

1 **Clinical Practice Guideline:** **Physical Therapy Medical Policy/Guidelines**

2

3 **Date of Implementation:** **October 18, 2012**

4

5 **Product:** **Specialty**

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- Related Policies:
- CPG 12: Medical Necessity Decision Assist Guideline for Rehabilitative Care
 - CPG 30: Laser Therapy (LT)
 - CPG 83: Axial/Spinal Decompression Therapy
 - CPG 110: Medical Record Maintenance and Documentation Practices
 - CPG 111: Patient Assessments: Medical Necessity Decision Assist Guideline for Evaluations and Re-evaluations
 - CPG 112: Exercise Therapy for Treatment of Non-Specific Low Back Pain
 - CPG 113: Exercise Therapy for Treatment of Neck Pain
 - CPG 119: Spinal Manipulative Therapy for Non-Musculoskeletal Conditions and Related Disorders
 - CPG 121: Passive Physiotherapy Modalities
 - CPG 129: Electrodiagnostic Testing
 - CPG 133: Techniques and Procedures Not Widely Supported As Evidence-Based
 - CPG 143: Strapping and Taping
 - CPG 144: Prosthetic Training and Evaluation
 - CPG 146: Range of Motion Testing
 - CPG 148: Wheelchair Management
 - CPG 152: Orthotic Training and Evaluation
 - CPG 155: Occupational Therapy Medical Policy/Guideline
 - CPG 156: Wound Care
 - CPG 157: Lymphedema
 - CPG 165: Autism Spectrum Disorder (ASD) – Outpatient Rehabilitation Services (Speech, Physical, and Occupational Therapy)
 - CPG 166: Speech-Language Pathology/Speech Therapy Guidelines
 - CPG 175: Extra-Spinal Joint Manipulation/Mobilization for the Treatment of Upper Extremity Musculoskeletal Conditions
 - CPG 177: Extra-Spinal Joint Manipulation/Mobilization for the Treatment of Lower Extremity Musculoskeletal Conditions
 - CPG 178: Dry Needling
 - CPG 269: H-Wave® Electrical Stimulation
 - CPG 270: Cognitive Rehabilitation
 - CPG 272: Electric Stimulation for Pain, Swelling and Function in the Clinic Setting
 - CPG 273: Superficial Heat and Cold
 - CPG 274: Deep Heating Modalities (Therapeutic Ultrasound and Diathermy)
 - CPG 275: Mechanical Traction (Provided in a Clinic Setting)
 - CPG 276: MEDEK Therapy
 - CPG 277: Non-invasive Interactive Neurostimulation (InterX®)
 - CPG 286: Intensive Model of Therapy
 - CPG 295: Physical Performance Testing or Measurement
 - CPG 305: Virtual Physical Therapy and Rehabilitation Services

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DESCRIPTION

This document addresses Physical Therapy Services which may be delivered by a Physical Therapist acting within the scope of a professional license. This document also addresses the processes associated with Medical Necessity Determinations performed by American Specialty Health (ASH) Clinical Quality Evaluators (CQEs) on services submitted for review.

10 The availability of coverage for rehabilitative and/or habilitative services will vary by
11 benefit design as well as by State and Federal regulatory requirements. Benefit plans may
12 include a maximum allowable rehabilitation benefit, either in duration of treatment or in
13 number of visits or in the conditions covered or type of services covered. When the
14 maximum allowable benefit is exhausted or if the condition or service are not covered,
15 coverage will no longer be provided even if the medical necessity criteria described below
16 are met.

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18

GUIDELINES

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1. PROVIDERS OF PHYSICAL THERAPY SERVICES

21 Covered, medically necessary rehabilitative or habilitative services must be delivered by a
22 qualified Physical Therapist acting within the scope of their license as regulated by the
23 Federal and State governments. Some services may be performed by ancillary providers
24 (e.g., licensed physical therapist assistant) under the direction and supervision of, and in
25 collaboration with, a licensed Physical Therapist; however, generally, only those
26 healthcare practitioners who hold an active license, certification, or registration with the
27 applicable state board or agency may provide such services. Benefits for services provided
28 by these ancillary healthcare providers may also be dependent upon the patient's benefit
29 contract language.

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Aides and other nonqualified personnel are limited to provision of non-skilled services such as preparing the individual, treatment area, equipment, or supplies; assisting a qualified therapist or assistant; and transporting individuals.

35 Physical therapists provide services to patients who have impairments, functional
36 limitations, disabilities, or changes in physical function and health status resulting from
37 injury, disease, or other causes. Medically necessary physical therapy services must relate
38 to a written treatment plan of care and be of a level of complexity that requires the

1 judgment, knowledge and skills of a physical therapist to perform and/or supervise the
2 services.

3
4 A service is not considered a skilled therapy service merely because it is furnished by a
5 therapist or by a therapist/therapy assistant under the direct or general supervision, as
6 applicable, of a therapist. If a service can be self-administered or safely and effectively
7 furnished by an unskilled person, without the direct or general supervision, as applicable,
8 of a therapist, the service cannot be regarded as a skilled therapy service even though a
9 therapist actually furnishes the service. Similarly, the unavailability of a competent person
10 to provide a non-skilled service, notwithstanding the importance of the service to the
11 patient, does not make it a skilled service when a therapist furnishes the service.

12 Services that do not require the professional skills of a therapist to perform or supervise
13 are not medically necessary, even if they are performed or supervised by a therapist,
14 physician or NPP. Therefore, if a patient’s therapy can proceed safely and effectively
15 through a home exercise program, self-management program, restorative nursing program
16 or caregiver assisted program, physical therapy services are not indicated or medically
17 necessary. Physical therapy is used for both rehabilitation and habilitation. Skilled physical
18 therapy services may be necessary to improve a patient’s current condition, to maintain the
19 patient’s current condition, or to prevent or slow further deterioration of the patient’s
20 condition.

21
22 The plan of care for medically necessary physical therapy services is established by a
23 licensed physical therapist. The amount, frequency and duration of the physical therapy
24 services must be reasonable (within regional norms and commonly accepted practice
25 patterns); the services must be considered appropriate and needed for the treatment of the
26 condition and must not be exclusive palliative in nature. Thus, once therapeutic benefit has
27 been achieved, or a home exercise program could be used for further gains without the
28 need for skilled physical therapy, continuing supervised physical therapy is not considered
29 medically necessary.

30
31 Rehabilitative services are intended to improve, adapt or restore functions which have been
32 impaired or permanently lost as a result of illness, injury, loss of a body part, or congenital
33 abnormality involving goals an individual can reach in a reasonable period of time. If no
34 improvement is documented after two weeks of treatment, an alternative treatment plan
35 should be attempted. Treatment is no longer medically necessary when the individual stops
36 progressing toward established goals.

37
38 Habilitative services are defined by the National Association of Insurance Commissioners
39 as “health care services that help a person keep, learn or improve skills and functioning for

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1 daily living.” Habilitative services are intended to maintain, develop or improve skills
2 needed to perform activities of daily living (ADLs) or instrumental activities of daily living
3 (IADLs) which have not (but normally would have) developed or which are at risk of being
4 lost as a result of illness, injury, loss of a body part, or congenital abnormality. Examples
5 include therapy for a child who is not walking at the expected age.

6
7 **Note:** The availability of rehabilitative and/or habilitative benefits for physical therapy
8 services, state and federal mandates, and regulatory requirements should be verified and
9 followed in addition to the benefit plan provisions and medical necessity criteria defined
10 in this document.

11
12 The Guide to Physical Therapist Practice, published by the APTA (2014), supports this
13 guideline in all areas of physical therapy practice.

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2. REHABILITATIVE PHYSICAL THERAPY SERVICES

Medically Necessary

(1) Rehabilitative physical therapy (PT) services to improve, adapt or restore functions which have been impaired or permanently lost and/or to reduce pain as a result of illness, injury, loss of a body part, or congenital abnormality are considered **medically necessary** when **ALL** the following criteria are met:

1. The services are delivered by a qualified provider of physical therapy services (i.e., appropriately trained and licensed by the state to perform physical therapy services); and
2. Rehabilitative physical therapy occurs when the judgment, knowledge, and skills of a qualified provider of physical therapy services (as defined by the scope of practice for therapists in each state) are necessary to safely and effectively furnish a recognized therapy service due to the complexity and sophistication of the plan of care and the medical condition of the individual, with the goal of improvement of an impairment or functional limitation.
3. The patient’s condition has the potential to improve or is improving in response to therapy, maximum improvement is yet to be attained; and there is an expectation that the anticipated improvement is attainable in a **reasonable and predictable period of time*** and will result in a clinically significant level of functional improvement; and
4. Improvement or restoration of function could not be reasonably expected as the individual gradually resumes normal activities without the provision of skilled rehabilitative services; and
5. The documentation objectively verifies progressive functional improvement over specific time frames and clinically justifies the initiation of continuation of rehabilitative services; and
6. The program is individualized, and there is documentation outlining quantifiable, attainable treatment goals.

***Reasonable and predictable period of time:** The specific time frames for which one would expect practical functional improvement is dependent on various factors including whether the services are Rehabilitative or Habilitative services. A reasonable trial of care for rehabilitative services to determine the patient’s potential for improvement in or restoration of function is influenced by the diagnosis; clinical evaluation findings; stage of the condition (acute, sub-acute, chronic); severity of the condition; and patient-specific elements (age, gender, past and current medical history, family history, and any relevant psychosocial factors). Habilitative services may be prolonged and are primarily influenced by the type of ADLs or IADLs which have not developed, or which are at risk of being lost.

(2) A physical therapy evaluation is considered medically necessary for the assessment of a physical impairment.

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Not Medically Necessary

- 1) Rehabilitative PT services are considered not medically necessary if any of the following is determined:
 1. Rehabilitative services are NOT 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.
 2. The individual’s condition is strictly of a behavioral nature without any associated motor involvement that impacts functional activities (e.g., ADHD, anxiety).
 3. Improvement or restoration of function could reasonably be expected to improve as the individual gradually resumes normal activities without the provision of skilled therapy services. For example:
 - A patient suffers a transient and easily reversible loss or reduction in function which could reasonably be expected to improve spontaneously as the patient gradually resumes normal activities.
 - A fully functional patient who develops temporary weakness from a brief period of bed rest following abdominal surgery.
 3. Therapy services that do not require the skills of a qualified provider of PT services. Examples include but are not limited to:
 - General exercises (basic aerobic, strength, flexibility or aquatic programs) to promote overall fitness/conditioning.
 - Services for the purpose of enhancing athletic or recreational sports performance or for return to sport after injury or surgery.
 - Massages and whirlpools for relaxation.
 - General public education/instruction sessions.
 - Repetitive gait or other activities and services that an individual can practice independently and can be self-administered safely and effectively.
 - a) Activities that require only routine supervision and NOT the skilled services of a physical therapy provider.
 - b) When a home exercise program is sufficient and can be utilized to continue therapy (examples of exceptions include but would not be limited to the following: if patient has poor exercise technique that requires cueing and feedback, lack of support at home if necessary for exercise program completion, and/or cognitive impairment that doesn’t allow the patient to complete the exercise program).
 4. The expectation does **not** exist that the service(s) will result in a clinically significant improvement in the level of functioning within a reasonable and predictable period of time (up to 4 weeks).

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- 1 ○ If function could reasonably be expected to improve as the individual gradually
2 resumes normal activities, then the service is considered **not** medically
3 necessary.
- 4 ○ The patient’s condition does not have the potential to improve or is not
5 improving in response to therapy; or would be insignificant relative to the extent
6 and duration of therapy required; and there is an expectation that further
7 improvement is NOT attainable.
- 8 ○ The documentation fails to objectively verify functional progress over a
9 reasonable period of time (up to 4 weeks).
- 10 ○ The patient has reached maximum therapeutic benefit.
- 11 5. A passive modality is **not** preparatory to other skilled treatment procedures or is
12 not necessary in order to provide other skilled treatment procedures safely and
13 effectively.
- 14 6. A passive modality has insufficient published evidence to support a clinically
15 meaningful physiologic effect on the target tissue or improve the potential for a
16 positive response to care for the condition being treated.
- 17 7. Reevaluations or assessments of a patient’s status that are not separate and distinct
18 services from those work components included within physical therapy services
19 provided.
- 20 8. Reevaluations or assessments of a patient’s status that are not necessary to continue
21 a course of therapy nor related to a new condition or exacerbation for which the
22 reevaluation will likely result in a change in the treatment plan.
- 23 9. The treatments/services are not supported by and are not performed in accordance
24 with peer-reviewed literature as documented in applicable ASH CPGs or other
25 literature accepted by ASH Clinical Quality committee.
- 26
- 27 (2) The following treatments/programs are considered **not** medically necessary because
28 they are non-medical, non-rehabilitative, educational, or training in nature. In addition,
29 these treatments/programs may be specifically excluded under benefit plans:
- 30 • Back school.
- 31 • Vocational rehabilitation programs and any program or evaluation with the primary
32 goal of returning an individual to work.
- 33 • Work hardening programs.
- 34 • Health and wellness interventions.
- 35 • Education and achievement testing, including Intelligence Quotient (IQ) testing.
- 36 • Educational interventions (e.g., classroom environmental manipulation, academic
37 skills training and parental training).
- 38 • Services provided within the school setting and duplicated in the rehabilitation

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1 setting.

