions; and Clinical decision making of high analytic complexity, which includes an analysis of the patient profile, analysis of data from comprehensive assessment(s), and consideration of multiple treatment options. Patient presents with comorbidities that affect occupational performance. Significant modification of tasks or assistance (e.g., physical or verbal) with assessment(s) is necessary to enable patient to complete evaluation component. Typically, 60 minutes are spent face-to-face with the patient and/or family.

CPT Code	Description
97168	Re-evaluation of occupational therapy established plan of care, requiring these components: An assessment of changes in patient functional or medical status with revised plan of care; An update to the initial occupational profile to reflect changes in condition or environment that affect future interventions and/or goals; and A revised plan of care. A formal reevaluation is performed when there is a documented change in functional status or a significant change to the plan of care is required. Typically, 30 minutes are spent face-to-face with the patient and/or family.
97530	Therapeutic activities, direct (one-on-one) patient contact (use of dynamic activities to improve functional performance), each 15 minutes
97535	Self-care/home management training (e.g., activities of daily living (ADL) and compensatory training, meal preparation, safety procedures, and instructions in use of assistive technology devices/adaptive equipment) direct one-on-one contact, each 15 minutes
97542	Wheelchair management (e.g., assessment, fitting, training), each 15 minutes
97750	Physical performance test or measurement, (e.g., musculoskeletal, functional capacity) with written report, each 15 minutes
97755	Assistive technology assessment (e.g., to restore, augment or compensate for existing function, optimize functional tasks and/or maximize environmental accessibility), direct one-on-one contact, with written report, each 15 minutes
97760	Orthotic(s) management and training (including assessment and fitting when not otherwise reported), upper extremity(ies), lower extremity(ies) and/or trunk, initial orthotic(s) encounter, each 15 minutes
97761	Prosthetic(s) training, upper and/or lower extremity(ies), initial prosthetic(s) encounter, each 15 minutes
97763	Orthotic(s)/prosthetic(s) management and/or training, upper extremity(ies), lower extremity(ies), and/or trunk, subsequent orthotic(s)/prosthetic(s) encounter, each 15 minutes
97799	Unlisted physical medicine/rehabilitation service or procedure

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HCPCS Code	Description
G0281	Electrical stimulation, (unattended), to one or more areas, for chronic Stage III and Stage IV pressure ulcers, arterial ulcers, diabetic ulcers, and venous stasis ulcers not demonstrating measurable signs of healing after 30 days of conventional care, as part of a therapy plan of care
G0283	Electrical stimulation (unattended), to one or more areas for indication(s) other than wound care, as part of a therapy plan of care
S8948	Application of a modality (requiring constant provider attendance) to one or more areas; low-level laser; each 15 minutes
S8990	Physical or manipulative therapy performed for maintenance rather than restoration
S9129	Occupational therapy, in the home, per diem
S9131	Physical therapy; in the home, per diem
S9152	Speech therapy, re-evaluation

## Description of Services

Rehabilitative services are intended to improve, adapt, or restore functions which have been impaired or permanently lost as a result of illness, injury, loss of a body part, or congenital abnormality. Such services involve goals an individual can reach in a reasonable period of time with the assistance of a therapist or a therapy assistant under the supervision of a therapist. Services may include occupational, physical, or speech therapy.

Habilitation services are health care services that help a person keep, learn, or improve skills and functioning for daily living. Examples include therapy for a child who isn't walking or talking at the expected age. These services may include physical and occupational therapy, speech-language pathology, and other services for individuals with disabilities in a variety of inpatient and/or outpatient settings.

Maintenance therapy includes services that seek to prevent disease, promote health, and prolong and enhance the quality of life, or maintain or prevent deterioration of a chronic condition. When further clinical improvement cannot reasonably be

expected from continuous ongoing care, and the treatment becomes supportive rather than corrective in nature, the treatment is then considered maintenance therapy. Services may include occupational, physical, or speech therapy.

