

Children's Hospital and Health System Children's Community Health Plan Policy and Procedure

This policy applies to the following entity(s):

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| <input type="checkbox"/> CHW – Milwaukee | <input type="checkbox"/> CHW - Fox Valley |
| <input type="checkbox"/> CHHS Foundation | <input type="checkbox"/> CHW - Surgicenter |
| <input type="checkbox"/> CHW – Community Services Division | <input checked="" type="checkbox"/> Children's Community Health Plan |
| <input type="checkbox"/> Children's Medical Group - Primary Care | <input type="checkbox"/> Children's Specialty Group |
| <input type="checkbox"/> Children's Medical Group - Urgent Care | <input type="checkbox"/> CHHS Corporate Departments |

Medical Utilization Management Policy

SUBJECT: CONTINUOUS PASSIVE MOTION DEVICES

INCLUDED PRODUCT(S):

Medicaid

BadgerCare Plus

Care4Kids Program

Commercial

Together with CCHP

Marketplace

Together with CCHP

PURPOSE OR DESCRIPTION:

The purpose of this policy is to define criteria for the medically necessary use of Continuous Passive Motion devices (CPM).

POLICY:

Appropriate use of CPMs is limited to:

1. Post operative use after total knee replacement AND
 - a. Applied within 48 hours of surgery
 - b. Limited to 21 days after surgery

For all other uses, CCHP follows the Milliman Care Guidelines which finds no clinical indications for using this technology.

REFERENCES

Effective: 5/16

Reviewed:

Developed by: CCHP Medical Directors and Director Health Plan Clinical Services

1. Milliman Care Guideline ACG: A-0335 (AC), Continuous Passive Motion (CPM)
2. Dundar U, Toktas H, Cakir T, Evcik D, Kavuncu V. Continuous passive motion provides good pain control in patients with adhesive capsulitis. *International Journal of Rehabilitation Research* 2009;32(3):193-8. DOI: 10.1097/MRR.0b013e3283103aac.
3. Lobb R, Tumilty S, Claydon LS. A review of systematic reviews on anterior cruciate ligament reconstruction rehabilitation. *Physical Therapy in Sport* 2012;13(4):270-8. DOI: 10.1016/j.ptsp.2012.05.001.
4. Fazalare JA, Griesser MJ, Siston RA, Flanigan DC. The use of continuous passive motion following knee cartilage defect surgery: a systematic review. *Orthopedics* 2010;33(12):878. DOI: 10.3928/01477447-20101021-16.
5. Garofalo R, Conti M, Notarnicola A, Maradei L, Giardella A, Castagna A. Effects of one-month continuous passive motion after arthroscopic rotator cuff repair: results at 1-year follow-up of a prospective randomized study. *Musculoskeletal Surgery* 2010;94 Suppl 1:S79-83. DOI: 10.1007/s12306-010-0058-7.
6. Harvey LA, Brosseau L, Herbert RD. Continuous passive motion following total knee arthroplasty in people with arthritis. *Cochrane Database of Systematic Reviews* 2014, (verified by Cochrane 2014 Mar), Issue 2. Art. No.: CD004260. DOI: 10.1002/14651858.CD004260.pub3.
7. He ML, Xiao ZM, Lei M, Li TS, Wu H, Liao J. Continuous passive motion for preventing venous thromboembolism after total knee arthroplasty. *Cochrane Database of Systematic Reviews* 2014, Issue 7. Art. No.: CD008207. DOI: 10.1002/14651858.CD008207.pub3