2

3 (3) Physical therapy service for executive functioning is considered not medically
4 necessary as it does not address an underlying medical condition affecting motor
5 deficits.

6

- Executive functioning involves learning and cognitive skills which can be
7 addressed with instruction and practice in a life skills or educational program.

8

- Examples of executive functioning includes deficits in the following areas, but not
9 limited to: sustaining and shifting attention, focusing, planning, organizing,
10 sequencing, managing frustration, modulating emotions that are affecting life skills
11 and daily activities.

12

13 (4) Physical therapy for the treatment of any of the following conditions is considered
14 unproven:

15

1. Sexual dysfunction unrelated to musculoskeletal or orthopedic condition.

16

2. Scoliosis curvature correction (e.g., Schroth Method).

17

(5) Use of any of the following treatments is considered unproven. Refer to *Techniques
18 and Procedures Not Widely Supported as Evidence-Based (CPG 133 - S)* and/or the
19 specific guideline below for additional information.

20

1. Intensive model of constraint-induced movement therapy

21

2. Intensive Model of Therapy (IMOT) programs (*Intensive Model of Therapy [CPG
22 286 – S]*)

23

3. Dry hydrotherapy/aquamassage/hydromassage

24

4. Non-invasive Interactive Neurostimulation (e.g., InterX®) [*Non-invasive
25 Interactive Neurostimulation (InterX®) (CPG 277 – S)*]

26

5. Microcurrent Electrical Nerve Stimulation (MENS)

27

6. H-WAVE ® [*H-WAVE® Electrical Stimulation (CPG 269 – S)*]

28

7. Spinal manipulation for the treatment of non-musculoskeletal conditions and
29 related disorders [*Spinal Manipulative Therapy for Non-Musculoskeletal
30 Conditions and Related Disorders (CPG 119 – S)*]

31

8. Equestrian therapy (e.g., hippotherapy)

32

9. MEDEK Therapy [*MEDEK Therapy (CPG 276 – S)*]

33

10. The Interactive Metronome Program

34

11. Elastic therapeutic tape/taping (e.g., Kinesio™ tape, KT TAPE/KT TAPE PRO™,
35 Spidertech™ tape) [*Strapping and Taping (CPG 143 – S)*]

36

12. Dry Needling [*Dry Needling (CPG 178 – S)*]

37

13. Laser therapy [*Laser Therapy (LT) (CPG 30 – S)*]

38

14. Vertebral axial decompression therapy and devices (e.g., VAX-D, DRX,
39 DRX2000, DRX3000, DRX5000, DRX9000, DRS, Dynapro™ DX2, Accu-

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1 SPINA™ System, IDD Therapy® [Intervertebral Differential Dynamics Therapy],
 2 Tru Tac 401, Lordex Power Traction device, Spinex LDM) [*Axial/Spinal*
 3 *Decompression Therapy (CPG 83 – S)*]

3. MAINTENANCE PHYSICAL THERAPY SERVICES

4
 5 According to the Centers for Medicare and Medicaid Services (CMS) guidelines, or when
 6 covered by private carriers, maintenance physical therapy services are a covered benefit
 7 when skilled physical therapy care is medically necessary to maintain functional status or
 8 to prevent or slow further deterioration in function. Unlike coverage for rehabilitative
 9 therapy, coverage for maintenance therapy does not depend on the presence or absence of
 10 a patient’s potential for improvement for therapy; the deciding factors are always whether
 11 the services are considered reasonable, effective treatments for the patient’s condition and
 12 require the skills of a therapist. A maintenance program is considered medically necessary
 13 when any of the following criteria are met:
 14

- 15
- 16 • If the specialized skill, knowledge and judgment of a qualified physical therapist
 17 are required to establish or design a maintenance program to maintain the patient’s
 18 current condition or to prevent or slow further deterioration.-
 19
- 20 • If skilled physical therapy services by a qualified physical therapist, or physical
 21 therapist assistant under the supervision of a qualified therapist, are needed to
 22 instruct the patient or appropriate caregiver regarding the maintenance program.
 23
- 24 • If skilled physical therapy services are needed for periodic reevaluations or
 reassessments of the maintenance program.

25 Once a maintenance program is designed or established, a maintenance program can
 26 generally be performed by the patient alone or with the assistance of family member,
 27 caregiver or unskilled personnel. In such situations, coverage is not medically necessary.
 28 The performance or delivery of the maintenance therapy program is considered medically
 29 necessary only when the documentation establishes that the following criteria has been
 30 met:

- 31
- 32 1. The individualized assessment of a patient’s clinical condition demonstrates that
 33 the specialized judgment, knowledge and skills of a physical therapy practitioner
 34 (skilled care) are necessary for the performance of an effective maintenance
 35 program.
- 36 2. When the needed therapy procedures required to maintain the patient’s current
 37 function or to prevent or slow further deterioration are of such complexity and

- 1 sophistication that the skills of a qualified physical therapy practitioner (as defined
2 by scope of practice in each state) are required to furnish the therapy procedure; or
3 3. The particular patient’s special medical complications require the skills of a
4 qualified physical therapy practitioner to furnish a therapy service required to
5 maintain the patient’s current function or to prevent or slow further deterioration,
6 even if the skills of a physical therapy practitioner are not ordinarily needed to
7 perform such therapy procedures.
8

9 The plan of care must be developed by the physician, NPP (non-physician practitioner) or
10 PT who will provide the PT services.

11 **4. HABILITATIVE PHYSICAL THERAPY SERVICES**

12 Habilitative services may or may not be covered services. If the member’s contract
13 excludes habilitative services, the contract prevails.
14

15 **Medically Necessary**

16 (1) Habilitative PT services are considered medically necessary when **ALL** the following
17 criteria are met:

- 18 1. The therapy is intended to maintain or develop skills needed to perform Activities
19 of Daily Living (ADLs) or Instrumental Activities of Daily Living (IADLs) which
20 have not (but normally would have) developed or which are at risk of being lost as
21 a result of illness (including developmental delay), injury, loss of a body part, or
22 congenital abnormality.
23 2. The physical therapy services are evidence-based and require the judgment,
24 knowledge, and skills of a qualified provider of physical therapy services due to the
25 complexity and sophistication of the plan of care and the medical condition of the
26 individual.
27 3. There is an expectation that the therapy will assist development of function or
28 maintain an acceptable level of functioning.
29 4. An individual would either not be expected to develop the function or would be
30 expected to permanently lose the function (not merely experience fluctuation in the
31 function) without the habilitative service. If the undeveloped or impaired function
32 is not the result of a loss of body part or injury, a physician experienced in the
33 evaluation and management of the undeveloped or impaired has confirmed that the
34 function would not either be expected to develop or would be permanently lost
35 without the habilitative service. This information also concurs with the written
36 treatment plan, which is likely to result in meaningful development of function or
37 prevention of the loss of function.
38

- 1 5. There is a written treatment plan documenting the short and long-term goals
2 (including estimated time when goals will be met) of treatment, frequency and
3 duration of treatment, and what quantitative outcome measures will be used to
4 assess function objectively.
- 5 6. Documentation objectively verifies that, at a minimum, functional status is
6 maintained or developed.
- 7 7. The services are delivered by a qualified provider of physical therapy services.

9 **Not Medically Necessary**

- 10 (1) Habilitative PT services are considered not medically necessary if any of the criteria
11 above are not met or the individual's condition is strictly of a behavioral nature without
12 any associated motor involvement that impacts functional activities (e.g., ADHD,
13 anxiety).

15 **5. REDUNDANT THERAPEUTIC EFFECTS AND REHABILITATIVE OR** 16 **HABILITATIVE SERVICES**

- 17
- 18 1. Redundant rehabilitative or habilitative therapy services expected to achieve the
19 same therapeutic goal are considered not medically necessary and it would be
20 inappropriate to provide these services to the same body region during the same
21 treatment session. This includes treatments, such as but not limited to:
 - 22 ○ multiple modalities procedures that have similar or overlapping physiologic
23 effects (e.g., multiple forms of superficial or deep heating modalities).
 - 24 ○ massage therapy and myofascial release.
 - 25 ○ orthotics training and prosthetic training.
 - 26 ○ whirlpool and Hubbard tank.
- 27
- 28 2. Duplicative (same or similar) rehabilitative or habilitative services provided as part
29 of an authorized therapy program through another therapy discipline are not
30 medically necessary and inappropriate in the provision of care for the same patient.
 - 31 ○ When individuals receive physical, occupational, or speech therapy, the
32 therapists should provide different treatments that reflect each therapy
33 discipline's unique perspective on the individual's impairments and
34 functional deficits and not duplicate the same treatment. They must also
35 have separate evaluations, treatment plans, and goals. This applies to
36 chiropractic services as well.
 - 37 ○ As an example, when individuals receive manual therapy services from a
38 physical therapist and chiropractic or osteopathic manipulation, the services

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1 must be documented as separate and distinct, performed on different body
 2 parts, and must be justified and non-duplicative.

3 4 **6. THERAPEUTIC MODALITIES AND PROCEDURES**

5 The CPT codebook defines a modality as "any physical agent applied to produce
 6 therapeutic changes to biologic tissue; includes but is not limited to thermal, acoustic, light,
 7 mechanical, or electric energy." Modalities may be supervised, which means that the
 8 application of the modality doesn't require direct one-on-one patient contact by the
 9 practitioner. This means that set-up and application of the modality needs to be supervised
 10 by a physical therapist, but they do not need to perform the modality. Modalities may also
 11 involve constant attendance, which indicates that the modality requires direct one-on-one
 12 patient contact by the practitioner.

13
 14 Supervised modalities are untimed therapies. Untimed therapies are usually reported only
 15 once for each date of service regardless of the number of minutes spent providing this
 16 service or the number of body areas to which they were applied. Untimed services billed
 17 as more than one unit will require significant documentation to justify treatment greater
 18 than one session per day. Examples of supervised modalities include application of:

- 19 • Hot or cold packs
- 20 • Mechanical traction
- 21 • Unattended electrical stimulation (i.e., for pain relief)
- 22 • Vasopneumatic devices
- 23 • Whirlpool
- 24 • Paraffin bath
- 25 • Diathermy

26
 27 Modalities that require constant attendance, are timed and reported in 15-minute
 28 increments (one unit) regardless of the number of body areas to which they are applied.
 29 Examples of modalities that require constant attendance include:

- 30 • Contrast baths
- 31 • Ultrasound
- 32 • Attended electrical stimulation (i.e., NMES)
- 33 • Iontophoresis

34
 35 The CPT codebook defines therapeutic procedures as "A manner of effecting change
 36 through the application of clinical skills and/or services that attempt to improve function."
 37 Except for Group Therapy (97150) and Work Hardening/Conditioning (97545-6),
 38 therapeutic procedures require direct (one-on-one) patient contact by the Physical

1 Therapist, are timed therapies, and must be reported in units of 15-minute increments. Only
 2 the actual time that the Physical Therapist is directly working with the patient performing
 3 exercises/activities, instruction, or assessments is counted as treatment time. The time that
 4 the patient spends not being treated because of a need for rest or equipment set up is not
 5 considered treatment time. Any exercise/activity that does not require, or no longer
 6 requires, the skilled assessment and intervention of a health care practitioner is not
 7 considered a medically necessary therapeutic procedure. Exercises often can be taught to
 8 the patient or a caregiver as part of a home/self-care program. Examples of therapeutic
 9 procedures that require the Physical Therapist to have direct (one-on-one) patient contact
 10 include:

- 11 • therapeutic exercises
- 12 • neuromuscular reeducation
- 13 • gait training
- 14 • manual therapy (e.g., soft tissue mobilization)
- 15 • therapeutic activities
- 16 • sensory integrative techniques
- 17 • wheelchair training

19 **Documentation Requirements to Substantiate Medical Necessity of Therapeutic** 20 **Modalities and Procedures**

21 Proper and sufficient documentation is essential to establish the clinical necessity and
 22 effectiveness of each modality and procedure, aid in the determination of patient outcomes
 23 management, and support continuity of patient care. At a minimum, documentation is
 24 required for every treatment day and for each therapy performed. Each daily record should
 25 include: the date of service, the name of each modality and/or procedure performed, the
 26 parameters for each modality (e.g., amperage/voltage, location of pads/electrodes), area of
 27 treatment, total treatment time spent for each therapy (mandatory for timed services), the
 28 total treatment time for each date of service, and the identity of the person(s) providing the
 29 services. Failure to properly identify and sufficiently document the parameters for each
 30 therapy on a daily progress note may result in an adverse determination (partial approval
 31 or denial).

33 **6.1 Passive Care and Active Care**

34 Generally, passive modalities are used to manage the acute inflammatory response, pain,
 35 and/or muscle tightness or spasm in the early stages of musculoskeletal and related
 36 condition management. They are most effective during the acute phase of treatment. The
 37 use of passive modalities in the treatment of sub-acute or chronic conditions beyond the
 38 acute inflammatory response time frame is generally considered not medically necessary

1 unless there is an exacerbation. Passive modalities are rarely beneficial alone and are most
 2 effective when performed as part of a comprehensive treatment approach. Some
 3 improvement with the use of passive modalities should be seen within three visits. If
 4 passive therapy is not contributing to improvement, passive therapy should be
 5 discontinued, and other evidence supported interventions implemented. The use of passive
 6 modalities is generally considered not medically necessary unless they are preparatory and
 7 essential to the safe and effective delivery of other skilled treatment procedures (e.g.,
 8 therapeutic exercise training, etc.). Prolonged reliance on passive modalities is not
 9 supported by the clinical literature.

