

DAFTAR PUSTAKA

- Ashworth. S., and Kozin, S.H., 2011. Brachial Plexus Palsy Reconstruction: Tendon Transfers, Osteotomies, Capsular Release, and Arthrodesis. In Skirven, Osterman, Fedorczyk, Amadio (eds.), Rehabilitation of the Hand and Upper Extremity, 6th edn, Mosby: Philadelphia, pp.792-812.
- Backman, C., Cork, S., Gibson, D., and Parsons, J., 1992. Assessment of Hand Function: The Relationship between Pegboard Dexterity and Applied Dexterity. Canadian Journal of Occupational Therapy, 59(4).
- Barbier, O., Penta, M. and Thonnard, J.L., 2003. Outcome evaluation of the hand and wrist according to the International Classification of Functioning, Disability, and Health. Hand clinics, 19(3), pp.371-378
- Barreca, S., Gowland, C., Stratford, P., Huijbregts, M., Griffiths, J., Torresin, W., Dunkley, M., Miller, P. and Masters, L., 2004. Development of the Chedoke Arm and Hand Activity Inventory: theoretical constructs, item generation, and selection. Topics in stroke rehabilitation, 11(4), pp.31-42.
- Barreca, S., Stratford, P., Masters, L., Gowland, C., Lambert, M.C., Griffiths, J., McBay, C., Dunkley, M., Miller, P., Huijbregts, M., and Torresin, W., 2010. The Chedoke Arm and Hand Activity Inventory: Administration Guidelines version 2. <http://www.cahai.ca/layout/content/CAHAI-Manual-English-v2.pdf> (Diunduh pada: 1 Agustus 2018).
- Barreca, S.R., Stratford, P.W., Lambert, C.L., Masters, L.M. and Streiner, D.L., 2005. Test-retest reliability, validity, and sensitivity of the Chedoke arm and hand activity inventory: a new measure of upper-limb function for survivors of stroke. Archives of physical medicine and rehabilitation, 86(8), pp.1616-1622.
- Barreca, S. R., Stratford, P. W., Masters, L. M., Lambert, C. L., Griffiths, J., and McBay, C., 2006. Validation of three shortened versions of the Chedoke Arm and Hand Activity Inventory. Physiotherapy Canada, 58(2), pp.148-156.
- Bengston, K.A., and Shin, A.Y., 2008. Orthoses for Brachial Plexus Injuries, In John D Hsu (Eds.), Atlas of Orthoses and Assistive Devices, 4th edn, Mosby: Philadelphia, pp.249-59.
- Bengtson, K.A., Spinner, R.J., Bishop, A.T., Kaufman, K.R., Coleman-Wood, K., Kircher, M.F. and Shin, A.Y., 2008. Measuring outcomes in adult brachial plexus reconstruction. Hand clinics, 24(4), pp.401-415.

