Continuous Passive Motion and Mechanical Stretching Devices

Humana

Medicaid Medical Coverage Policy

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Line of Business: Medicaid
State: KY

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Description

Continuous Passive Motion

Continuous passive motion (CPM) devices are designed to aid recovery following surgery or injury to joints or associated tissues. Movement of the joint is provided passively by a motorized device, rather than active motion initiated by the individual. While some CPM devices attach to a bed frame and must be used with the individual lying down, other CPM devices are portable and battery operated for home use. CPM is proposed for use initially following surgery or injury along with standard physical therapy (PT).

Mechanical Stretching Devices

Mechanical stretching devices differ from CPM devices in that they are nonmotorized and are generally proposed as an adjunct treatment to PT and/or exercise. These devices may also be referred to as dynamic devices, which mean they allow some controlled motion; they differ from static devices which do not allow any movement at all, making those an orthotic device.

Mechanical stretching devices may be classified into one of the following three categories:

- **Low-load prolonged-duration stretch (LLPS)** devices, also referred to as dynamic splinting, permit active and passive motion with elastic traction within a limited range and maintain a set level of tension by means of incorporated springs. Examples of LLPS devices include, but may not be limited to: DeROM

(ankle, elbow, knee, wrist), Dynasplint, JAS Advance Dynamic, Pro-Glide, SaeboFlex, SaeboReach and Ultraflex.

- **Patient-actuated serial stretch (PASS)** devices are purported to permit active and passive motion with elastic traction within a limited range, but also provide a low- to high-level load to the joint using pneumatic, hydraulic or tensioning systems that can be adjusted by the individual. Examples of PASS devices include, but may not be limited to: ERMI Elbow Extensionater, ERMI Knee Extensionater, ERMI Knee/Ankle Flexionater and ERMI Shoulder Flexionater.

- **Static progressive stretch (SPS)** devices hold the joint in a set position but are purported to allow for manual modification of the joint angle without exerting stress on the tissue unless the angle is set to the joint's limitations. While these devices allow for movement (passive or active) within a limited range, the motion is free and does not provide elastic traction. Examples of SPS devices include, but may not be limited to: Joint Active Systems (JAS) Splints (eg, JAS EZ systems [ankle, elbow, finger, knee extension, knee flexion, pronation/ supination, shoulder, thumb and wrist], JAS SPS systems [ankle, elbow, knee, pronation-supination (pro/sup), shoulder, wrist]), Stat-A-Dyne and Static-Pro (elbow, knee, wrist).

NOTE: Mechanical stretching devices are **NOT** orthotic devices.

Coverage Determination

CPM

Humana members may **NOT** be eligible under the Plan for **CPM devices** (E0935, E0936) for **ANY indication** including, but not limited to, **total knee arthroplasty (TKA) or revision TKA OR injury or surgery of the articular tissues of the shoulder.** These are considered not medically necessary.

Humana members may **NOT** be eligible under the Plan for **mechanical stretching devices** for **ANY indication**:

- **LLPS mechanical stretching devices/dynamic adjustable** devices (E1800, E1802, E1805, E1810, E1812, E1815, E1820, E1825, E1830, E1840, L4396) including, but may not be limited to:

  - AFO (dynamic) (L4396); **OR**
  - DeROM (ankle, elbow, knee, wrist); **OR**
  - Dynasplint; **OR**
  - JAS Advance Dynamic; **OR**
  - Pro-Glide; **OR**
  - SaeboFlex; **OR**
  - SaeboReach; **OR**
  - Ultraflex; **OR**

- **PASS** devices including, but may not be limited to:

- ERMI Elbow Extensionater; **OR**
- ERMI Knee Extensionater; **OR**
- ERMI Knee/Ankle Flexionater; **OR**
- ERMI Shoulder Flexionater; **OR**

- **SPS** devices (E1801, E1806, E1811, E1816, E1818, E1821, E1831, E1841) including, but may not be limited to:

  - JAS EZ (ankle, elbow, finger, knee extension, knee flexion, pronation/ supination [pro/sup], shoulder, thumb, wrist); **OR**

  - JAS SPS (ankle, elbow, knee, pronation/supination [pro/sup], shoulder, wrist); **OR**

  - Joint Active Systems products; **OR**

  - Stat-A-Dyne; **OR**

  - Static-Pro (elbow, knee, wrist)

These are considered experimental/investigational as they are not identified as widely used and generally accepted for the proposed uses as reported in nationally recognized peer-reviewed medical literature published in the English language.

Coding Information

Any codes listed on this policy are for informational purposes only. Do not rely on the accuracy and inclusion of specific codes. Inclusion of a code does not guarantee coverage and/or reimbursement for a service or procedure.

CPT® Code(s)	Description	Comments
No code(s) identified		
CPT® Category III Code(s)	**Description**	**Comments**
No code(s) identified		
HCPCS Code(s)	**Description**	**Comments**
E1399	Durable medical equipment, miscellaneous	
E1800	Dynamic adjustable elbow extension/flexion device, includes soft interface material	
E1801	Static progressive stretch elbow device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories	

E1802	Dynamic adjustable forearm pronation/supination device, includes soft interface material	
E1805	Dynamic adjustable wrist extension/flexion device, includes soft interface material	
E1806	Static progressive stretch wrist device, flexion and/or extension, with or without range of motion adjustment, includes all components and accessories	
E1810	Dynamic adjustable knee extension/flexion device, includes soft interface material	
E1811	Static progressive stretch knee device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories	
E1815	Dynamic adjustable ankle extension/flexion device, includes soft interface material	
E1816	Static progressive stretch ankle device, flexion and/or extension, with or without range of motion adjustment, includes all components and accessories	
E1818	Static progressive stretch forearm pronation/supination device, with or without range of motion adjustment, includes all components and accessories	
E1825	Dynamic adjustable finger extension/flexion device, includes soft interface material	
E1830	Dynamic adjustable toe extension/flexion device, includes soft interface material	
E1840	Dynamic adjustable shoulder flexion/abduction/rotation device, includes soft interface material	
E1841	Static progressive stretch shoulder device, with or without range of motion adjustment, includes all components and accessories	
L1844	Knee orthosis (KO), single upright, thigh and calf, with adjustable flexion and extension joint (unicentric or polycentric), medial-lateral and rotation control, with or without varus/valgus adjustment, custom fabricated	
L1970	Ankle-foot orthosis (AFO), plastic with ankle joint, custom fabricated	
L3730	Elbow orthosis (EO), double upright with forearm/arm cuffs, extension/ flexion assist, custom fabricated	
L3740	Elbow orthosis (EO), double upright with forearm/arm cuffs, adjustable position lock with active control, custom fabricated	

L3766	Elbow-wrist-hand-finger orthosis (EWHFO), includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment	
L3900	Wrist-hand-finger orthosis (WHFO), dynamic flexor hinge, reciprocal wrist extension/ flexion, finger flexion/extension, wrist or finger driven, custom fabricated	
L3905	Wrist-hand orthosis (WHO), includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment	
L3973	Shoulder-elbow-wrist-hand orthosis (SEWHO), abduction positioning (airplane design), thoracic component and support bar, includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment	
L4396	Static or dynamic ankle foot orthosis, including soft interface material, adjustable for fit, for positioning, may be used for minimal ambulation, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise	

References

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Change Summary

01/01/2025 New Policy.