10 A “passive therapy” is a procedure applied by a clinical practitioner without active
 11 engagement of or movement by the patient (e.g., ultrasound, hot packs).

12
 13 The selection of a passive modality should be based on an understanding of the known
 14 physiologic effects of the modality, contraindications, the stage of injury and/or tissue
 15 healing, anatomical location to be treated, patient specific conditions and the likelihood of
 16 the therapy to enhance recovery or facilitate treatment with manual and active therapeutic
 17 procedures. Use of more than two (2) modalities on each visit date is unusual and should
 18 be justified in the documentation.

19
 20 Transition from passive physiotherapy modalities to active treatment procedures should be
 21 timely and evidenced in the medical record, including instructions on self/home care.
 22 Active therapeutic procedures are typically started as swelling, pain, and inflammation are
 23 reduced. Active care elements include increasing range of motion, strengthening primary
 24 and secondary stabilizers of a given region, and increasing the endurance capability of the
 25 muscles. Care focuses on active participation of the patient in their exercise program. Gait
 26 training, muscle strengthening, and progressive resistive exercises are considered active
 27 procedures. Patients should progress from active procedures requiring the supervision of a
 28 skilled practitioner to a self-directed home activity program as soon as possible.

30 **6.2 Treatment Interventions**

31 Below are descriptions and medical necessity criteria, as applicable, for different treatment
 32 interventions, including specific modalities and therapeutic procedures associated with
 33 physical therapy. This material is for informational purposes only and is not indicative of
 34 coverage, nor is it an exhaustive list of services provided.

36 **Hydrotherapy/Whirlpool/Hubbard Tank**

37 These modalities involve supervised use of agitated water in order to relieve muscle
 38 spasm, improve circulation, or cleanse wounds e.g., ulcers, skin conditions. Hydrotherapy
 39 may be considered medically necessary for pain relief, muscle relaxation and improvement

1 of movement for persons with musculoskeletal conditions or for wound care (cleansing
2 and debridement).

3
4 **Fluidotherapy®**

5 This modality is used specifically for acute and subacute conditions of the extremities.
6 Fluidotherapy® is a dry superficial thermal modality that transfers heat to soft tissues by
7 agitation of heated air and Cellux particles. The indications for this modality are similar to
8 paraffin baths and whirlpool and it is an acceptable alternative to other heat modalities for
9 reducing pain, edema, and muscle spasm from acute or subacute traumatic or non-traumatic
10 musculoskeletal disorders of the extremities, including complex regional pain syndrome
11 (CRPS). A benefit of Fluidotherapy® is that patients can perform active range of motion
12 (AROM) while undergoing treatment.

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1 **Vasopneumatic Devices**

2 These special devices apply pressure for swelling/edema reduction, either after an acute
 3 injury, following a surgical procedure, due to lymphedema, or due to pathology such as
 4 venous insufficiency. Education sessions for home use are considered medically necessary
 5 (up to two sessions). Cooling systems such as Game Ready® Systems, Cryocuff, Polar Care
 6 Wave or any similar cold compression system devices are not considered vasopneumatic
 7 devices and should not be billed as such.

8
 9 **Hot/Cold Packs**

10 Hot packs increase blood flow, relieve pain and increase flexibility. Cold packs decrease
 11 blood flow to an area for reduction of pain and swelling. They may be considered medically
 12 necessary for musculoskeletal conditions that include significant pain and or swelling.

13
 14 **Paraffin Bath**

15 This modality uses hot wax for application of heat. It is indicated for use to relieve pain
 16 and increase range of motion of extremities (typically wrists and hands) due to chronic
 17 joint problems post-injury, or post-surgical scenarios.

18
 19 **Mechanical Traction**

20 This device provides a mechanical pull on the spine (cervical or lumbar) to relieve pain,
 21 spasm, and nerve root compression. Mechanical traction may be considered medically
 22 necessary only when there is no improvement after the application of other evidence-based
 23 therapeutic procedures to significantly improve symptoms for 3 weeks; the patient has
 24 signs of nerve root compression or radiculopathy; it is used in combination with other
 25 evidence-based treatments including therapeutic exercise with extension movements.

26
 27 Axial Decompression Therapy (aka Decompression Therapy or Spinal Decompression
 28 Therapy) are considered experimental and not medically necessary.

29
 30 **Infrared Light Therapy**

31 Infrared light therapy is a form of heat therapy used to increase circulation to relieve muscle
 32 spasm. Other heating modalities are considered superior to infrared lamps and should be
 33 considered unless there is a contraindication to those other forms of heat. Utilization of the
 34 Infrared Light Therapy CPT code is not appropriate for low level laser treatment. This also
 35 does not refer to Anodyne Therapy System.

36
 37 **Electrical Stimulation**

38 Electrical stimulation is used in different variations to relieve pain, reduce swelling, heal
 39 wounds, and improve muscle function. Functional electric stimulation is considered

- 1 medically necessary for muscle re-education (to improve muscle contraction) in the earlier
- 2 phases of rehabilitation.

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1 **Iontophoresis**

2 Electric current used to transfer certain chemicals (medications) into body tissues. Use of
3 iontophoresis may be considered medically necessary for the treatment of inflammatory
4 conditions, such as plantar fasciitis and lateral epicondylitis.

6 **Contrast Baths**

7 This modality is the application of alternative hot and cold baths and is typically used to
8 treat extremities with subacute swelling or chronic regional pain syndrome (CRPS).
9 Contrast baths may be considered medically necessary to reduce hypersensitivity reduction
10 and swelling.

12 **Ultrasound**

13 This modality provides deep heating through high frequency sound wave application. Non-
14 thermal applications are also possible using the pulsed option. Ultrasound is commonly
15 used to treat many soft tissue conditions that require deep heating or micromassage to a
16 localized area to relieve pain and improve healing. Ultrasound may be considered
17 medically necessary to relieve pain and improve healing.

19 **Diathermy (e.g., shortwave)**

20 Shortwave diathermy utilizes high frequency magnetic and electrical current to provide
21 deep heating to larger joints and soft tissue, and may be considered medically necessary
22 for pain relief, increased circulation, and muscle spasm reduction. Microwave diathermy
23 presents an unacceptable risk profile and is considered not medically necessary.

25 **Therapeutic Exercises**

26 Therapeutic exercise includes instruction, feedback, and supervision of a person in an
27 exercise program specific to their condition. Therapeutic exercise may be considered
28 medically necessary to restore/develop strength, endurance, range of motion and flexibility
29 which has been lost or limited as a result of a disease or injury. Exercise performed by the
30 patient within a clinic facility or other location (e.g., home; gym) without a physician or
31 therapist present and supervising would be considered not medically necessary.

33 **Neuromuscular Reeducation (NMR)**

34 NMR generally refers to a treatment technique performed for the purpose of retraining the
35 connection of the brain and muscles, via the nervous system, the level of communication
36 required to improve movement, strength, balance, and function. The goal of NMR is to
37 develop conscious control of individual muscles and awareness of position of extremities.
38 The procedure may be considered medically necessary for impairments which affect the
39 neuromuscular system (e.g., poor static or dynamic sitting/standing balance, loss of gross

1 and fine motor coordination) that may result from musculoskeletal or neuromuscular
 2 disease or injury such as severe trauma to nervous system, post orthopedic surgery, cerebral
 3 vascular accident and systemic neurological disease. Example techniques may include
 4 proprioceptive neuromuscular facilitation (PNF), BAP’s boards, vestibular rehabilitation,
 5 and desensitization techniques. This does not include contract/relax or other soft tissue
 6 massage techniques. NMR is typically used as the precursor to Therapeutic Activities
 7 implementation.

9 **Aquatic Therapy**

10 Pool therapy (aquatic therapy) is provided individually, in a pool, to debilitated or
 11 neurologically impaired individuals. (The term is not intended to refer to relatively normal
 12 functioning individuals who exercise, swim laps or relax in a hot tub or Jacuzzi.) The goal
 13 is to develop and/or maintain muscle strength and range of motion by reducing forces of
 14 gravity through total or partial body immersion (except for head). Aquatic therapy may be
 15 considered medically necessary to develop and/or maintain muscle strength and range of
 16 motion when it is necessary to reduce the force of gravity through partial body immersion.

18 **Gait Training**

19 This procedure involves teaching individuals with neurological or musculoskeletal
 20 disorders how to ambulate given their disability or to ambulate with an assistive device.
 21 Assessment of muscle function and joint position during ambulation is considered a
 22 necessary component of this procedure, including direct visual observation and may
 23 include video, various measurements, and progressive training in ambulation and stairs.
 24 Gait training is considered medically necessary for training individuals whose walking
 25 abilities have been impaired by neurological, integumentary, muscular or skeletal
 26 abnormalities, surgery, or trauma. This also includes crutch/cane ambulation training and
 27 re-education.

29 **Therapeutic Massage**

30 Therapeutic Massage involves the application of fixed or movable pressure, holding and/or
 31 causing movement of or to the body, using primarily the hands and may be considered
 32 medically necessary when performed to restore muscle function, reduce edema, improve
 33 joint motion, or relieve muscle spasm caused by a specific condition or injury.

35 **Soft Tissue Mobilization**

36 Soft tissue mobilization techniques are more specific in nature and include, but are not
 37 limited to, myofascial release techniques, friction massage, and trigger point techniques.
 38 Specifically, myofascial release is a soft tissue manual technique that involves
 39 manipulation of the muscle, fascia, and skin. Skilled manual techniques (active and/or

1 passive) are applied to soft tissue to effect changes in the soft tissues, articular structures,
2 neural or vascular systems. Examples are facilitation of fluid exchange, restoration of
3 movement in acutely edematous muscles, or stretching of shortened connective tissue. This
4 procedure is considered medically necessary for treatment of pain and restricted motion of
5 soft tissues resulting in functional deficits.

6

7 **Joint Mobilization/Manipulation**

8 Joint mobilization and manipulation are utilized to reduce pain and increase joint mobility.
9 Most often mobilizations are indicated for extremity and spine conditions, while
10 manipulation may be more generally indicated for spinal conditions.

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1 **Therapeutic Activities**

2 Therapeutic activities or functional activities (e.g., bending, lifting, carrying, reaching,
3 pushing, pulling, stooping, catching and overhead activities may be considered medically
4 necessary) to improve function when there has been a loss or restriction of mobility,
5 strength, balance or coordination. These dynamic activities must be part of an active
6 treatment plan and directed at a specific outcome. This intervention may be considered
7 medically necessary after a patient has completed exercises focused on strengthening and
8 range of motion but needs to improve function-based activities.

10 **Activities of Daily Living (ADL) Training**

11 This procedure is considered medically necessary to enable the patient to perform essential
12 activities of daily living, instrumental activities of daily living, and self-care including
13 bathing, feeding, preparing meals, toileting, dressing, walking, making a bed, and
14 transferring from bed to chair, wheelchair or walker. Services provided concurrently by
15 physical therapists and occupational therapists may be considered medically necessary if
16 there are separate and distinct functional goals.

18 **Cognitive Skills Development**

19 This procedure is considered medically necessary for persons with acquired cognitive
20 deficits resulting from head trauma, or acute neurologic events including cerebrovascular
21 accident or pediatric developmental condition, or other situations. It is not appropriate for
22 persons without potential for improvement. Occupational/speech therapists with specific
23 training typically provide this care, however physical therapists can also provide this care
24 through a team approach. This procedure should be aimed at improving or restoring
25 specific functions which were impaired by an identified illness or injury.

27 **Orthotic Management and Training**

28 Orthotic management and training may be considered medically necessary when the
29 documentation specifically demonstrates that the specific knowledge, skills, and judgment
30 of a physical therapist are required to train the patient in the proper use of braces and/or
31 splints (orthotics). Many braces or splints do not require specific training by the physical
32 therapist in their use and can be safely procured and applied by the patient. Patients with
33 cognitive, dexterity, or other significant deficits may need specific training where other
34 patients do not.

36 **Prosthetic Training**

37 Prosthetic training may be considered medically necessary when the professional skills of
38 the practitioner are required to train the patient in the proper fitting and use of a prosthetic

1 (an artificial body part, such as a limb). Periodic return visits beyond the third month may
2 be necessary.

4 **Wheelchair Management Training**

5 This procedure is considered medically necessary only when it is part of an active treatment
6 plan directed at a specific goal. The member must have the capacity to learn from
7 instructions. Typically, three (3) sessions are adequate.

8 **Active Wound Care Management**

9 The CPT codebook defines active wound care procedures as those procedures "performed
10 to remove devitalized tissue and/or necrotic tissue and promote healing" (AMA, current
11 year). The practitioner is required to have direct one-on-one contact with the patient.
12 Examples of active wound care management include debridement of an open wound,
13 including topical application; use of whirlpool or other modalities; and negative pressure
14 wound therapy.