- Benjuya, N., and Kenney, S. B., 1990. Hybrid arm orthosis. JPO: Journal of Prosthetics and Orthotics, 2(2), 155-163.
- Berning, K., Cohick, S., Johnson, R., Miller, L. A., & Sensinger, J. W., 2014. Comparison of body-powered voluntary opening and voluntary closing prehensor for activities of daily life. Journal of Rehabilitation Research & Development, 51(2).
- Bos, R., Haarman, C., Stortelder, T., Nizamis, K., Herder, J., Stienen, A., and Plettenberg, D., 2016. A structured overview of trends and technologies used in dynamic hand orthoses. Journal of NeuroEngineering and Rehabilitation, 13(62).
- Brown, D.W., Roberts, K., 2008. Application of External Power in Brachial Plexus Injury Management: A case study. MEC'08 Measuring Success in Upper Limb Prosthetics, Proceedings of the 2008 Myoelectric Controls/Powered Prosthetics Symposium, University of New Brunswick, Fredericton, Canada.
- Buxton, P., 2003. ABC OF Dermatology 4th edition. London: BMJ Publishing
- Champbell, W.W., 2013. DeJong's The Neurologic Examination, 7th, Philadelphia; Lippincott Williams & Wilkins. pp. 113-22, 513-38, 611-632.
- Chen, N., Yang, L.J.S., and Chung, K.C., 2012. Anatomy of the Brachial Plexus, In Kevin C Chung (Eds.), Practical Management of Pediatric and Adult Brachial Plexus Palsies, Elsevier: Philadelphia, pp.3-12.
- Chinnathurai, R., 2010. Short Textbook of Prosthetics and Orthotics. New Delhi: Jaypee Brothers Medical Publishers (P) LTD. pp. 99-102.
- Cockrell, and Folstein. 2002. Mini-Mental State Examination. Dalam Copeland, Abou-Saleh, dan Blazer (Editor), Principles and Practice of Geriatric Psychiatry. West Sussex: John Wiley dan Sons. pp.. 139-140.
- Ensurd, E., King, J.C., and Alfonso, J.D., 2015. Plexopathy Brachial. In Frontera WR, Silver JK, Rizzo TD (eds.). Essential of Physical Medicine and Rehabilitation : Musculoskeletal Disorders, Pain, and Rehabilitation. 3rd edition. Philadelphia : Elsevier Saunders, pp 756-761.
- Figueiredo, S., 2009. Chedoke Arm and Hand Activity Inventory (CAHAI). Stroke Engine. <https://www.strokengine.ca/en/assess/cahai/> (dipetik pada 1 Agustus 2018).
- Fundhi, K.A.P., Masduchi, R.H., Kurniawati, P.M., and Pawana, I.P.A., 2018. Perbedaan efek antara ortosis prehension body powered dengan myoelektrik terhadap ketangkasan tangan pada subyek penderita cedera pleksus brakhialis. Surabaya: Departemen Ilmu Kedokteran Fisik dan Rehabilitasi FK Universitas Airlangga - RSUD dr. Soetomo.

- Haddad, S.F., Adams, C.T., Cole, K.P., and Rosenbaum, A.J., 2018. Traumatic Brachial Plexus Injuries, Available from: <https://emedicine.medscape.com/article/1268993-overview> (cited on August 1st, 2018).
- Hapsari, R., Wardhani, I., and Pawana, I.P.A., 2017. Perbandingan Efek Segera Pemakaian Hemisling Dan Ortosis Bahu Fungsional Terhadap Pengurangan Subluksasi Bahu Pada Penderita Cedera Pleksus Brakialis. Surabaya: Departemen Ilmu Kedokteran Fisik dan Rehabilitasi Fakultas Kedokteran Universitas Airlangga RSUD dr. Soetomo.
- Hilliard, M.J., An, K.N., Moran, S.L., Berger, R., 2008. Biomechanics of the upper limb, In John D Hsu (Eds.), Atlas of Orthoses and Assistive Devices, 4th edn, Mosby: Philadelphia, pp.169-76.
- Johnson, S. S., dan Mansfield, E. 2014. Prosthetic training: upper limb. Phys Med Rehabil Clin N Am, 25(1), pp.133-151
- Kang, L., and Wolfe, S., 2011. Traumatic Brachial Plexus Injuries. In Skirven, Osterman, Fedorczyk, Amadio (eds.), Rehabilitation of the Hand and Upper Extremity, 6th edn, Mosby: Philadelphia, pp.749-59.
- Kaye, V., and Brandstater, M.E., 2008. Traumatic Brachial Plexopathy, Available from: <http://emedicine.medscape.com/article/316888-overview> (cited on August 1st, 2018).
- Kelly, B.M., and Leonard, J.A., 2012. Rehabilitation concepts for adult brachial plexus injuries, In Chung K, Yang LYS, McGillicuddy J (Eds.). Practical management of pediatric and adult brachial plexus palsies, Elsevier Saunders: Edinburgh, pp 302-317.
- Kelly, B.M., Patel, A.T., and Dodge, C.V., 2016. Upper Limb Orthoses. In D. Cifu (Ed), Braddom's Physical Medicine and Rehabilitation. Philadelphia: Elsevier. pp.. 225
- Kinlaw, D., 2005. Pre-/Postoperative Therapy for Adult Plexus Injury. Hand Clin, 21, pp.103-108.
- Lenheis, H., 1968. Application External Power in Orthotics. Orthotics and Prosthetics , 22(3), pp.34-45.
- Light, C.M., Chappell, P., and Kyberd, P.J., 2002. Establishing a Standardized Clinical Assessment Tool of Pathologic and Prosthetic Hand Function: Normative Data, Reliability, and Validity. Arch Phys Med Rehabil Vol 83. pp. 776-783.

