

## Medical Policy



### Continuous Passive Motion (CPM) Devices

#### Description

A continuous passive motion (CPM) device moves the affected joint continuously without an individual's assistance. The CPM device is used as an adjunct to conventional physical therapy and is an established therapy in the early postoperative phase of rehabilitation for members following total knee replacement, manipulation, ACL/PCL reconstruction, hip replacement, following injury or surgical repair of the articulating joints in the upper extremities.

An electrical power unit is used to set the variable range of motion and speed. The speed and range of motion can be adjusted depending on joint stability, patient comfort level, and other factors assessed intraoperatively. These settings are made by a physical therapist or other health professional familiar with these devices. If needed, an emergency stop switch immediately halts the device.

#### Policy

CPM devices are considered reasonable and necessary for individuals during the early phase of rehabilitation following a total knee replacement, manipulation, ACL/PCL reconstruction, hip replacement, following injury or surgical repair of the articulating joints in the upper extremities.

#### Policy Guidelines

##### Coverage Criteria:

1. Must be ordered by the member's treating practitioner.
2. CPM usage is considered reasonable and necessary during the three-week period following surgery and in which the device is used in the member's home.

##### Limitations:

1. CPM usage is considered not reasonable and necessary for member's not meeting the policy outlined above.
2. Synthetic sheepskin pad (E0188) and lamb's wool sheepskin pad, any size (E0189) is considered included in the reimbursement for rental of the CPM device and **not separately payable**.

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#### HCPCS Level II Codes and Description

E0935	Continuous passive motion exercise device for use on knee only
E0936	Continuous passive motion exercise device for use other than knee
E0188	Synthetic sheepskin pad
E0189	Lambswool sheepskin pad, any size

#### Documentation Requirements

1. When billing for a CPM device:
  - a. The “from” date should represent the date the CPM device began in the member’s home.
  - b. Providers should bill the date the use of the device ends as the “to” date.
  - c. Coverage for a CPM device is generally limited to that portion of the 21-day following surgery during which the device is used in the member’s home (or per state guidelines).
  - d. The units of service should reflect the actual number of calendar days the CPM device was used by the member in the home.
2. When billing for a CPM device the claim must include all the following information:
  - a. The type of surgery performed (such as “total knee replacement”) or provide the CPT code for the surgical procedure (e.g., 27447, 27486, or 27487)
  - b. Date of the surgery
  - c. Date the device was initiated.
  - d. Date of discharge from the hospital or nursing home (if the member is discharged from the hospital to a skilled nursing facility or rehabilitation center before going home, use the discharge date when the member went home.)
3. Claims submitted without required information will be rejected.

#### Important Note:

Northwood’s Medical Policies are developed to assist Northwood in administering plan benefits and determining whether a particular DMEPOS product or service is reasonable and necessary. Equipment that is used primarily and customarily for a non-medical purpose is not considered durable medical equipment.

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Coverage determinations are made on a case-by-case basis and are subject to all of the terms, conditions, limitations, and exclusions of the member's contract including medical necessity requirements.

The conclusion that a DMEPOS product or service is reasonable and necessary does not constitute coverage. The member's contract defines which DMEPOS product or service is covered, excluded or limited. The policies provide for clearly written, reasonable and current criteria that have been approved by Northwood's Medical Director.

The clinical criteria and medical policies provide guidelines for determining the medical necessity for specific DMEPOS products or services. In all cases, final benefit determinations are based on the applicable contract language. To the extent there are any conflicts between medical policy guidelines and applicable contract language, the contract language prevails. Medical policy is not intended to override the policy that defines the member's benefits, nor is it intended to dictate to providers how to direct care. Northwood Medical policies shall not be interpreted to limit the benefits afforded to Medicare or Medicaid members by law and regulation and Northwood will use the applicable state requirements to determine required quantity limit guidelines.

Northwood's policies do not constitute medical advice. Northwood does not provide or recommend treatment to members. Members should consult with their treating practitioner in connection with diagnosis and treatment decisions.

