

References

O-32

1. NHIC/CGS L33787, effective 10/01/2015, revised 01/01/2020. Accessed April 1, 2021.
2. NHIC/CGS DME MAC A52496, effective 10/01/2015, revised 01/01/2020. Accessed April 1, 2021.
3. Pröbsting E, Kannenberg A, Zacharias B. Safety and walking ability of KAFO users with the CBrace® Orthotronic Mobility System, a new microprocessor stance and swing control orthosis. *Prosthetics and Orthotics International*. 2017;41(1):65-77.
4. Hayes Clinical Research Response Osseointegrated Prostheses for the rehabilitation of amputees (OPRA) August 8, 2018 Accessed March 31, 2020
5. Fernandes J-C, Silva M, Santos R. Components of prosthetic lower limbs for transfemoral and transtibial amputations: General prescription recommendations and literature review. *Journal of Life Care Planning*. 2018;16(2):11-21.
6. Highsmith, M., Stevens P, Orendurff, M, Kannenberg A. The role of exercise testing in predicting successful ambulation with a lower extremity prosthesis: a systematic literature review and clinical practice guideline. *Journal of Neuro Engineering and Rehabilitation*. 2018;15 (Suppl 1):64
7. Sansosti LE, Crowell A, Choi ET, Meyr AJ. Rate of and factors associated with ambulation after unilateral major lower-limb amputation at an urban US tertiary-care hospital with a multidisciplinary limb salvage team. *Journal of the American Podiatric Medical Association*. 2017;107(5):355-364.
8. Roffman CE, Buchanan J, Allison CT. Locomotor Performance During Rehabilitation of People With Lower Limb Amputation and Prosthetic Nonuse 12 Months After Discharge. *Physical Therapy*. 2016;96(7):985-994.
9. Quinlan J, Yohay J, Subramanian V, Poziembo B, Fatone S. Using mechanical testing to assess the effect of lower-limb prosthetic socket texturing on longitudinal suspension. *PloS one*. 2020;15(8):e0237841.
10. Wurdeman SR, Stevens PM, Campbell JH. Mobility analysis of amputees (MAAT 3): Matching individuals based on comorbid health reveals improved function for above-knee prosthesis users with microprocessor knee technology. *Assistive Technology*. 2020;32(5):236-242.
11. Müller R, Tronicke L, Abel R, et. al. Prosthetic push-off power in trans-tibial amputee level ground walking: A systematic review. *PloS one*. 2019;14(11):e0225032.

12. Vanicek N, Coleman E, Watson J, *et al.* STEPFORWARD study: A randomised controlled feasibility trial of a self-aligning prosthetic ankle-foot for older patients with vascular-related amputations. *BMJ Open* 2021;11:e045195.