16 **Electromyography (EMG) and Nerve Conduction Velocity (NCV) Tests**

17 According to the CPT codebook "Needle electromyographic procedures include the
18 interpretation of electrical waveforms measured by equipment that produces both visible
19 and audible components of electrical signals recorded from the muscle(s) studied by the
20 needle electrode" (AMA, current year). For nerve conduction testing, "motor nerve
21 conduction study recordings must be made from electrodes placed directly over the motor
22 point of the specific muscle to be tested. Sensory nerve conduction study recordings must
23 be made from electrodes placed directly over the specific nerve to be tested." Waveforms
24 must be reviewed on site in real-time. Reports must be prepared on site by the examiner
25 and consist of the work product of the interpretation of numerous test results. EMG and
26 NCV testing is only covered if provided by a qualified health care professional or
27 physician. Physical therapists who are board certified by the APTA are considered
28 qualified health professionals. State licensure rules and regulations apply. For more
29 information, see the *Electrodiagnostic Testing (CPG 129 – S)* clinical practice guideline.

31 **Lymphedema Management**

32 For more information, see the *Lymphedema (CPG 157 – S)* clinical practice guideline.

34 **6.3 Precautions and Contraindications to Therapeutic Modalities and Procedures**

35 1. The use of thermotherapy is contraindicated for the following:

- 36 • Recent or potential hemorrhage
- 37 • Thrombophlebitis
- 38 • Impaired sensation
- 39 • Impaired mentation

- 1 • Malignant tumor
- 2 • IR irradiation of the eyes

3

4 Precautions for use of thermotherapy include:

- 5 • Acute injury or inflammation
- 6 • Pregnancy
- 7 • Impaired circulation
- 8 • Poor thermal regulation
- 9 • Edema
- 10 • Cardiac insufficiency
- 11 • Metal in the area
- 12 • Over an open wound
- 13 • Over areas where topical counterirritants have recently been applied
- 14 • Demyelinated nerve

15

16 2. The use of cryotherapy is contraindicated for the following:

- 17 • Cold hypersensitivity
- 18 • Cold intolerance
- 19 • Cryoglobulinemia
- 20 • Paroxysmal cold hemoglobinuria
- 21 • Raynaud disease or phenomenon
- 22 • Over regenerating peripheral nerves
- 23 • Over an area with circulatory compromise or peripheral vascular disease

24

25 Precautions for cryotherapy include:

- 26 • Over the superficial branch of a nerve
- 27 • Over an open wound
- 28 • Hypertension
- 29 • Poor sensation or mentation

30

31 3. The use of immersion hydrotherapy is contraindicated for the following:

- 32 • Cardiac instability
- 33 • Confusion or impaired cognition
- 34 • Maceration around a wound
- 35 • Bleeding
- 36 • Infection in the area to be immersed
- 37 • Bowel incontinence

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- 1 • Severe epilepsy
- 2 • Suicidal patients

3

4 Precautions for full body immersion in hot or very warm water include:

- 5 • Pregnancy
- 6 • Multiple Sclerosis
- 7 • Poor thermal regulation

8

9 4. Contraindications for Traction include:

- 10 • Where motion is contraindicated
- 11 • Acute injury or inflammation
- 12 • Joint hypermobility or instability
- 13 • Peripheralization of symptoms with traction
- 14 • Uncontrolled hypertension

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1 Precautions for Traction include:

- 2 • Structural diseases or conditions affecting the tissues in the area to be treated (e.g.,
- 3 tumor, infection, osteoporosis, RA, prolonged systemic steroid use, local radiation
- 4 therapy)
- 5 • When pressure of the belts may be hazardous (e.g., with pregnancy, hiatal hernia,
- 6 vascular compromise, osteoporosis)
- 7 • Displaced annular fragment
- 8 • Medial disc protrusion
- 9 • When severe pain fully resolves with traction
- 10 • Claustrophobia or other psychological aversion to traction
- 11 • Inability to tolerate prone or supine position
- 12 • Disorientation

13
14 Additional precautions for cervical traction:

- 15 • TMJ problems
- 16 • Dentures

17
18 5. The use of thermal shortwave diathermy (SWD) is contraindicated for the following

- 19 • Any metal in the treatment area or on/in the body.
- 20 • Malignancy
- 21 • Eyes
- 22 • Testes
- 23 • Growing epiphyses

24
25 Contraindications for all forms of SWD:

- 26 • Implanted or transcutaneous neural stimulators including cardiac pacemakers
- 27 • Pregnancy

28
29 Precautions for all forms of SWD:

- 30 • Near electronic or magnetic equipment
- 31 • Obesity
- 32 • Copper-bearing intrauterine contraceptive devices

33

1 6. Contraindications for use of Electrical Currents:

- 2 • Demand pacemakers, implantable defibrillator, or unstable arrhythmia
 3 • Placement of electrodes over carotid sinus
 4 • Areas where venous or arterial thrombosis or thrombophlebitis is present
 5 • Pregnancy – over or around the abdomen or low back

6
 7 Precautions for electrical current use:

- 8 • Cardiac disease
 9 • Impaired mentation
 10 • Impaired sensation
 11 • Malignant tumors
 12 • Areas of skin irritation or open wounds

13
 14 7. Contraindications to the use of ultrasound include:

- 15 • Malignant tumor
 16 • Pregnancy
 17 • Central Nervous Tissue
 18 • Joint cement
 19 • Plastic components
 20 • Pacemaker or implantable cardiac rhythm device
 21 • Thrombophlebitis
 22 • Eyes
 23 • Reproductive organs

24
 25 Precautions for Ultrasound include:

- 26 • Acute inflammation
 27 • Epiphyseal plates
 28 • Fractures
 29 • Breast implants

30
 31 The use of electrical muscle stimulation, SWD, thermotherapy, cryotherapy, ultrasound,
 32 laser/light therapy, immersion hydrotherapy, and mechanical traction with pediatric
 33 patients is contraindicated if the patient cannot provide the proper feedback necessary for
 34 safe application.

35
 36 In addition to the contraindications listed above, there are a wide range of services which
 37 are considered unproven, pose a significant health and safety risk, are scientifically

1 implausible and/or are not widely supported as evidence based. Such services would be
2 considered not medically necessary and include, but are not limited to:

- 3 • Axial/Spinal decompression
- 4 • Dry needling
- 5 • Laser therapy
- 6 • Manual muscle testing to diagnosis non-neuromusculoskeletal conditions
- 7 • Microcurrent Electrical Nerve Stimulation (MENS)
- 8 • Other unproven procedures (see the *Techniques and Procedures Not Widely*
9 *Supported as Evidence-Based (CPG 133 – S)* clinical practice guideline for
10 complete list)

11 12 **7. CLINICAL DOCUMENTATION**

13 Medical record keeping is an essential component of patient evaluation and management.
14 Medical records should be legible and should contain, at a minimum sufficient information
15 to identify the patient, support the diagnosis, justify the treatment, accurately document the
16 results, indicate advice and cautionary warnings provided to the patient and provide
17 sufficient information for another practitioner to assume continuity of the patient’s care at
18 any point in the course of treatment. Good medical record keeping improves the likelihood
19 of a positive outcome and reduces the risk of treatment errors. It also provides a resource
20 to review cases for opportunities to improve care, provides evidence for legal records, and
21 offers necessary information for third parties who need to review and understand the
22 rationale and type of services rendered (e.g., medical billers and auditors/reviewers.)

23
24 Outcome measures are important in determining effectiveness of a patient’s care. The use
25 of standardized tests and measures early in an episode of care establishes the baseline status
26 of the patient, providing a means to quantify change in the patient's functioning. Outcome
27 measures provide information about whether predicted outcomes are being realized. When
28 comparison of follow-up with baseline outcome metrics does not demonstrate minimal
29 clinically important difference (MCID) (minimal amount of change in a score of a valid
30 outcome assessment tool), the treatment plan should be changed or be discontinued. Failure
31 to use Functional Outcome Measures (FOMs) / Outcome Assessment Tools (OATs) may
32 result in insufficient documentation of patient progress and may result in an adverse
33 determination (partial approval or denial) of continued care.

34 35 **7.1 Evaluation and Re-evaluations**

36 The initial evaluation is usually completed in a single session. The initial evaluation should
37 document the necessity of a course of therapy through objective findings and subjective
38 patient/caregiver self-reporting. Initial evaluations are completed to determine the medical

1 necessity of initiating rehabilitative therapy or skilled instruction in maintenance activities
 2 that the patient and/or caregiver can perform at home. The physical therapist performs an
 3 initial examination and evaluation to establish a physical therapy diagnosis, prognosis, and
 4 plan of care prior to intervention. Determination of referral to another health care
 5 practitioner is also an essential part of an initial evaluation. An initial evaluation for a new
 6 condition by a Physical Therapist is defined as the evaluation of a patient:

- 7 • For whom this is the first encounter with the practitioner or practitioner group;
- 8 • Who presents with:
 - 9 ○ A new injury or new condition; or
 - 10 ○ The same or similar complaint after discharge from previous care.
- 11 • Choice of code is dependent upon the level of complexity.

12
 13 The evaluation codes reflect three (3) levels of patient presentation: low-complexity,
 14 moderate-complexity, and high-complexity. Four components are used to select the
 15 appropriate PT evaluation CPT code. These include:

- 16 1. Patient history and comorbidities;
- 17 2. Examination and the use of standardized tests and measures;
- 18 3. Clinical presentation;
- 19 4. Clinical decision making.

20
 21 Relevant CPT Codes: CPT 97161, 97162, and 97163 – Physical Therapy evaluation

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1 The physical therapist evaluation:

- 2 • Is documented, dated, and appropriately authenticated by the physical therapist who
- 3 performed it.
- 4 • Identifies the physical therapy needs of the patient.
- 5 • Incorporates appropriate tests and measures to facilitate outcome measurement.
- 6 • Produces data that are sufficient to allow evaluation, diagnosis, prognosis, and the
- 7 establishment of a plan of care.

8
9 The physical therapist’s plan of care should be sufficient to determine the medical necessity
10 of treatment, including:

- 11 • The diagnosis along with the date of onset or exacerbation of the disorder/diagnosis.
- 12 • A reasonable estimate of when the goals will be reached.
- 13 • Long-term and short-term goals that are specific, quantitative and objective.
- 14 • Physical therapy evaluation pertinent findings.
- 15 • The frequency and duration of treatment.
- 16 • Rehabilitation or habilitation prognosis.
- 17 • The specific treatment techniques and/or exercises to be used in treatment.
- 18 • Signature of the patient's physical therapist.

19
20 Re-evaluations are distinct from therapy assessments. There are several routine
21 reassessments that are not considered re-evaluations. These include ongoing reassessments
22 that are part of each skilled treatment session, progress reports, and discharge summaries.
23 Re-evaluation provides additional objective information not included in documentation of
24 ongoing assessments, treatment or progress notes. Assessments are considered a routine
25 aspect of intervention and are not billed separately from the intervention. Continuous
26 assessment of the patient’s progress is a component of the ongoing therapy services and is
27 not payable as a re-evaluation.

28
29 Re-evaluation services are considered medically necessary when all of the following
30 conditions are met:

- 31 • Re-evaluation is not a recurring routine assessment of patient status;
- 32 • The documentation of the re-evaluation includes all of the following elements:
 - 33 ○ An evaluation of progress toward current goals;
 - 34 ○ Making a professional judgment about continued care;
 - 35 ○ Making a professional judgment about revising goals and/or treatment or
 - 36 terminating services.

37
38 **AND the following indication is documented:**

- An exacerbation or significant change in patient/client status or condition.

Relevant CPT Codes: CPT 97164 – Physical Therapy re-evaluation

In order to reflect that continued PT services are medically necessary, intermittent progress reports must demonstrate that the individual is making functional progress.

7.2 Treatment Sessions

A physical therapy intervention is the purposeful interaction of the physical therapist and/or physical therapist assistant with the patient and, when appropriate, with other individuals involved in patient care, using various physical therapy procedures and techniques to produce changes in the condition that are consistent with the diagnosis and prognosis. Physical therapy interventions consist of coordination, communication, and documentation; patient-related and family/caregiver instruction; and procedural interventions. Physical therapists aim to alleviate impairment and functional limitation by designing, implementing, and modifying therapeutic interventions. A physical therapy session can vary in duration; however, treatment sessions lasting more than one hour per day are infrequent in outpatient settings (payor medical or reimbursement coverage policy may limit unit or session duration per date of service). Treatment sessions for more than one hour per day may be medically appropriate but must be supported in the documented plan of care and based on a patient's medical condition. A physical therapy session may include:

- Evaluation or reevaluation
- Therapeutic exercise, including neuromuscular reeducation, strengthening, coordination, and balance;
- Functional training in self-care and home management including activities of daily living (ADL) and instrumental activities of daily living (IADL);
- Functional training in and modification of environments (e.g., home, work, school, or community), including body mechanics and ergonomics;
- Manual therapy techniques, including soft tissue mobilization, joint mobilization, and manual lymphatic drainage;
- Assessment, design, fabrication, application, fitting, and training in assistive technology, adaptive devices, and orthotic devices;
- Training in the use of prosthetic devices;
- Integumentary and wound care and protection techniques;
- Electrotherapeutic modalities;
- Physical agents and mechanical modalities;
- Community functional reintegration;

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- 1 • Training of the patient, caregivers, and family/parents in home exercise and activity
- 2 programs;
- 3 • Skilled reassessment of the individual's problems, plan, and goals as part of the
- 4 treatment session.