- Lindner, H.Y., Nätterlund, B.S. and Hermansson, L.M.N., 2010. Upper limb prosthetic outcome measures: review and content comparison based on International Classification of Functioning, Disability and Health. *Prosthetics and orthotics international*, 34(2), pp.109-128
- Lindner, H., 2013. The Assessment of Capacity for Myoelectric Control : Psychometric evidence and comparison with upper limb prosthetic outcome measures (PhD dissertation). Örebro universitet, Örebro. Retrieved from <http://urn.kb.se/resolve?urn=urn:nbn:se:oru:diva-30071>.
- Lumbantobing, S.M., 1998. Neurologi Klinik: Pemeriksaan Fisik dan Mental. Jakarta: Fakultas Kedokteran Universitas Indonesia.
- Lunsford, T., and DiBello,T., 2008. Principles and components of upper limb orthoses. Dalam Hsu, Michael, Fisk, J. Hsu, J. Michael, dan J. Fisk (Editor), AAOS Atlas of Orthoses and Assistive Device (4th ed.). New York: Elsevier
- McKee, P., and Morgan, L., 1998. Orthotics in Rehabilitation: Splinting the Hand and Body. New Delhi: Jaypee Brothers.
- McKee, P., and Rivard, A., 2011. Foundations of Orthotic Intervention. In Skirven, Osterman, Fedorczyk, Amadio (eds.), Rehabilitation of the Hand and Upper Extremity, 6th edn, Mosby: Philadelphia, pp.1566-1579.
- Metcalf, C., Adams, J., Burridge, J., Yule, V. and Chappell, P., 2007. A review of clinical upper limb assessments within the framework of the WHO ICF. *Musculoskeletal Care*, 5(3), pp.160-173.
- Michael. J., and Nunley, J.. 1992. Special Considerations: Brachial Plexus Injuries: Surgical Advances and Orthotic/Prosthetic Management. Dalam Bowker (Editor), *Atlas of Limb Prosthetics: Surgical, Prosthetic, and Rehabilitation Principles*. Rosemont: American Academy of Orthopedic Surgeons
- Moran, S.L., Steinmann, S.P., Shin, A.Y., 2005. Adult Brachial Plexus Injuries: Mechanism, Patterns of Injury, and Physical Diagnosis, *Hand Clinic Journal*, vol.21, pp.13-24.
- Morrey, B.F., Askew, L., and Chao, E.Y.,1981. A biomechanical study of normal functional elbow motion. *J Bone Joint Surg*, 63A, pp.872-877.
- Murphy, M.A., Resteghini, C., Feys, P. and Lamers, I., 2015. An overview of systematic reviews on upper extremity outcome measures after stroke. *BMC neurology*, 15(1), p.29.
- National Centre for Training and Education in Prosthetics and Orthotics (NCTEPO), 1981. Upper Limb Orthoses and Components. Introductory Biomechanics, Prosthetics and Orthotics. Scotland: University of Strathclyde Glosgow. pp 1-64.

