



Upper Limb Absence Research

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Please find below a list of references from the session:

1. Ziegler-Graham, K., MacKenzie, E., Ephraim, P., Trivison, T., & Brookmeyer, R. (2008). Estimating the prevalence of limb loss in the United States: 2005 to 2050. *Arch Phys Med Rehabil*, 89, 422-429.
2. Dillingham, T., & MacKenzie, E. (2002). Limb amputation and limb deficiency: epidemiology and recent trends in the United States. *Southern Medical Journal*, 95, 875-883.
3. Armed Forces Health Surveillance Center. (2012). Amputations of upper and lower extremities, active and reserve components, U.S. armed forces, 2000-2011. *MSMR*, 19(6), 2-6.
4. Brown, J. (2003). *Amputations: A continuing workplace hazard*. U.S. Bureau of Labor Statistics. Retrieved from <http://www.bls.gov/opub/mlr/cwc/amputations-a-continuing-workplace-hazard.pfd>
5. American Medical Association. *Guides to the Evaluation of Permanent Impairment*. Sixth Edition. Chicago, Illinois. American Medical Association; 2008
6. Biddiss EA & Chau TT. Upper limb prosthesis use and abandonment: A survey of the last 25 years. *Prosthetics and Orthotics International*. 2007; 31 (3): 236-257.
7. Gambrell, C. (2008). Overuse syndrome and the unilateral upper limb amputee: consequences and prevention. *J Prosthet Orthot*, 20:126-32
8. Jones, L. & Davidson, J. (1999). Save that arm: a study of problems in the remaining arm of unilateral upper limb amputees. *Prosthet Orthot Int*, 23:55-58
9. Datta, D., Selvarajah, K., & Davey, N. (2004). Functional outcome of patients with proximal upper limb deficiencies-acquires and congenital. *Clin Rehabil*, 18:172-177
10. McFarland LV, Hubbard Winkler SL, Heinemann AW, Jones M, & Esquenazi A. Unilateral upper-limb loss: Satisfaction and prosthetic-device use in veterans and servicemembers from Vietnam and OIF/OEF conflicts. *Journal of Rehabilitation Research & Development*. 2010; 47(4): 299-316.
11. *About the DASH*. (6/1/20). Retrieved from The DASH Outcome Measure: <http://www.dash.iwh.on.ca/about-dash>
12. *TAPES-R*. (6/1/20). Retrieved from Dublin Psychoprosthetics Group: <http://psychoprosthetics.ie/tapes-r/>
13. Fletchall, S. Returning upper-extremity amputees to work. *The O&P Edge*. 2005; 4:28-33.
14. Biddiss, E. A., & Chau, T. T. (2008). Multivariate prediction of upper limb prosthesis acceptance or rejection. *Disability and Rehabilitation: Assistive Technology*, 3(4), 181-192.

15. Resnik, L., et al. (2012). Development and evaluation of the activities measure for upper limb amputees. *Archives of Physical Medicine and Rehabilitation*.
16. Durance, J.P. & O'Shea, B.J. (1988). Upper-limb amputees: a clinical profile. *Int Disabil Stud*, 10:68-72
17. van Lunteren A, van Lunteren-Gerritsen GHM, Stassen HG, Zuithoff MJ. A field evaluation of arm prostheses for unilateral amputees. *Prosthet Orthot Int*. 1983;7:141-151
18. Flinn SR, Pease WS, Freimer ML. Score reliability and construct validity of the Flinn Performance Screening Tool for adults with symptoms of carpal tunnel syndrome. *Am J Occup Ther*. 2012;66(3):330–37
19. Linsay Whelan, M. S., & Nathan Wagner, L. P. O. (2014). Individualizing goals for users of externally powered partial hand prostheses. *Journal of rehabilitation research and development*, 51(6), 885.
20. Stratford P, Gill C, Westaway M, Binkley J. Assessing disability and change on individual patients: a report of a patient specific measure. *Physiother Can* 1995;47:258–263.
21. Metcalf C, Woodward H, Wright V, et al. Changes in hand function with age and normative unimpaired scores when measured with the Southampton Hand Assessment Procedure. *Br J Hand Ther*
22. Whelan, L. R., & Farley, J. (2018). Functional outcomes with externally powered partial hand prostheses. *JPO: Journal of Prosthetics and Orthotics*, 30(2), 69-73.
23. Wanamaker, A. B., Whelan, L. R., Farley, J., & Chaudhari, A. M. (2019). Biomechanical analysis of users of multi-articulating externally powered prostheses with and without their device. *Prosthetics and orthotics international*, 43(6), 618-628.
24. AOPA. (2019). *2019 AOPA Operating Performance Report*, Alexandria, VA
25. British Society of Rehabilitation Medicine. *Amputee and Prosthetic Rehabilitation – Standards and Guidelines*, 3rd Edition; Report of the Working Party (Co-Chairs: Hanspal RS, Sedki I). British Society of Rehabilitation Medicine, London 2018.