

DAFTAR PUSTAKA

- Adel dan Luykx. 1990. *Low and Medium Frequency Electrotherapy*. American Physical Therapy Association.
- Appleton, Brad. 2008. *Physiology of Stretching*. Article Exercise.
- Babault, N., et al. Effect of electromiostimulation training on muscle strength and power of elite rugby players. *J Strength Cond Res* 21: 431-437, 2007.
- Batey, Dennis A. 2006. *Neuromuscular Electrical Stimulation*.
- Bergquist A.J. Stimulation is applied over a nerve trunk compared Motor unit recruitment when neuromuscular electrical with a muscle belly: triceps surae. *Journal Appl Physiol* 110:627-637.2010.
- Brocherie, F., et al. Electrostimulation training effects on the physical performance of ice hockey players. *Med Sci Sports Exerc* 37: 455-460.2005.
- Coughan, S et al.2008. Electrical Muscle stimulation for deep stabilizing muscle in abdominal wall. *30th Annual International IEEE EMBS conference, Vancouver, British Columbia, Canada, Agust 20-24*.
- Currier, D.P. 1998. *Clinical Electrotherapy: Neuromuscular Stimulation for Improving Muscular Strength and Blood Flow, and Influencing Changes*.USA. Prantice Hall.
- Currier, Dean P. 1991. Neuromuscular Stimulation for Improving Muscular Strength and Blood flow, and Influencing Changes, in *Clinical Elektroterapy*, 2nd Edition.Appleton &Lange, Connecticut.
- Gregory, C.M. & Bickel, C.S. Recruitment patterns in human skeletal muscle during electrical stimulation. *Physical Therapy*: 2005; 85: 4; Pro Quest Research Library.
- Herrero, J.A., et al. Electromyostimulation and plyometric training effect on jumping and sprint time. *Int J Sports Med*.2005.

- Horstman, A.M. 2008. Intrinsic muscle strength and voluntary activation of both lower limb and functional performance after stroke. *Clin physiol funct imaging*.
- Holcomb, W. Is neuromuscular electrical stimulation an effective alternative to resistance training? *Strength Cond J*.27: 76-79.2005.
- Holcomb, W. Effect of training with neuromuscular electrical Stimulation on Elbow Flexion Strength. *Journal of Sports Science and Medicine* 5: 276-281. 2006.
- Joko Subroto. 1994. *Pembinaan Pencak silat*. Solo: CV. Aneka.
- Knaflitz, M., Marletti R, and De luca CJ. 1990. *Inference of motor unit recruitment order in voluntary and electrically elicited contractions*. The American Physiological Society.
- Kots. 1998. *Clinical Electrotherapy*. Effect of NMES on muscle strength . USA. Prentice Hall.
- Lake, DA. Neuromuscular electrical stimulation, An overview and its application in the treatment of sport injuries. *Sports Med* 13: 320-336. 1992.
- Laura, 2008. *The Effects of Neuromuscular Electrical Stimulation for Dysphagia in Opercular Syndrome: A Case Study*. Departemen of Neurology, University Hospital Maastricht, Maastricht, The Netherlands. Diakses dari <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2440926/>
- Maciel and Camara. 2008. Influence of Transcutaneous Electrical Nerve Stimulation (TENS) Associate with Muscle Stretching on Flexibility Gains. *Journal of Physical Therapy* 12(5):373-8.
- Mackler, L.S., et al. Strength of the Quadriceps Femoris Muscle and Functional Recovery after Reconstruction of the Anterior Cruciate Ligament. *The Journal of Bone and Joint Surgery*.77: 8: 1166-1172.1995.
- Maffiuletti, et al. The effects of electrostimulation training and basketball practice on muscle strength and jump ability. *Int J Sports Med* 21: 437-443, 2000.
- _____. Physiological and Methodological considerations for the use of neuromuscular electrical stimulations. *Eur J Appl Physiol*.110: 223-234. 2010.

- _____. The use of electromyostimulation exercise in competitive sport. *Int J Sports Physical perform* 1: 406-407. 2006.
- _____. Effect of Combined Electrostimulation and Plyometric training on vertical jump height. *Medicine&Science in Sports & Exercise*. 1638-1644.2002.
- Maryun Sudirohadiprodjo. 1982. *Pelajaran Pencak silat*. Jakarta :
- Nelson, R.M & Currier, D.P.(eds). 1991.*Clinical Electrotherapy*.Second Edition.171-195. USA: .Appleton & Lange.
- Parjoto, Slamet. 2006. *Terapi Listrik Untuk Modulasi Nyeri*. IFI. Semarang.
- Piva, S.R, et al. Neuromuscular Electrical Stimulation and Volational exercise for individual with Rhematatoid Arthritis: A Multiple-Patient Case Report. *Physical Therapy* 87: 8: 1064-1077.2007.
- Porcari, J.P., et al. The Effects of Neuromuscular Electrical Stimulation training on abdominal strength, Endurance, and Selected Anthopometric Measures. *Journal of Sports Science and Medicine* 4: 66-75.2005.
- Riann, M. 2010. *A Clinical Trial of Neuromuscular Electrical Stimulation in Improving Quadriceps Muscle Strength and Activation Among Women With Mild and Moderate Osteoarthritis*.
- Romero *et al*. The Effect of Elektrical Stimulation of Normal Quadriceps on Strength and Girth. *Med Sci Sports Exerc*. 14(3):194-7. 1982.
- Sajoto, M. 1988. *Peningkatan & Pembinaan Kekuatan Kondisi Fisik dalam Olahraga*, Semarang: Dahara Prize.
- Seyri, K.M. & Maffiuletti, N.2011. Effect of electromyostimulation training on muscle strength and sports performance. *Strength and Conditioning Journal*: Feb 2011;33,1;ProQuest Research Library pg.70.