Northwood follows all CMS National Coverage Determinations (NCD) and Local Coverage Determinations (LCD), as applicable.

#### References

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2. Harvard Pilgrim Health Care Payment Policies, Durable Medical Equipment; <https://www.harvardpilgrim.org/provider/wp-content/uploads/sites/7/2020/07/H1-DME-PM.pdf> Accessed and reviewed 11/11/24.
3. National Coverage Determination 280.1 Continuous passive motion devices. Last accessed/reviewed November 11, 2024.

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7. Denis M, Moffet H, Caron F, Ouellet D, Paquet J, Nolet L. Effectiveness of continuous passive motion and conventional physical therapy after total knee arthroplasty: a randomized clinical trial. *Phys Ther*. 2006 Feb;86(2):174-85.
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14. Lastayo PC, Wright T, Jaffe R, Hartzel J. Continuous passive motion after repair of the rotator cuff. A prospective outcome study. *J Bone Joint Surg Am*. 1998 Jul;80(7):1002-11.

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15. Lenssen TA, van Steyn MJ, Crijns YH, Waltje EM, Roox GM, Geesink RJ, et al. Effectiveness of prolonged use of continuous passive motion (CPM), as an adjunct to physiotherapy, after total knee arthroplasty. *BMC Musculoskelet Disord.* 2008 Apr 29;9:60.

#### Change/Authorization History

Revision Number	Date	Description of Change	Prepared / Reviewed by	Approved by	Review Date:	Effective Date:
A	11-20-06	Initial Release	Rosanne Brugnoni	Ken Fasse	n/a	
01		Annual Review – no changes	Susan Glomb	Ken Fasse	12-2008	
02	12-22-09	Annual Review- No changes	Susan Glomb	Ken Fasse	Dec.2009	
03	01-25-10	Added: use of CPM for other than the knee would be considered not medically necessary.	Susan Glomb	Ken Fasse		
04	11-19-10	Annual Review – No changes	Susan Glomb	Ken Fasse	Nov.2010	
05	02-14-11	Updated the policy to current version	Susan Glomb	Ken Fasse		
05	07-20-11	Added Important Note to all Medical Policies, References and updated to reflect current policies.	Susan Glomb	Dr. B. Almasri		
06	12-13-11	Annual Review. Added References to Policy	Susan Glomb	Dr. Almasri	Dec. 2011	
07	11-28-12	Annual review – no changes.	Susan Glomb	Dr. B. Almasri	Nov. 2012	
08	12-30-13	Annual review	Susan Glomb	Dr. B. Almasri		
09	11-25-14	Annual Review.	Susan Glomb	Dr. B. Almasri		

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10	11-25-15	Annual Review. No Changes.	Lisa Wojno	Dr. B. Almasri	November 2015	
11	11-22-16	Annual Review. No Changes.	Lisa Wojno	Dr. B. Almasri	November 2016	
12	11-14-17	Annual review. No changes.	Carol Dimech	Dr. C. Lerchin	November 2017	
13	11-15-18	Annual Review. No Changes.	Lisa Wojno	Dr. C. Lerchin	November 2018	
14	11-12-19	Annual review. No changes.	Carol Dimech	Dr. C. Lerchin	November 2019	November 2019
15	11-6-20	Annual review. Changed “treating physician” to “treating practitioner”.	Carol Dimech	Dr. C. Lerchin	November 6, 2020	November 6, 2020
16	11-02-21	Annual review. No changes	Carol Dimech/Susan Glomb	Dr. C. Lerchin	November 2, 2021	
17	11-8-21	Added NCD, LCD verbiage to “Important Note”.	Carol Dimech	Dr. C. Lerchin	November 8, 2021	
18	11-14-22	Annual Review. No Changes.	Lisa Wojno	Dr. C. Lerchin	November 2022	
19	11-21-23	Annual Review. Added reference.	Carol Dimech	Dr. C. Lerchin	November 21, 2023	November 21, 2023
20	11-11-24	Annual Review. No changes.	Carol Dimech	Dr. C. Lerchin	November 11, 2024	November 11, 2024