## Clinical Evidence

Erikson et al. (2021) studied eighty second-grade children (ages 7-9). Forty bilingual Spanish-English children were paired with monolingual English-speaking peers based on age, gender and percentage scores on the Goldman-Frisco Test of Articulation – Second Edition. This study was to assess if bilingual Spanish-English speaking children had an increased rate of English phonologic errors over their monolingual peers. Additional inclusionary criteria was utilized to rule out language impairment for bilingual children as bilingual children with typical development may score lower than their monolingual peers on standardized tests. Descriptive testing was administered to the participants over sex sessions. The authors state the study contributes to the understanding of the English phonological skills of bilingual Spanish-English speaking school-aged participants and determining whether some phonological targets may be more vulnerable for bilingual school-aged children. The authors concluded phonological differences between bilingual participants and their monolingual peers is observed during the school-age years even when bilingual children can speak English with a high level of proficiency and these challenges have the potential to impact learning success. Limitations of the study include this study being a post-hoc analysis and the analyses did not address the clinical utility of the test in improving individuals' learning success.

Fabiano-Smith et al. (2018) conducted a study on bilingual children whose phonological skills are evaluated using measures designed for monolingual English-speaking children, and the risk of being misdiagnosed with speech sound disorders. Forty-four children (average age of 5) were included: 15 typically developing monolingual English speakers, 7 monolingual English speakers with phonological disorders, 14 typically developing bilingual Spanish-English speakers, and 8 bilingual children with phonological disorders. Single-word speech sounds were examined on Percentage Consonants Correct-Revised (PCC-R) and accuracy of early-, middle-, and late- (EML) developing sounds in English, and was compared to bilingual speakers with and without speech sound disorders. The results showed that for monolingual English speakers, PCC-R was accurate in identifying speech sound disorder at this age, and this was also the case for bilingual children. Accuracy of EML developing sounds showed similar results in monolingual and bilingual children. The authors concluded that bilingual speaking children perform much like their monolingual English-speaking peers on measures of phonological abilities, and when paired with historical research, bilingual children entering kindergarten are at a lower risk of misdiagnosis than younger children when informal measures are used. However it was noted that misdiagnosis continues to be a problem when standardized articulation tests are used, suggesting these measures need to be adapted for bilingual children.

In a 2010 study, Fabiano-Smith et al. conducted a study to determine how between-language interaction contributes to phonological acquisition in typically developing bilingual Spanish-English speaking children ages 3-4 years old. A total of 24 children were included in the study: eight bilingual Spanish-English speaking children, eight monolingual Spanish speaking children, and eight monolingual English speaking children. The participants were from the United States and Mexico. The children were categorized into three groups based on language history: eight bilingual Spanish-English speaking children (mean age = 3;6; range = 3;0-4;0); eight monolingual Spanish speakers (mean age = 3;4; range = 3;2-4;0); and eight monolingual English speakers (mean age = 3;3; range = 3;0-3;11). Additionally, a parent and/or teacher report was utilized to determine phonological ability and ensure all children were without speech, language, cognitive or neurological deficits. Both single word and connected speech samples were collected from each child for analysis. The authors concluded the bilingual children were able to maintain separation between their two phonological systems, thus, supporting between-language interaction at this level is rare. Additionally, overall consonant accuracy in Spanish was significantly higher in monolinguals than in bilinguals, however, the rate was within the normal range for age-matched monolingual children. Lastly, the bilingual children did not demonstrate a faster rate of acquisition than that of their monolingual peers. They demonstrated phonological skills that fall within the range of their monolingual peers. The small number of participants is a major limitation of this study as an attempt to create a homogeneous sample out of a heterogeneous population limited the number of participants.

In a 2008 study, Gildersleeve-Neumann et al. compared the speech acquisition in typically developing 3-4 years old children with monolingual English to the same age group with bilingual Spanish-English backgrounds. This study was to evaluate the impact of Spanish language exposure on English skills, and to assess if this resulted in increased English errors in bilingual children. The study consisted of 33 children between the ages of 3 years and one month and 3 years and 10 months that were enrolled at a Head Start program in central Texas. Participants were from English, Mexican English-Spanish, and Mexican Spanish home language environments, with the majority residing in bilingual homes. The children were divided into English-only (E), predominantly English (PE), and balanced bilingual English-Spanish (ES) exposure groups. English was the main language spoken and encouraged in the Head Start program, however some staff was bilingual, but Spanish was rarely spoken. Language development was established based on their performance on



