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 knee injury or surgery, manipulation, ACL/PCL reconstruction or following injury or surgical repair of the articulating joints in the shoulder.

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**

**For Medicare Members:**
Continuous passive range of motion devices (CPM) are covered only if all of the following are met:

- CPM treatment is started after a total knee replacement or a revision of a major component of a previously performed total knee replacement. CPMs are not covered after any other type of knee or joint surgery.

- CPM treatment must be applied within 48 hours of surgery to be eligible for Medicare coverage

In addition, coverage is limited to 21 days from the date of surgery and to that portion during which the device is used in the patient’s home.

Claims for items that do not meet these criteria will be denied as not reasonable and necessary.

**For Non-Medicare Members:**
A continuous passive motion (CPM) device is considered an established therapy in the following circumstances:
• For the early phases of rehabilitation along with active physical therapy for patients who have had knee injury or surgery.

• During the non-weight-bearing rehabilitation period following intra-articular cartilage repair procedures of the knee (e.g., microfracture, osteochondral grafting, autologous chondrocyte implantation, treatment of osteochondritis dissecans, repair of tibial plateau fractures).

• For patients who have sustained an injury or undergone surgery of the joint tissues of the shoulder.

A CPM device is considered reasonable and necessary for members meeting the below coverage criteria.

Policy Guidelines for Non-Medicare Members

Coverage Criteria:

The continuous passive motion (CPM) device when used as an adjunct to conventional physical therapy is an established therapy in the early postoperative phase of rehabilitation (must meet one):

• For patients following knee injury or surgery (e.g., total knee arthroplasty, ACL repair, etc.)

• For patients who have sustained an injury to, or have undergone surgery of the articular tissues of the shoulder.

• For use during the non-weight-bearing rehabilitation period following intra-articular cartilage repair procedures of the knee (e.g., microfracture, osteochondral grafting, autologous chondrocyte implantation, treatment of osteochondritis dissecans, repair of tibial plateau fractures).

Limitations:

1. Use of the CPM machine for other joints or joint conditions, including, but not limited to the hip, ankles, toes, fingers, etc. is considered not reasonable and necessary.

2. Synthetic sheepskin pad (E0188) and lambs wool sheepskin pad, any size (E0189) are considered included in the reimbursement for rental of the CPM device and not separately payable.

3. Coverage is generally limited to that portion of the three week period following surgery during which the device is used in the Member’s home.
Continuous Passive Motion (CPM) Devices (Commercial/Medicare/NHMedicaid)

**HCPCS Level II Codes and Description**

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>E0935</td>
<td>Passive motion exercise device for use on knee only</td>
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<tr>
<td>E0936</td>
<td>Continuous passive motion exercise device for use other than the knee</td>
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<tr>
<td>E0188</td>
<td>Synthetic sheepskin pad</td>
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<tr>
<td>E0189</td>
<td>Lambs wool sheepskin pad, any size</td>
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**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 CPM device is limited to that portion of the 21 day following surgery during which the device is used in the Member’s home. Additional days over the 21 day period will be considered not reasonable and necessary.
   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.

**References**


**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.

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.
Northwood reserves the right to amend all policies without notice to providers or members.

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

### Applicable URAC Standard

| Core 8 | Staff operational tools and support |

### Change/Authorization History

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