5
6 Documentation of each treatment session should include at a minimum:

- 7 • Date of treatment;
- 8 • Subjective complaints and current status (including functional deficits and ADL
- 9 restrictions);
- 10 • Description/name of each specific treatment intervention provided that match the
- 11 CPT codes billed, including;
 - 12 ○ Treatment time for each modality or procedure performed
 - 13 ○ Parameters of any modality or procedure, (e.g., voltage/amperage,
 - 14 pad/electrode placement, area of treatment, types of exercises/activities, and
 - 15 intended goal of each therapy)
- 16 • The patient's response to each service and to the entire treatment session;
- 17 • Any progress toward the goals in objective, measurable terms using consistent and
- 18 comparable methods;
- 19 • Any changes to the plan of care;
- 20 • Recommendations for follow-up visit(s);
- 21 • Signature/electronic identifier, name and credentials of the treating clinician.

22 23 **7.3 Discharge/Discontinuation of Intervention**

24 The physical therapist discharges the patient from physical therapy services when the

25 anticipated goals or expected outcomes for the patient have been achieved. The physical

26 therapist discontinues intervention when the patient is unable to continue to progress

27 toward goals or when the physical therapist determines that the patient will no longer

28 benefit from physical therapy.

29
30 The physical therapy discharge documentation includes:

- 31 • The status of the patient at discharge and the goals and outcomes attained.
- 32 • Appropriate date and authentication by the physical therapist who performed the
- 33 discharge.
- 34 • When a patient is discharged prior to attainment of goals and outcomes, the status
- 35 of the patient and the rationale for discontinuation.
- 36 • Initial, subsequent, and final FOMs scores.
- 37 • Proposed self-care recommendations, if applicable.
- 38 • Referrals to other health care practitioners/referring physicians, as appropriate.

- If the patient self- discharges, documentation of final status and if known, the reason for discontinuation of services.

7.4 Duplicated / Insufficient Information

(1) Entries in the medical record should be contemporaneous, individualized, appropriately comprehensive, and made in a chronological, systematic, and organized manner. Duplicated/nearly duplicated medical records (a.k.a. cloned records) are not acceptable. It is not clinically reasonable or physiologically feasible that a patient’s condition will be identical on multiple encounters. (Should the finding be identical for encounters, it would be expected that treatment would end because patient is not making progress toward current goals.)

This includes, but is not limited to:

- duplication of information from one treatment session to another (for the same or different patient[s]);
- duplication of information from one evaluation to another (for the same or different patient[s]).

Duplicated medical records do not meet professional standards of medical record keeping and may result in an adverse determination (partial approval or denial) of those services.

(2) The use of a system of record keeping that does not provide sufficient information (e.g., checking boxes, circling items from lists, arrows, travel cards with only dates of visit and listings). These types of medical record keeping may result in an adverse determination (partial approval or denial) of those services.

Effective and appropriate record keeping that meets professional standards of medical record keeping document with adequate detail a proper assessment of the patient’s status, the nature and severity of his/her complaint(s) or condition(s), and/or other relevant clinical information (e.g., history, parameters of each therapy performed, objective findings, progress towards treatment goals, response to care, prognosis).

7.5 Centers for Medicare and Medicaid Services (CMS)

For Medicare and Medicaid services, medical records keeping must follow and be in accordance with Medicare and any additional state Medicaid required documentation guidelines.

8. CLINICAL REVIEW PROCESS

Medical necessity evaluations require approaching the clinical data and scientific evidence from a global perspective and synthesizing the various elements into a congruent picture

1 of the patient’s condition and need for skilled treatment intervention. Clinical review
 2 decisions made by the CQEs are based upon the information provided by the treating
 3 practitioner in the submitted documentation and other related findings and information.
 4 Failure to appropriately document pertinent clinical information may result in adverse
 5 determinations (partial approval or denial) of those services. Therefore, thorough
 6 documentation of all clinical information that established the diagnosis/diagnoses and
 7 supports the intended treatment is essential

8 **8.1 Definition of Key Terminology used in Clinical Reviews**

11 **Elective/Convenience Services**

12 Examples of elective/convenience services include: (a) preventive services; (b) wellness
 13 services; (c) services not necessary to return the patient to pre-illness/pre-injury functional
 14 status and level of activity; (d) services provided after the patient has reached MTB.
 15 (Elective/convenience services may not be covered through specific client or ASH
 16 benefits.)

18 **Minimal Clinically Important Difference (MCID)**

19 The MCID is the minimal amount of change in a score of a valid outcome assessment tool
 20 that indicates an actual improvement in the patient’s function or pain. Actual significance
 21 of outcome assessment tool findings requires correlation with the overall clinical
 22 presentation, including updated subjective and objective examination/evaluation findings.

1 **Maximum Therapeutic Benefit (MTB)**

2 MTB is the patient’s health status when the application of skilled therapeutic services has
 3 achieved its full potential (which may or may not be the complete resolution of the patient’s
 4 condition.) At the point of MTB, continuation of the same or similar skilled treatment
 5 approach will not significantly improve the patient’s impairments and function during this
 6 episode of care.

7
 8 If the patient continues to have significant complaints, impairments, and documented
 9 functional limitations, one should consider the following:

- 10 • Altering the treatment regimen such as utilizing a different physiological approach
 11 to the treatment of the condition, or decreasing the use of passive care (modalities,
 12 massage etc.) and increasing the active care (therapeutic exercise) aspects of
 13 treatment to attain greater functional gains;
- 14 • Reviewing self-management program including home exercise programs; and/or
- 15 • Referring the patient for consultation by another health care practitioner for
 16 possible co-management or a different therapeutic approach.

17 **Preventive Services**

18 Preventive services are designed to reduce the incidence or prevalence of illness,
 19 impairment, and risk factors, and to promote optimal health, wellness, and function. These
 20 services are not designed or performed to treat or manage a specific health condition.
 21 (Preventive services may or may not be covered under specific clients or through ASH
 22 benefits.)
 23

24 **Acute**

25 The stage of an injury, illness, or disease, in which the presence of clinical signs and
 26 symptoms is less than six weeks in duration, typically characterized by the presence of one
 27 or more signs of inflammation or other adaptive response.
 28

29 **Sub-Acute**

30 The stage of an injury, illness, or disease, in which the presence of clinical signs and
 31 symptoms is greater than six weeks, but not greater than twelve weeks in duration.
 32

33 **Chronic**

34 The stage of an injury, illness, or disease, in which the presence of clinical signs and
 35 symptoms is greater than twelve weeks in duration.
 36

37 **Red Flag(s)**

1 Signs and symptoms presented through history or examination/assessment that warrant
 2 more detailed and immediate medical assessment and/or intervention.

4 **Yellow Flag(s)**

5 Adverse prognostic indicators with a psychosocial predominance associated with chronic
 6 pain and disability. Yellow flags signal the potential need for more intensive and complex
 7 treatment and/or earlier specialist referral.

8 **Co-Morbid Condition(s)**

9 The presence of a concomitant condition, that has an unrelated pathology or disease
 10 process, but may inhibit, lengthen, or alter in some way the expected response to care.

12 **8.2 Clinical Quality Evaluation**

13 The goal of the CQEs during the review and decision-making process is to approve, as
 14 appropriate, those clinical services necessary to return the patient to pre-clinical/pre-
 15 morbid health status or stabilize a chronic condition, as supported by the documentation
 16 presented. The CQE is to evaluate if the documentation and other clinical information
 17 presented by the treating provider has appropriately substantiated the patient’s condition
 18 and appropriately justifies the treatment plan that is presented.

20 **Approval**

21 ASH CQEs have the responsibility to approve appropriate care for all services that are
 22 medically necessary. The CQEs assess the clinical data supplied by the practitioner in order
 23 to determine whether submitted services and/or the initiation or continuation of care has
 24 been documented as medically necessary. The practitioner is accountable to document the
 25 medical necessity of all services submitted/provided. It is the responsibility of the peer
 26 CQE to evaluate the documentation in accordance with their training, understanding of
 27 practice parameters, and review criteria adopted by ASH through its clinical committees.

29 The following items influence clinical service approvals:

- 30 • No evidence of contraindication(s) to services submitted for review;
- 31 • Complaints, exam findings, and diagnoses correlate with each other;
- 32 • Treatment Plan is supported by the nature and severity of complaints;
- 33 • Treatment Plan is supported by exam findings;
- 34 • Treatment Plan is expected to improve symptoms (e.g., pain, function) within a
 35 reasonable period of time;
- 36 • Maximum therapeutic benefit has not been reached;
- 37 • Treatment Plan requires the skills of the provider; and
- 38 • Demonstration of progression toward active home/self-care and discharge.

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Partial Approval

Occurs when only a portion of the submitted services are determined to be medically necessary services. The partial approval may refer to a decrease in treatment frequency, treatment duration, number of Durable Medical Equipment (DME)/supplies/appliances, number of therapies, or other services from the original amount/length submitted for review. This decision may be due to any number of reasons, such as:

- the practitioner’s documentation of the history and exam findings are inconsistent with the clinical conclusion(s)
- the treatment dosage (frequency/duration) submitted for review is not supported by the underlying diagnostic or clinical features
- the need to initiate only a limited episode of care in order to monitor the patient’s response to care

Additional services may be submitted and reviewed for evaluation of the patient’s response to the initial trial of care. If the practitioner or patient disagrees with the partial approval of services, they contact the CQE listed on their response form to discuss the case, submit additional documentation through the Reopen process, or submit additional documentation to appeal the decision through the Provider Appeals and Member Grievances process.

Non-approval / Denial

Occurs when none of the services submitted for review are determined to be medically necessary services. The most common causes for a non-approval/denial of all services are administrative or contractual in nature (e.g., ineligibility, reached plan benefit limits, non-coverage). Clinically, it is appropriate to deny continued/ongoing care if the patient’s condition(s) are not, or are no longer, responding favorably to the services being rendered by the treating practitioner, or the patient has reached maximum therapeutic benefit.

Additional / Continued Care

Approval of additional treatment/services requires submission of additional information, including the patient’s response to care and updated clinical findings. In cases where an additional course of care is submitted, the decision to approve additional services will be based upon the following criteria:

- The patient has made clinically significant progress under the initial treatment plan/program based on a reliable and valid outcome tool or updated subjective and objective examination findings.
- Additional clinically significant progress can be reasonably expected by continued treatment (The patient has not reached MTB or maximum medical improvement).

- There is no indication that immediate care/evaluation is required by other health care professionals.

Any exacerbation or flare-up of the condition that contributes to the need for additional treatment/services must be clearly documented.

Ancillary diagnostic procedures should be selected based on clinical history and examination findings that suggest the necessity to rule out underlying pathology or to confirm a diagnosis that cannot be verified through less invasive methods.

- Information is expected to directly impact the treatment/services and course of care.
- The benefit of the procedure outweighs the risk to the patient’s health (short and long term).
- The procedure is sensitive and specific for the condition being evaluated (e.g., an appropriate procedure is utilized to evaluate for pathology).

The clinical information that the CQE expects to see when evaluating the documentation in support of the medical necessity of submitted treatment/services should be commensurate with the nature and severity of the presenting complaint(s) and scope of the practitioner of services and may include but is not limited to:

- History
- Physical Examination/Evaluation
- Documented Treatment Plan and Goals
- Estimated time of Discharge

In general, the initiation of care is warranted if there are no contraindications to prescribed care, there is reasonable evidence to suggest the efficacy of the prescribed intervention, and the intervention is within the scope of services permitted by State or Federal law. The treatment submission for a disorder is typically structured in time-limited increments depending on clinical presentation. Dosage (frequency and duration of service) should be appropriately correlated with clinical findings, potential complications/barriers to recovery and clinical evidence. When the practitioner discovers that a patient is nonresponsive to the applied interventions within a reasonable time frame, re-assessment and treatment modification should be implemented and documented. If the patient’s condition(s) worsen, the practitioner should take immediate and appropriate action to discontinue or modify care and/or make an appropriate healthcare referral.

Services that do not require the professional skills of a practitioner to perform or supervise are not medically necessary. If a patient’s recovery can proceed safely and effectively

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1 through a home exercise program or self-management program, services are not indicated
2 or medically necessary.

3 **8.3 Critical Factors during Clinical Reviews**

4 The complexity and/or severity of historical factors, symptoms, examination findings, and
5 functional deficits play an essential role to help quantify the patient’s clinical status and
6 assess the effectiveness of planned interventions over time. CQEs consider patient-specific
7 variables as part of the medical necessity verification process. The entire clinical picture
8 must be taken into consideration with each case evaluated based upon unique patient and
9 condition characteristics.

10
11
12 Such variables may include, but not be limited to co-morbid conditions and other barriers
13 to recovery, the stage(s) of the condition(s), mechanism of injury, severity of the
14 symptoms, functional deficits, and exam findings, as well as social and psychological status
15 of the patient and the available support systems for self-care. In addition, the patient’s age,
16 symptom severity, and the extent of positive clinical findings may influence duration,
17 intensity, and frequency of services approved as medically necessary. For example:

- 18 • Severe symptomatology, exam findings, and/or functional deficits may require
19 more care overall (e.g., longer duration, more services per encounter, and frequency
20 of encounters that the average); these patients require a higher frequency; but may
21 require short-term trials of care initially to assess patient response to care.
- 22 • Less severe symptomatology, exam findings and/or functional deficits usually
23 require less care (e.g., shorter duration, fewer services per encounter, and frequency
24 of encounters that the average); overall but may allow for less oversight and a
25 longer initial trial of care.
- 26 • As patients age, they may have a slower response to care, and this may affect the
27 approval of a trial of care.
- 28 • Because pediatric patients (under the age of 12) have not reached musculo-skeletal
29 maturity, it may be necessary to modify the types of therapies approved as well as
30 shorten the initial trial of care.
- 31 • Complicating and/or co-morbid condition factors vary depending upon individual
32 patient characteristics, the nature of the condition/complaints, historical and
33 examination elements, and may require appropriate coordination of care and/or
34 more timely re-evaluation.