English and Spanish versions of the Receptive and Expressive One-Word Picture Vocabulary Tests, the Comprehension subtest of the Stanford Binet Intelligence Scale: Fourth Edition, and dynamic assessment procedures. Spoken responses to a picture naming task were collected at the beginning and at the end of the Head Start school year (8 months later). The results showed that regardless of language background or level of English exposure, these 3- and 4-year-old children produced most sounds of English in their single-word productions, as would be expected for overall chronological speech development, and had similar phonetic inventories in each language environment. As expected, the children with the greatest exposure to English made fewer errors on average which decreased over time for all groups. Differences were seen in pronunciation as letters are pronounced differently in Spanish than English, as well as the ability to enunciate sounds in this age group. With regard to word complexity, final consonants and cluster reduction showed differences related to the amount of English exposure, which is related to differences in the two languages as well as the physical mechanisms required for speech, including respiration, phonation, articulation, and resonance to generate and shape speech sounds. Early resolved error patterns are mastered equally well across the three groups regardless of language exposure suggesting the ability to more easily transfer from one language to the other. Vowel sounds were comparably accurate among the groups. Spanish speech patterns remained the highest in the ES group, and vocalization errors were more frequent in this group as well. Final consonant devoicing was higher in the bilingual children at both time points and showed the highest error rate in the ES group, possibly due to children taking longer to physically produce some sounds. The authors concluded that this study is in agreement with previous research that indicates the phonological rules of one language may transfer to the second language during acquisition, and that language-specific error patterns may be typical for bilingual development in transferring into English usage, and not an indicator of clinical speech disorder or delay.

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UnitedHealthcare Insurance Company Generic Certificate of Coverage 2018.

## Policy History/Revision Information

Date	Summary of Changes
11/01/2025	<b>Coverage Rationale</b> <ul style="list-style-type: none"><li>Added language (relocated from <i>Benefit Considerations</i> section) to indicate the services must not be duplicate services of another service provided concurrently by any other type of therapy (such as speech, physical, and occupational therapy) and must provide different treatment goals, plans, and therapeutic modalities</li></ul>

Date	Summary of Changes
	<p><b><i>Speech and Language Considerations</i></b></p> <ul style="list-style-type: none"> <li>● Added language (relocated from <i>Benefit Considerations</i> section) to indicate: <ul style="list-style-type: none"> <li>○ Bilingual and multilingual speakers are frequently misclassified as developmentally delayed; equivalent proficiency in both languages should not be expected</li> <li>○ Individuals with limited English proficiency must receive culturally and linguistically adapted norm referenced standardized testing in all languages the child is exposed to in order to compare potential deficits</li> <li>○ For speech and language therapy services for an individual with limited English proficiency, all of the following criteria must be met: <ul style="list-style-type: none"> <li>▪ All speech deficits must be present in the language in which the individual has the highest proficiency</li> <li>▪ Language deficits must be present in the language in which the individual has the highest proficiency</li> <li>▪ Delivery of services must be in the language in which the individual has the highest receptive language proficiency</li> </ul> </li> <li>○ For individuals with dyslexia, test results substantiating a diagnosis of receptive or expressive language delay must be included with goals addressing the corresponding language deficits (ASLHA)</li> </ul> </li> </ul> <p><b><i>Supporting Information</i></b></p> <ul style="list-style-type: none"> <li>● Added <i>Clinical Evidence</i> section</li> <li>● Updated <i>Description of Services</i> and <i>References</i> sections to reflect the most current information</li> <li>● Removed <i>Benefit Considerations</i> section</li> <li>● Archived previous policy version CS164.K</li> </ul>

## Instructions for Use

This Medical Policy provides assistance in interpreting UnitedHealthcare standard benefit plans. When deciding coverage, the federal, state or contractual requirements for benefit plan coverage must be referenced as the terms of the federal, state or contractual requirements for benefit plan coverage may differ from the standard benefit plan. In the event of a conflict, the federal, state or contractual requirements for benefit plan coverage govern. Before using this policy, please check the federal, state or contractual requirements for benefit plan coverage. UnitedHealthcare reserves the right to modify its Policies and Guidelines as necessary. This Medical Policy is provided for informational purposes. It does not constitute medical advice.

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