- Namdari, S., Yagnik, G., Ebaugh, D.D., Nagda, S., Ramsey, M.L., Williams Jr, G.R. and Mehta, S., 2012. Defining functional shoulder range of motion for activities of daily living. *Journal of shoulder and elbow surgery*, 21(9), pp.1177-1183.
- Neumann, D., 2010. Elbow and Forearm. In D. Neumann (Ed), Kinesiology of the Musculoskeletal System: Foundations for Rehabilitation (2nd eds).. Missouri: Mosby Elsevier. pp.189
- Park, H.R., Lee, G.S., Kim, I.S. and Chang, J.C., 2017. Brachial Plexus Injury in Adults. *The Nerve*, 3(1), pp.1-11.
- Plettenburg, D. H., & Herder, J. L., 2003. Voluntary closing: A promising opening in hand prosthetics. *Technology and Disability*, 15(2), 85-94.
- Rachmawati, S., Subagyo, Arfianti, L., and Wardhani, I., 2016. Faktor yang Mempengaruhi Perbaikan Motorik Pasca Pembedahan Rekonstruksi Functioning Free Muscle Transfer pada Pasien Cedera Pleksus Brakhialis Akibat Trauma. Surabaya: Departemen Ilmu Kedokteran Fisik dan Rehabilitasi FK Universitas Airlangga - RSUD dr. Soetomo.
- Rastogi, S., 2013. Upper Limd Orthosis. In Agarwal AK (Ed), Essentials of Prosthetics and Orthotics. New Delhi: Jaypee Brothers Medical Publishers (P) LTD. Pp. 51- 55.
- Richards, R.R., Beaton, D. and Hudson, A.R., 1993. Shoulder arthrodesis with plate fixation: functional outcome analysis. *Journal of shoulder and elbow surgery*, 2(5), pp.225-239.
- Rühmann, O., Schmolke, S., Bohnsack, M., Flamme, C. and Wirth, C.J., 2005. Shoulder arthrodesis: indications, technique, results, and complications. *Journal of shoulder and elbow surgery*, 14(1), pp.38-50.
- Schoomaker, L., 2006. Case Study: Brachial Plexus Injury. *The Academy Today*, 2(2), pp.10-11.
- Schuster, C., Hahn, S. and Ettlin, T., 2010. Objectively-assessed outcome measures: a translation and cross-cultural adaptation procedure applied to the Chedoke McMaster Arm and Hand Activity Inventory (CAHAI). *BMC medical research methodology*, 10(1), p.106.
- Seftchick, J., Detullio, L., Fedorczyk, J., dan Aulicino, P. 2011. Clinical Examination of The Hand. Dalam Skirven (Editor), *Rehabilitation of the hand and upper extremity* (pp.. 55). Philadelphia: Elsevier Mosby
- Smania, N., Berto, G., Marchina, L., Melotti, C., Midiri, A., dan Roncari, L. 2012. Rehabilitation of Brachial Plexus Injuries in adults and children. *Eur J Phys Med*, 48, pp.483-506.

- Smit, G., and Plettenburg, D. H., 2010. Efficiency of Voluntary Closing Hand and Hook Prostheses. *Prosthetics and Orthotics International*, 34(4), pp.411–427. <https://doi.org/10.3109/03093646.2010.486390>
- Sousa, R., Pereira, A., Massada, M., Trigueiros, M., Lemos, R. and Silva, C., 2011. Shoulder arthrodesis in adult brachial plexus injury: what is the optimal position?. *Journal of Hand Surgery (European Volume)*, 36(7), pp.541-547.
- Stewart, A. M., Pretty, C. G., Adams, M., and Chen, X. 2017. Review of Upper Limb Hybrid Exoskeletons. *IFAC-PapersOnLine*, 50(1), 15169-15178
- Suroto, H., 2011. How to Manage Adult Brachial Plexus Injuries? Current Diagnosis and Comprehensive Treatment of Brachial Plexus Injury. Surabaya: 1st National Symposium.
- Thatte, M.R., Babulkar, S., Hiremath, A., 2013. Brachial plexus injury in adults: Diagnosis and surgical treatment strategies. *Annals of Indian Academy of Neurology*, 16(1), p.26.
- Uustal, H., 2010. Upper Limb Orthotics. In Frontera (Ed), DeLisa's Physical Medicine and Rehabilitation Principles and Practice. Philadelphia: Lippincott Williams and Wilkins, pp 2051-61.
- Walsh, N.E., Bosker, G., and Maria, D.S., 2010. Upper and Lower Extremity Prosthetics. In: Delisa JA et al, eds. Physical Medicine and Rehabilitation. 5th edition. Philadelphia; Lippincott Williams & Wilkins. pp. 2017-49.
- Wardhani, I., Kurniawati, P., and Qorib, F. 2011. Peran Rehabilitasi Dalam Penanganan Pre dan Paska Operasi Lesi Pleksus Brakhialis. Current Diagnosis and Comprehensive Treatment of Brachial Plexus Injury. Surabaya: 1st National Symposium.