35
36 The following are examples of the factors CQEs consider when verifying the medical
37 necessity of rehabilitative services for musculoskeletal conditions and pain disorders.

1 **8.3.1 General Factors**

2 Multiple patient-specific historical and clinical findings may influence clinical decisions,
3 such as but not limited to:

- 4 • Red Flags
- 5 • Yellow Flags (Psychosocial Factors)
- 6 • Co-morbid conditions (e.g., diabetes, inflammatory conditions, joint instability)
- 7 • Age (older or younger)
- 8 • Non-compliance with treatment and/or self-care recommendations
- 9 • Lack of response to appropriate care
- 10 • Lifestyle factors (e.g., smoking, diet, stress, deconditioning)
- 11 • Work and recreational activities
- 12 • Pre-operative/post-operative care
- 13 • Medication use (type and compliance)

14 Nature of Complaint(s)

- 15 • Acute and severe symptoms
- 16 • Functional testing results that display severe disability/dysfunction
- 17 • Pain that radiates below the knee or elbow (for spinal conditions)

18 History

- 19 • Trauma resulting in significant injury or functional deficits.
- 20 • Pre-existing pathologies/surgery(ies)
- 21 • Congenital anomalies (e.g., severe scoliosis)
- 22 • Recurring exacerbations
- 23 • Prior episodes (e.g., >3 for spinal conditions)
- 24 • Multiple new conditions which introduce concerns regarding the cause of these
- 25 conditions

26 Examination

- 27 • Severe signs/findings
- 28 • Results from diagnostic testing that are likely to impact coordination of care and
- 29 response to care (e.g., fracture, joint instability, neurological deficits)

30 **Assessment of Red Flags**

31 At any time the patient is under care, the practitioner is responsible for seeking and
32 recognizing signs and symptoms that require additional diagnostics, treatment/service,
33 and/or referral. A careful and adequately comprehensive history and evaluation in addition

1 to ongoing monitoring during the course of treatment is necessary to discover potential
 2 serious underlying conditions that may need urgent attention. Red flags can present
 3 themselves at several points during the patient encounter and can appear in many different
 4 forms. If a red flag is identified during a medical necessity review, the CQE should
 5 communicate with the provider of services as soon as possible by telephone and/or through
 6 standardized communication methods. When red flag is identified, CQE may not approve
 7 services and recommend returning the patient back to the referring healthcare practitioner
 8 or referring the patient to other appropriate health care practitioner/specialist with the
 9 measure of urgency as warranted by the history and clinical findings.

10
 11 Due to the rarity of actual red flag diagnoses in clinical practice, it is emphasized that the
 12 practitioner does not need to perform expensive or invasive diagnostic procedures (e.g., x-
 13 ray, advanced imaging, laboratory studies) in the absence of suspicious clinical
 14 characteristics. Important red flags and events as well as the points during the clinical
 15 encounter at which they are likely to appear include but may not be limited to:

16
 17 **Past or Current History**

- 18 • Personal or family history of cancer.
- 19 • Current or recent urinary tract, respiratory tract, or other infection.
- 20 • Anticoagulant therapy or blood clotting disorder.
- 21 • Metabolic bone disorder (osteopenia and osteoporosis).
- 22 • Unintended weight loss.
- 23 • Unexplained dizziness or hearing loss.
- 24 • Trauma with skin penetration; and
- 25 • Immunosuppression (AIDS/ARC).

26
 27 **Present Complaint**

- 28 • Writhing or cramping pain.
- 29 • Precipitation by significant trauma.
- 30 • Pain that is worse at night or not relieved by any position.
- 31 • Suspicion of cerebrovascular compromise.
- 32 • Symptom’s indicative of progressive neurological disorder.

33
 34 **Physical Examination/Assessment**

- 35 • Inability to reproduce symptoms of musculoskeletal diagnosis or complaints.
- 36 • Pulsing abdominal mass.
- 37 • Fever, chills, or sweats without other obvious source.
- 38 • New or recent neurologic deficit (special senses, sensory, language, and motor).

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- 1 • Signs of carotid/vertebrobasilar insufficiency.
- 2 • Uncontrolled hypertension.
- 3 • Signs of nutritional deficiency.
- 4 • Signs of allergic reaction requiring immediate attention.
- 5 • Abuse/neglect.
- 6 • Psychological distress.

7

8 Pattern of Symptoms Not Consistent with Benign Disorder

- 9 • Chest tightness, difficulty breathing, chest pain.
- 10 • Headache of morbid proportion.
- 11 • Rapidly progressive neurological deficit.
- 12 • Significant, unexplained extremity weakness or clumsiness.
- 13 • Change in bladder or bowel function.
- 14 • New or worsening numbness or paresthesia.
- 15 • Saddle anesthesia.
- 16 • New or recent bilateral radiculopathy.

17

18 Lack of Response to Appropriate Care

- 19 • History of consultation/care from a series of practitioners or a variety of health care approaches without resolving the patient’s complaint.
- 20 • Unsatisfactory clinical progress, especially when compared to apparently similar cases or natural progression of the condition.
- 21 • Signs and symptoms that do not fit the normal pattern and are not resolving.

22

23 **Assessment of Yellow Flags**

24 When yellow flags are present, clinicians need to be vigilant for deviations from the normal course of illness and recovery. Examples of yellow flags include depressive symptoms, injuries still in litigation, signs, and symptoms not consistent with pain severity, and behaviors incongruent with underlying anatomic and physiologic principles.

25

26 If a yellow flag is identified during a medical necessity review, the reviewer should communicate with the provider of services as soon as possible by telephone and/or through standardized communication methods. CQE may recommend returning the patient back to the referring healthcare practitioner or referring the patient to other health care practitioner/specialist as appropriate.

27

28 **Assessment of Historical Information**

29

1 The following factors are assessed in review and determination if the services are medically
2 necessary:

- 3 • The mechanism of onset and date of onset are congruent with the stated condition’s
4 etiology.
- 5 • The patient’s past medical history and response to care do not pose
6 contraindication(s) for the services submitted for review.
- 7 • The patient’s past medical history of pertinent related and unrelated conditions does
8 not pose contraindication(s) for the services submitted for review.
- 9 • The patient’s complaint(s) have component(s) that are likely to respond favorably
10 to services submitted for review.
- 11 • Provocative and palliative factors identified on examination indicate the presence
12 of a musculoskeletal condition as expected per diagnosis(es) or complaints, or as
13 consistent with other type of diagnosis(es).
- 14 • The patient’s severity of limitations to activities of daily living (ADLs) are
15 appropriate and commensurate for the presence of the condition(s) or disorder(s).
- 16 • The quality, radiation, severity, and timing of pain are congruent with the
17 documented condition(s) or disorder(s).
- 18 • The patient’s past medical history of having the same or similar condition(s)
19 indicates a favorable response to care.
- 20 • The absence or presence of co-morbid condition(s) may or may not present absolute
21 or relative contraindications to care.

22 23 **Assessment of Examination Findings**

- 24 • The exam procedures, level of complexity, and components are appropriate for the
25 patient’s complaint(s) and historical findings.
- 26 • Objective palpatory, orthopedic, neurologic, and other physical examination
27 findings are current, clearly defined, qualified, and quantified, including the nature,
28 extent, severity, character, professional interpretation, and significance of the
29 finding(s) in relation to the patient’s complaint(s) and differential diagnosis(es).
- 30 • Exam findings provide evidence justifying the condition(s) is/are likely to respond
31 favorably to services submitted for review.
- 32 • Exam findings provide a reasonable and reliable basis for the stated diagnosis(es).
- 33 • Exam findings provide a reasonable and reliable basis for treatment planning;
34 accounting for variables such as age, sex, physical condition, occupational and
35 recreational activities, co-morbid conditions, etc.
- 36 • The patient’s progress is being appropriately monitored each visit (as noted within
37 daily chart notes and during periodic re-exams) to ensure that acceptable clinical
38 progress is realized.

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Assessment of Treatment / Treatment Planning

- Treatment dosage (frequency and duration of service) is appropriately correlated with the nature and severity of the subjective complaints, potential complications/barriers to recovery, and objective clinical evidence.
- Services that do not require the professional skills of a practitioner to perform or supervise are not medically necessary, even if they are performed or supervised by a Physical Therapist. Therefore, if the continuation of a patient’s care can proceed safely and effectively through a home exercise program or self-management program, services are not indicated or medically necessary.
- The use of passive modalities in the treatment of subacute or chronic conditions beyond the acute inflammatory response phase requires documentation of the anticipated benefit and condition-specific rationale in order to be considered medically necessary.
- The treatment plan includes the use of therapeutic procedures to address functional deficits and ADL restrictions.
- The set therapeutic goals are functionally oriented, realistic, measurable, and evidence based.
- The proposed date of release/discharge from treatment is clearly defined.
- The treatment/therapies are appropriately correlated with the nature and severity of the patient’s condition(s) and set treatment goals.
- Functional Outcome Measures (FOM) demonstrate minimal clinically important difference (MCID) from baseline results through periodic reevaluations during the course of care. This is important in order to determine the need for continued care, the appropriate frequency of visits, estimated date of release from care, and if a change in the treatment plan or a referral to an appropriate health care practitioners/specialist is indicated.
- Home care, self-care, and active-care instructions are documented.
- Durable Medical Equipment (DME), supplies, appliances, and supports are provided when medically necessary and appropriately correlated with clinical findings and clinical evidence.

Assessment of Diagnostic Imaging / Special Studies

- Laboratory tests are performed only when medically necessary to improve diagnostic accuracy and treatment planning. Abnormal values are professionally interpreted as they relate to the patient’s complaint(s) or to unrelated co-morbid conditions that may or may not impact the patient’s prognosis and proposed treatment.

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- 1 • X-ray procedures are performed only when medically necessary to improve
2 diagnostic accuracy and treatment planning. (Indicators from history and physical
3 examination indicating the need for x-ray procedures are described in the *X-Ray*
4 *Guidelines (CPG 1-S)* clinical practice guideline).
- 5 • Advanced imaging studies, when medically necessary and/or available, are
6 evaluated for structural integrity and to rule out osseous, related soft tissue
7 pathology, or other pathology.
- 8 • EMG and NCV studies, when medically necessary and/or available, are evaluated
9 for objective evidence of neural deficit. For more information, see the
10 *Electrodiagnostic Testing (CPG 129-S)* clinical practice guideline.
- 11 • Imaging or special studies' findings are appropriate given the nature and severity
12 of the patient's condition(s) and the findings obtained are likely to influence the
13 basis for the proposed treatment.

14 **8.3.2 Factors that Influence Adverse Determinations of Clinical Services (Partial** 15 **Approvals/Denials)**

16 Factors that influence adverse determinations of clinical services may include but are not
17 limited to these specific considerations and other guidelines and factors identified
18 elsewhere in this policy.: Topics/factors covered elsewhere in this guideline are also
19 applicable in this section and may result in an adverse determination on medical necessity
20 review. To avoid redundancy, many of those factors have not been listed below.

21 **Additional Factors Considered in Determination of Medical Necessity**

22 **History / Complaints / Patient Reported Outcome Measures**

- 23 • The patient's complaint(s) and/or symptom(s) are not clearly described
- 24 • There is poor correlation and/or a significant discrepancy between the complaint(s)
25 and/or symptom(s) as documented by the treating practitioner and as described by
26 the patient
- 27 • The patient's complaint(s) and/or symptom(s) have not demonstrated clinically
28 significant improvement
- 29 • The nature and severity of the patient's complaint(s) and/or symptom(s) are
30 insufficient to substantiate the medical necessity of any/all submitted services
- 31 • The patient has little or no pain as measured on a valid pain scale
- 32 • The patient has little or no functional deficits using a valid functional outcome
33 measure or as otherwise documented by the practitioner

34 **Evaluation Findings**

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- 1 • There is poor correlation and/or a significant discrepancy in any of the following:
 - 2 ○ patient’s history
 - 3 ○ subjective complaints
 - 4 ○ objective findings
 - 5 ○ diagnosis
 - 6 ○ treatment plan
- 7 • The application of various exam findings to diagnostic or treatment decisions are
 - 8 not clearly described or measured (e.g., severity, intensity, professional
 - 9 interpretation of results, significance)
- 10 • The patient’s objective findings have not demonstrated clinically significant
 - 11 improvement
- 12 • The objective findings are essentially normal or are insufficient to support the
 - 13 medical necessity of any/all submitted services
- 14 • The submitted objective findings are insufficient due to any of, but not limited to,
 - 15 the following reasons:
 - 16 ○ old or outdated relative to the requested dates of service
 - 17 ○ do not properly describe the patient’s current status
 - 18 ○ do not substantiate the medical necessity of the current treatment plan do
 - 19 not support the patient’s diagnosis/diagnoses do not correlate with the
 - 20 patient’s subjective complaint(s) and/or symptom(s)
- 21 • Not all of the patient’s presenting complaints were properly examined
- 22 • The patient does not have any demonstrable functional deficits or impairments
- 23 • The patient has not made reasonable progress toward pre-clinical status or
 - 24 functional outcomes under the initial treatment/services
- 25 • Clinically significant therapeutic progress is not evident through a review of the
 - 26 submitted records; this may indicate that the patient has reached maximum
 - 27 therapeutic benefit
- 28 • The patient is approaching or has reached maximum therapeutic benefit
- 29 • The patient’s exam findings have returned to pre-injury status or prior level of
 - 30 function
- 31 • There is inaccurate reporting of clinical findings
- 32 • The exam performed is for any of the following:
 - 33 ○ wellness
 - 34 ○ pre-employment
 - 35 ○ sports pre-participation
- 36 • The exam performed is non-standard and solely technique/protocol based

