



Subject: Continuous Passive Motion (CPM)

Effective Date: 4/1/16

Revision Date: 12/22

DESCRIPTION

Continuous passive motion (CPM) is applied by a machine that passively and repeatedly moves the knee through a specified range of motion (ROM). It is believed that CPM increased recovery of knee ROM and has other therapeutic benefits.

PRIOR AUTHORIZATION

Currently, knee CPM does not require prior authorization and The OSU Health Plan will cover use of the device up to 21 days. Network restrictions may apply based on plan.

EXCLUSIONS

The OSU Health Plan does not cover the use of CPM beyond 21 days.

The OSU Health Plan does not cover use of CPM for joints other than the knee.

RELATED CPT/HCPC CODES

HCPC codes covered up to 21 days:	
E0935	Continuous passive motion exercise device for use on knee only

HCPCS codes not covered (per Medicare):	
E0936	Continuous passive motion exercise device for use other than knee

REFERENCES

Aetna. (2018, March 12). Continuous Passive Motion (CPM) Machines. Retrieved July 20, 2018, from http://www.aetna.com/cpb/medical/data/1_99/0010.html

Board Certified Physician.

Centers for Medicare & Medicaid Services. (2005, July 5). *Durable Medical Equipment Reference (NCD 280.1)*. Retrieved April 6, 2016, from <https://www.cms.gov/medicare-coverage-database/details/ncd-details.aspx?NCDId=190&bc=AgAAQAAAAAAA&ncdver=2>

Harvey LA, Brosseau L, Herbert RD. Continuous passive motion following total knee arthroplasty in people with arthritis. *Cochrane Database of Systematic Reviews* 2014, Issue 2. Art. No.: CD004260. DOI: 10.1002/14651858.CD004260.pub3

- Liao, C.D., Tsauo, J.Y., Huang, S.W., Chen, H.C., Chiu, Y.S. and Liou, T.H. (2019). Preoperative range of motion and applications of continuous passive motion predict outcomes after knee arthroplasty in patients with arthritis. *Knee Surg Sports Traumatol Arthrosc*, 27(4), 1259-1269.
- Leibold, E., & Bentley, K. (Eds.). (2015). *2016 HCPCS Level II Expert*. Salt Lake City, UT: Optum360, LLC.
- Peters SE, Jha B, Ross M. Rehabilitation following surgery for flexor tendon injuries of the hand. *Cochrane Database of Systematic Reviews* 2021, Issue 1. Art. No.: CD012479. DOI: 10.1002/14651858.CD012479.pub2.
- Prabhu RKR, Swaminathan N, Harvey LA. Passive movements for the treatment and prevention of contractures. *Cochrane Database of Systematic Reviews* 2013, Issue 12. Art. No.: CD009331. DOI: 10.1002/14651858.CD009331.pub2