37 **Diagnosis**

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- 1 • The diagnosis is not supported by one or more of the following:
 - 2 ○ patient’s history (e.g., date/mechanism of onset)
 - 3 ○ subjective complaints (e.g., nature and severity, location)
 - 4 ○ objective findings (e.g., not clearly defined and/or quantified, not
 - 5 professionally interpreted, significance not noted)

7 Submitted Medical Records

- 8 • The submitted records are insufficient to reliably verify pertinent clinical
 - 9 information, such as (but not limited to):
 - 10 ○ patient’s clinical health status
 - 11 ○ the nature and severity of the patient’s complaint(s) and/or symptom(s)
 - 12 ○ date/mechanism of onset
 - 13 ○ objective findings
 - 14 ○ diagnosis/diagnoses
 - 15 ○ response to care
 - 16 ○ functional deficits/limitations
 - 17 • There are daily notes submitted for the same dates of service with different/altere
 - 18 findings without an explanation
 - 19 • There is evidence of duplicated or nearly duplicated records for the same patient
 - 20 for different dates of service, or for different patients
 - 21 • There is poor correlation and/or a significant discrepancy between the information
 - 22 presented in the submitted records with the information presented during a verbal
 - 23 communication between the reviewing CQE and treating practitioner
 - 24 • The treatment time (in minutes) and/or the number of units used in the performance
 - 25 of a timed service (e.g., modality, procedure) during each encounter/office visit was
 - 26 not documented
 - 27 • Some or all of the service(s) submitted for review are not documented as having
 - 28 been performed in the daily treatment notes

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1 **Treatment / Treatment Planning**

- 2 • The submitted records show that the nature and severity of the patient’s
- 3 complaint(s) and/or symptom(s) require a limited, short trial of care in order to
- 4 monitor the patient’s response to care and determine the efficacy of the current
- 5 treatment plan. This may include, but not limited to, any of the following:
- 6 ○ significant trauma affecting function
- 7 ○ acute/sub-acute stage of condition
- 8 ○ moderate-to-severe or severe subjective and objective findings
- 9 ○ possible neurological involvement
- 10 ○ presence of co-morbidities that may significantly affect the treatment plan
- 11 and/or the patient’s response to care
- 12 • There is poor correlation of the treatment plan with the nature and severity of the
- 13 patient’s complaint(s) and/or symptom(s), such as (but not limited to):
- 14 ○ use of acute care protocols for chronic condition(s)
- 15 ○ prolonged reliance on passive care
- 16 ○ active care and reduction of passive care are not included in the treatment
- 17 plan
- 18 ○ Inappropriate use of passive modalities in the plan of care
- 19 ○ use of passive modalities as stand-alone treatments (which is rarely
- 20 therapeutic) or as the sole treatment approach to the patient’s condition(s)
- 21 • There is evidence from the submitted records that the patient’s treatment can
- 22 proceed safely and effectively through a home exercise program or self-
- 23 management program
- 24 • The patient’s function has improved, complaints and symptoms have decreased,
- 25 and patient requires less treatment (e.g., lesser units of services per office visit,
- 26 lesser frequency, shorter total duration to discharge)
- 27 • The patient’s symptoms and/or exam findings are mild and the patient’s treatment
- 28 plan requires a lesser frequency (e.g., units of services, office visits per week)
- 29 and/or total duration
- 30 • Therapeutic goals have not been documented. Goals should be measurable and
- 31 written in terms of function and include specific parameters
- 32 • Therapeutic goals have not been reassessed in a timely manner to determine if the
- 33 patient is making expected progress
- 34 • Failure to make progress or respond to care as documented within subjective
- 35 complaints, objective findings and/or functional outcome measures
- 36 • The patient’s condition(s) is/are not amenable to the proposed treatment plan
- 37 • Additional significant improvement cannot be reasonably expected by continued
- 38 treatment and treatment must be changed or discontinued

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- 1 • The patient has had ongoing care without any documented lasting therapeutic
- 2 benefits
- 3 • The condition requires an appropriate referral and/or coordination with other
- 4 appropriate health care services
- 5 • The patient is not complying with the treatment plan that includes lifestyle changes
- 6 to help reduce frequency and intensity of symptoms
- 7 • The patient is not adhering to treatment plan that includes medically necessary
- 8 frequency and intensity of services
- 9 • The use of multiple passive modalities with the same or similar physiologic effects
- 10 to the identical region is considered redundant and not reasonable or medically
- 11 necessary
- 12 • Home care, self-care, and active-care instructions are not implemented or
- 13 documented in the submitted records
- 14 • Uncomplicated diagnoses do not require services beyond the initial treatment plan
- 15 before discharging the patient to active home/self-care
- 16 • As symptoms and clinical findings improve the frequency of services (e.g., visits
- 17 per week/month) did not decrease. The submitted services do not or no longer
- 18 require the professional skills of the treating practitioner. The treatment plan is for
- 19 any of the following:
 - 20 ○ preventive care
 - 21 ○ elective/convenience/wellness care
 - 22 ○ back school
 - 23 ○ vocational rehabilitation or return to work programs
 - 24 ○ work hardening programs
 - 25 ○ routine educational, training, conditioning, return to sport, or fitness.
 - 26 ○ non-covered condition
- 27 • There is duplication of services with other healthcare practitioners/specialties
- 28 • The treatment plan is not supported due to, but not limited to, any of the following
- 29 reasons:
 - 30 ○ technique-/protocol-based instead of individualized and evidence based
 - 31 ○ generic and not individualized for the patient’s specific needs
 - 32 ○ does not correlate with the set therapeutic goals
 - 33 ○ not supported in the clinical literature (e.g., proprietary, unproven)
 - 34 ○ not considered evidence-based and/or professionally accepted

35
36 The treatment plan includes services that are considered not evidence-based, not
37 widely accepted, unproven and/or not reasonable or medically necessary,
38 inappropriate or unrelated to the patient’s complaint(s) and/or diagnosis/diagnoses.

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1 (e.g., Low level laser therapy, axial/spinal decompression, select forms of EMS
 2 such as microcurrent, H-wave. Also see the *Techniques and Procedures Not Widely*
 3 *Supported as Evidence-Based (CPG 133 – S)* clinical practice guideline for
 4 complete list).

6 **Health and Safety**

- 7 • There are signs, symptoms and/or other pertinent information presented through the
 8 patient’s history, exam findings, and/or response to care that require urgent
 9 attention, further testing, and/or referral to and/or coordination with other
 10 healthcare practitioners/specialists
- 11 • There is evidence of the presence of Yellow and/or Red Flags (See section on Red
 12 and Yellow Flags above)
- 13 • There are historical, subjective, and/or objective findings which present as
 14 contraindications for the plan of care

15 **8.3.3 Referral / Coordination of Services**

16 When a potential health and safety issue is identified, the CQE must communicate with the
 17 provider of services as soon as possible by telephone and/or through standardized
 18 communication methods to recommend returning the patient back to the referring health
 19 care practitioner or referring the patient to other appropriate health care
 20 practitioner/specialist with the measure of urgency as warranted by the history and clinical
 21 findings.
 22 findings.

23
 24 Clinical factors that may require referral or coordination of services include, but not limited
 25 to:

- 26 • Symptoms worsening following treatment;
- 27 • Deteriorating condition (e.g., orthopedic or neurologic findings, function, etc.);
- 28 • Reoccurring exacerbations despite continued treatment;
- 29 • No progress despite treatment;
- 30 • Unexplained diagnostic findings (e.g., suspicion of fracture);
- 31 • Identification of Red Flags;
- 32 • Identification of co-morbid conditions that don’t appear to have been addressed
 33 previously that represent absolute contraindications to services;
- 34 • Constitutional signs and symptoms indicative of systemic condition (e.g.,
 35 unintended weight loss of greater than 4.5 kg/10 lbs. over 6-month period);
- 36 • Inability to provoke symptoms with standard exam;
- 37 • Treatment needed outside of scope of practice.

1 The Clinical Policy is reviewed and approved by the ASH Clinical Quality committees that
 2 are comprised of contracted network practitioners including practitioners of the same
 3 clinical discipline as the treating providers for whom compliance with the practices
 4 articulated in this this document is required. Guidelines are updated at least annually, or as
 5 new information is identified that result in material changes to one or more of these
 6 policies.

7 8 **9. LITERATURE REVIEW**

9 There are several guidelines, systematic reviews, meta-analyses, and randomized
 10 controlled trials (RCTs) published that examine physical therapy (a variety of
 11 interventions) for various conditions and note effectiveness of physical rehabilitation,
 12 exercise, education, manual therapies (e.g., mobilization, manipulation, soft tissue
 13 mobilization), and other various modalities (Qaseem et al., 2020; Bricca et al., 2020;
 14 Raghava Neelapala et al., 2020; Taylor et al., 2007; Chou et al., 2016; Qaseem et al., 2017;
 15 Byström et al., 2013; Macedo et al., 2016; Saragiotto et al., 2016; Steffens et al., 2016; van
 16 Middelkoop et al., 2011; Logerstedt et al., 2010; Logerstedt et al., 2017; Logerstedt et al.,
 17 2018; Cibulka et al., 2017; Hurwitz et al., 2009; Delitto et al., 2012; Blanpied et al., 2017;
 18 BiDonde et al., 2019; Pollock et al., 2014; Yousefi-Nooraie et al., 2008; Chou et al., 2020;
 19 Skelly et al., 2018; Skelly et al., 2020; Jacobi et al., 2021; Mertens et al., 2022; Núñez-
 20 Cabaleiro et al., 2022; Schenk et al., 2022; Huang et al., 2022). Passive modalities, such as
 21 ultrasound, electric stimulation, traction, laser, and hot and cold packs, are often used in
 22 combination with manual therapies and exercise despite insufficient and/or inconclusive
 23 evidence for many conditions. Often methodologic flaws and heterogeneity of studies
 24 result in an inability to draw confirmatory conclusions.

25
 26 **Massage Therapy:** Few clinical trials have been undertaken to assess the effect of this
 27 modality alone in the treatment of specific medical conditions. Rehabilitation programs
 28 frequently combine massage therapy with one or more other treatment interventions. While
 29 there is scant literature regarding the efficacy of this treatment when used as the sole
 30 modality, massage therapy has been a part of physical therapy or chiropractic treatment
 31 plans for the management of musculoskeletal pain. As an example, for mechanical low
 32 back pain, the greatest effects of massage therapy are seen in short term relief of pain. The
 33 effects on function were less clear. These therapeutic effects tend to diminish in the longer
 34 term (Chou et al., 2016). Massage therapy was also noted as an effective treatment of acute
 35 post-operative pain (Chou et al., 2020) and chronic low back pain in the intermediate term
 36 (Skelly et al., 2018). Slight functional improvements were noted in the intermediate term
 37 for fibromyalgia using myofascial release massage (Skelly et al., 2018; Kundakci et al.,
 38 2022).

39

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1 **9.1 Physical Therapy for Conditions Considered Unproven**

2 **Sexual Dysfunction (unrelated to musculoskeletal or orthopedic condition)**

3 Female sexual dysfunction conditions can be classified as sexual desire disorders, sexual
4 arousal disorder, orgasmic disorder, or sexual pain disorders. Hypoactive sexual desire
5 disorder and sexual aversion disorder comprise the sexual desire disorders. ACOG (2019)
6 published a clinical management guideline on female sexual dysfunction. Conditions
7 included in this guideline include sexual desire disorders (e.g., hypoactive sexual desire
8 disorder and sexual aversion disorder), female sexual arousal disorder, female orgasmic
9 disorder, and sexual pain disorders with no muscular involvement (e.g., dyspareunia,
10 vaginismus). Physical therapy is not included in the recommendations in this guideline.

11 The European Urological Association published guidelines on male sexual dysfunction,
12 including erectile dysfunction and premature ejaculation. Physical therapy is not included
13 in the guidelines as a treatment for these conditions (Hatzimouratidis, et al., 2015).

14
15 **Scoliosis**

16 Scoliosis, lateral curvature of the spine, is a structural alteration that occurs in a variety of
17 conditions. Progression of the curvature during periods of rapid growth can result in
18 significant deformity, which may be accompanied by cardiopulmonary compromise
19 (Schreiber et al., 2019; Scherl, 2016). Options for treatment of scoliosis include
20 observation, bracing, and surgery. Evidence is insufficient to demonstrate effectiveness of
21 physical therapy (scoliosis-specific exercises, (including the Schroth Method), chiropractic
22 treatment, electrical stimulation, or biofeedback to correct, improve or prevent further
23 curvature (Seleviciene et al., 2022; Santos et al., 2022; Fan et al., 2020; Schreiber et al.,
24 2019; Scherl, 2016; National Institutes of Health [NIH]/National Institute of Arthritis and
25 Musculoskeletal and Skin Disease [NIAMS], 2019; American Academy of Orthopedic
26 Surgeons [AAOS], 2019; Mehlman, 2020; Romano, et al., 2012).

27
28 Evidence is insufficient to demonstrate effectiveness of this treatment method to correct,
29 improve or prevent further curvature.

30
31 **9.2 Specific Physical Therapy Treatments Considered Unproven**

32 **Constraint-Induced Movement Therapy (CIMT)**

33 Constraint-induced movement therapy (CIMT) is a multi-faceted intervention that has been
34 proposed for neurological conditions that involve hemiparesis. CIMT is also referred to as
35 constraint-induced therapy or forced use therapy and is primarily provided by physical
36 therapists and occupational therapists. Several variations exist based on method and length
37 of restraint, and type and duration of therapy (e.g., environment and provider). The therapy
38 involves constraining the unaffected arm or hand with a sling, glove or mitt. CIMT
39 typically involves intensive individualized therapy with up to six–eight hours of therapy

1 provided per day. However, other forms of modified CIMT have been developed with less
 2 therapy provided, but longer periods of restraint (Wolf, 2007). Veterans Affairs/Dept of
 3 Defense (VA/DoD) published guidelines that have also been endorsed by American Heart
 4 Association/American Stroke Association (AHA/ASA)—Clinical Practice Guideline for
 5 the Management of Adult Stroke Rehabilitation Care (Bates, et al., 2005). The guidelines
 6 note that, “Use of constraint-induced therapy should be considered for a select group of
 7 patients—that is, patients with 20 degrees of wrist extension and 10 degrees of finger
 8 extension, who have no sensory and cognitive deficits.” indicating a recommendation that
 9 the intervention may be considered). The Royal College of Physicians/Intercollegiate
 10 Stroke Working Party (United Kingdom) and the Ottawa Panel (2006) agree with these
 11 recommendations.

12
 13 CIMT has demonstrated inconsistent effectiveness for treatment of patients post-stroke
 14 (Abdullahi et al., 2020; Pulman et al., 2013; McIntyre et al., 2012; Corbetta et al., 2010;
 15 Sirtori et al., 2009; Abdullahi et al., 2021a; Abdullahi et al., 2021b; Alaca and Ocal, 2022).
 16 Future randomized controlled trials need to have accurate characteristics in terms of
 17 methodological quality, larger samples, longer follow up, reliable and relevant measure
 18 and report of adverse events. Some evidence demonstrates that modified CIMT could
 19 reduce the level of disability, improve the ability to use the paretic upper extremity, and
 20 enhance spontaneity during movement time, but evidence is still limited about the
 21 effectiveness of modified CIMT in kinematic analysis (Pollack et al., 2014; Shi et al.,
 22 2011). Research suggests that modified CIMT and intensive CIMT produce similar results
 23 (Peurala et al., 2012).

24
 25 CIMT has also been used for the treatment of children with cerebral palsy (CP). Research
 26 is not conclusive with regards to the effectiveness of CIMT for this population; however
 27 there appears to be modest evidence to support its use in a modified format (Novak et al.,
 28 2020; Taub et al., 2004; Sakzewski et al., 2009; Eliasson et al., 2005; Hoare et al., 2007;
 29 Chen et al., 2014; Chiu and Ada, 2016; Eliasson et al., 2014, Hoare et al., 2019; Martínez-
 30 Costa Montero et al., 2020; Ramey et al., 2021; Walker et al., 2022; Dionisio and Terrill,
 31 2022; Jackman et al., 2022; Baker et al., 2022). Further research using adequately powered
 32 RCTs [randomized controlled trials], rigorous methodology and valid, reliable outcome
 33 measures is essential to provide higher level support of the effectiveness of CIMT for
 34 children with hemiplegic cerebral palsy.

35 36 **Intensive Model of Therapy (IMOT) Programs**

37 Refer to *Intensive Model of Therapy (CPG 286 – S) clinical practice guideline* for more
 38 information.

39

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1 **Dry Hydrotherapy**

2 Dry hydrotherapy, also referred to as aquamassage, water massage, or hydromassage, is a
3 treatment that incorporates water with the intent of providing therapeutic massage. The
4 treatment is generally provided in chiropractor or physical therapy offices. There are
5 several dry hydrotherapy devices available that provide this treatment, including the
6 following:

- 7 • Aqua Massage® (AMI Inc., Mystic, CT)
- 8 • AquaMED® (JTL Enterprises, Inc., Clearwater, FL)
- 9 • H2OMassage System™ (H2OMassage Systems, Winnipeg, MB, Canada)
- 10 • Hydrotherapy Tables (Sidmar Manufacturing, Inc., Princeton, MN)

11
12 Proponents of dry hydrotherapy maintain that it can be used in lieu of certain conventional
13 physical medicine therapeutic modalities and procedures, such as heat packs, wet
14 hydrotherapy, massage, and soft tissue manipulation. The assertions that have been made
15 by manufacturers of this device at their websites have not yet been proven. No published
16 studies or information regarding dry hydrotherapy devices or dry hydrotherapy treatment
17 were identified in the peer-reviewed scientific literature. In the absence of peer- reviewed
18 literature demonstrating the effectiveness of dry hydrotherapy and in the absence of
19 comparison to currently accepted treatment modalities, no definitive conclusions can be
20 drawn regarding the clinical benefits of this treatment.

21 **Non-invasive Interactive Neurostimulation (e.g., InterX®)**

22 Refer to *Non-invasive Interactive Neurostimulation (InterX®) (CPG 277 – S) clinical*
23 *practice guideline* for more information.

24 **Microcurrent Electrical Nerve Stimulation (MENS)**

25
26 For more information, see Electric Stimulation for Pain, Swelling and Function in the
27 Clinic Setting (CPG 272 – S) clinical practice guideline.

28 **H-WAVE ®**

29 Refer to *H-WAVE® Electrical Stimulation (CPG 269 – S) clinical practice guideline* for
30 more information.

31 **Spinal Manipulation for the Treatment of Non-Musculoskeletal Conditions and** 32 **Related Disorders**

33 Refer to *Spinal Manipulative Therapy for Non-Musculoskeletal Conditions and Related*
34 *Disorders (CPG 119 – S) clinical practice guideline* for more information.

35 **Equestrian Therapy (e.g., hippotherapy)**

1 Equestrian therapy, also known as hippotherapy, is proposed to offer a person with a
 2 disability a means of physical activity that aids in improving balance, posture, coordination,
 3 the development of a positive attitude and a sense of accomplishment. It is proposed for
 4 treatment of several conditions including autism spectrum disorders and cerebral palsy.
 5 There is insufficient published evidence regarding the effects of this therapy on individuals
 6 with impaired physical function resulting from illness, injury, congenital defect or surgery
 7 (Bronson et al., 2010; Lee et al., 2014; O'Haire et al., 2014; De Guindos-Sanchez et al.,
 8 2020; De Miguel et al., 2018; Kraft et al., 2019; De Guindos-Sanchez et al., 2020; Marquez
 9 et al., 2020; White et al., 2020; Santos de Assis et al., 2022; Pantera et al., 2022; Pérez-
 10 Gómez et al., 2022; Heussen and Häusler, 2022; Prieto et al., 2022). It is noted that most
 11 studies are limited by methodological weaknesses.

12 13 **MEDEK Therapy**

14 Refer to *MEDEK Therapy (CPG 276 – S) clinical practice guideline* for more information.

15 16 **The Interactive Metronome Program**

17 Interactive Metronome® (IM) is purported to be an assessment and training tool that
 18 measures and improves Neurotiming, or the synchronization of neural impulses within key
 19 brain networks for cognitive, communicative, sensory and motor performance. It is
 20 designed to improve processing speed, focus, and coordination. Patients wear headphones
 21 and match a beat using a hand or foot sensor along with visual and auditory feedback. The
 22 IM program has been promoted as a treatment for children with attention-deficit
 23 hyperactivity disorder (ADHD) and for other special needs children to increase
 24 concentration, focus, and coordination. It has also been promoted to improve athletic
 25 performance, to assess and improve academic performance of normal children, and to
 26 improve children's performance in the arts (e.g., dance, music, theater, creative arts).
 27 Additionally, it has been implemented as part of a therapy program for patients with
 28 balance disorders, cerebrovascular accident, limb amputation, multiple sclerosis,
 29 Parkinson's disease, and traumatic brain injury. However, based on peer-reviewed
 30 literature, evidence is insufficient to support effectiveness of the IM program. Well-
 31 designed clinical studies are needed to determine the effectiveness of the IM program and
 32 whether a clinically significant improvement is achieved.

33 34 **Taping/Elastic therapeutic tape (e.g., Kinesio™ tape, Spidertech™ tape)**

35 Refer to *Strapping and Taping (CPG 143 – S) clinical practice guideline* for more
 36 information.

37 38 **Dry Needling**

39 Refer to *Dry Needling (CPG 178 – S) clinical practice guideline* for more information.

Laser Therapy (LT)

Refer to *Laser Therapy (LT) (CPG 30 – S) clinical practice guideline* for more information.

Vertebral Axial Decompression Therapy and Devices

Refer to *Axial/Spinal Decompression Therapy (CPG 83 – S) clinical practice guideline* for more information.

10. CODING/BILLING INFORMATION**Note:**

- 1) This list of codes may not be all-inclusive.
- 2) Deleted codes and codes which are not effective at the time the service is rendered may not be eligible for reimbursement.

Covered when medically necessary:

CPT®* Codes	Description
97010	Application of a modality to 1 or more areas; hot or cold packs
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

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CPT®* Codes	Description
97036	Application of a modality to 1 or more areas; Hubbard tank, each 15 minutes
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)
97124	Therapeutic procedure, 1 or more areas, each 15 minutes; massage, including effleurage, petrissage and/or tapotement (stroking, compression, percussion)
97140	Manual therapy techniques (e.g., mobilization/manipulation, manual lymphatic drainage, manual traction), 1 or more regions, each 15 minutes
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.
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.

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CPT®* Codes	Description
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.
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
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

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HCPCS Codes	Description
G0151	Services performed by a qualified physical therapist in the home health or hospice setting, each 15 minutes
G0237	Therapeutic procedures to increase strength or endurance of respiratory muscles, face-to-face, one-on-one, each 15 minutes (includes monitoring)
G0238	Therapeutic procedures to improve respiratory function, other than described by G0237, one-on-one, face-to-face, per 15 minutes (includes monitoring)
G0239	Therapeutic procedures to improve respiratory function or increase strength or endurance of respiratory muscles, two or more individuals (includes monitoring)
S9131	Physical therapy; in the home, per diem

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Training in Nature/Not Medically Necessary/Not Covered:

CPT* Codes	Description
20560	Needle insertion(s) without injection(s); 1 or 2 muscle(s)
20561	Needle insertion(s) without injection(s); 3 or more muscles
97169	Athletic training evaluation, low complexity, requiring these components: A history and physical activity profile with no comorbidities that affect physical activity; An examination of affected body area and other symptomatic or related systems addressing 1-2 elements from any of the following: body structures, physical activity, and/or participation deficiencies; and Clinical decision making of low complexity using standardized patient assessment instrument and/or measurable assessment of functional outcome. Typically, 15 minutes are spent face-to-face with the patient and/or family
97170	Athletic training evaluation, moderate complexity, requiring these components: A medical history and physical activity profile with 1-2 comorbidities that affect physical activity. An examination of affected body area and other symptomatic or related systems addressing a total of 3 or more elements from any of the following: body structures, physical activity, and/or participation deficiencies; and Clinical decision making of moderate complexity using standardized patient assessment instrument and/or

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CPT* Codes	Description
	measurable assessment of functional outcome. Typically, 30 minutes are spent face-to-face with the patient and/or family.
97171	Athletic training evaluation, high complexity, requiring these components: A medical history and physical activity profile, with 3 or more comorbidities that affect physical activity; A comprehensive examination of body systems using standardized tests and measures addressing a total of 4 or more elements from any of the following: body structures, physical activity, and/or participation deficiencies; 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.
97172	Re-evaluation of athletic training established plan of care requiring these components: An assessment of patient’s current functional status when there is a documented change, and A revised plan of care using a standardized patient assessment instrument and/or measurable assessment of functional outcome with an update in management options, goals, and interventions. Typically, 20 minutes are spent face-to-face with the patient and/or family.
97537	Community/work reintegration training (e.g., shopping, transportation, money management, avocational activities and/or work environment/modification analysis, work task analysis, use of assistive technology device/adaptive equipment), direct one-on-one contact, each 15 minutes
97545	Work hardening/conditioning; initial 2 hours
97546	Work hardening/conditioning; each additional hour (List separately in addition to code for primary procedure)

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HCPCS Codes	Description
S8990	Physical or manipulative therapy performed for maintenance rather than restoration
S9117	Back school, per visit

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Unproven and not covered when used to report constraint-induced movement therapy or dry hydrotherapy/aquamassage/hydromassage, equestrian therapy (e.g., hippotherapy), elastic therapeutic tape/taping, low-level laser therapy or vertebral axial decompression:

HCPCS Codes	Description
S8940	Equestrian/hippotherapy, per session
S8948	Application of a modality (requiring constant provider attendance) to one or more areas, low-level laser; each 15 minutes
S9090	Vertebral axial decompression, per session
E0744	Neuromuscular stimulator for scoliosis

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

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