

18 Beperkingen bij voortbewegen en staan

Literatuur

- Abel T, Kroner M, Rojas Vega S, Peters C, Klose C, Platen P. Energy expenditure in wheelchair racing and handbiking. A basis for prevention of cardiovascular diseases in those with disabilities. *Eur J Cardiovasc Prev Rehabil* 2003; 10: 371-6.
- Algood S D, Cooper RA, Fitzgerald SG, Cooper R, Boninger ML. Effect of a pushrim-activated power-assist wheelchair on the functional capabilities of persons with tetraplegia. *Arch Phys Med Rehabil* 2005; 86:380-6.
- Andersson BJG, Ortengren R, Nachemson AL, Elfström G, Broman H. The sitting posture. An electromyographic and discometric study. *Orthop Clin North Am* 1975; 6: 105-19.
- Armstrong LE, Maresh CM, Riebe D, Kenefick RW, Castellani JW, Senk JM et al. Local cooling in wheelchair athletes during exercise-heat stress. *Med Sci Sports Exerc* 1995; 27 :211-6.
- Asato KT, Cooper RA, Robertson RN, Ster JF. SMARTwheel. Development and testing of a system for measuring manual wheelchair propulsion dynamics. *IEEE Trans Biomed Eng* 1993; 40: 1320-4.
- Asbeck FWA van. *Functioneren met een paraplegie* [dissertatie]. Academisch proefschrift. Groningen; 1987.
- Baardman G, IJzerman MJ. *Design and evaluation of a hybrid orthosis for people with paraplegia* [dissertatie]. Enschede: Universiteit Twente; 1997.
- Bar, C.A. *The response of tissues to applied pressure* [dissertatie]. Cardiff: College of Medicine, University of Wales; 1988.
- Beckers DM, Buck MJ. *De revalidatie van dwarslaesiepatiënten*. Lochem: De Tijdstroom; 1992.
- Beckers DM, Pons C. De sta- en looptraining bij mensen met een dwarslaesie. *Ned Tijd v Fysiotherapie* 1986; 96: 110-4.
- Bennett L et al. Shear vs pressure as causative factors in skin blood flow occlusion. *Arch Phys Med Rehabil* 1979; 60: 309-14.
- Boninger ML, Baldwin M, Cooper RA, Koontz AM, Chan L. Manual wheelchair pushrim biomechanics and axle position. *Arch Phys Med Rehabil* 2000; 81: 608-13.
- Boninger ML, Cooper RA, Fitzgerald SG, Lin J, Cooper R, Dicianno B et al. Investigating neck pain in wheelchair users. *Am J Phys Med Rehabil* 2003; 82: 197-202.
- Boninger ML, Souza AL, Cooper RA, Fitzgerald SG, Koontz AM, Fay BT. Propulsion patterns and pushrim biomechanics in manual wheelchair propulsion. *Arch Phys Med Rehabil* 2002; 83: 718-23.
- Butler PB, Major RE, Patrick JH. The technique of reciprocal walking using the hip guidance orthosis (hgo) with crutches. *Prosthet Orthot Int* 1984; 8: 33-8.
- Carvalho D, Cassia Zanchetta M de, Sereni J, Cliquet Jr A. Metabolic and cardiorespiratory responses of tetraplegic subjects during treadmill walking using

Handboek dwarslaesierevalidatie

- neuromuscular electrical stimulation and partial body weight support. *Spinal Cord* 2005; 42: 1-6.
- Clarke K. Caloric costs of activity in paraplegic persons. *Arch Phys Med Rehabil* 1966 47: 427-35.
- Crane L, Klerk K, Ruhl A, Warner P, Ruhl C, Roach KE. The effect of exercise training on pulmonary function in persons with quadriplegia. *Paraplegia* 1994; 32: 435-41.
- Cranenburgh B van. *Inleiding in de toegepaste neurowetenschappen*. Deel 1, 2. Utrecht: Lemma; 1993, 1994.
- Crenshaw RP, Vistnes LM. A decade of pressure sore research: 1977-1987. *J Rehabil Res Dev* 1989; 26: 63-74.
- Curtis KA, Tyner TM, Zachary L, Lentell G, Brink D, Didyk T et al. Effect of a standard exercise protocol on shoulder pain in long-term wheelchair users. *Spinal Cord* 1999; 37: 421-9.
- Dabonneville M, Kauffmann P, Vaslin P, Saint-Remy N de, Couetard Y, Cid M. A self-contained wireless wheelchair ergometer designed for biomechanical measures in real life conditions. *Technol Disabil* 2005; 17: 63-76.
- Dallmeijer AJ, Hopman MT, As HH van, Woude LH van der. Physical capacity and physical strain in persons with tetraplegia. The role of sport activity. *Spinal Cord* 1996; 34: 729-35.
- Dallmeijer AJ, Kilkens OJ, Post MW, Groot S de, Angenot EL, Asbeck FW van et al. Hand-rim wheelchair propulsion capacity during rehabilitation of persons with spinal cord injury. *J Rehabil Res Dev* 2005; 42: 55-63.
- Dallmeijer AJ, Ottjes L, Waardt E de, Woude LH van der. A physiological comparison of synchronous and asynchronous hand cycling. *Int J Sports Med* 2004; 25:622-6.
- Dallmeijer AJ, Zentgraaff ID, Zijp NI, Woude LH van der. Submaximal physical strain and peak performance in handcycling versus handrim wheelchair propulsion. *Spinal Cord* 2004; 42: 91-8.
- Deckers J, Beckers D. *Ganganalyse en looptraining voor de paramedicus*. Houten: Bohn Stafleu Van Loghum; 1996.
- DeVivo MJ, Krause JS, Lammertse DP. Recent trends in mortality and causes of death among persons with spinal cord injury. *Arch Phys Med Rehabil* 1999; 80:411-9.
- Dietz V, Colombo G. Recovery from spinal cord injury. Underlying mechanisms and efficacy of rehabilitation. *Acta Neurochir Suppl* 2004; 89: 95-100.
- Dietz V, Wirz M, Curt A, Colombo G. Locomotor pattern in paraplegic patients. Training effects and recovery of spinal cord function. *Spinal Cord* 1998; 36: 380-90.
- Dobkin B, Apple D, Barbeau H, Basso M, Behrman A, Deforge D et al. Weight-supported treadmill vs over-ground training for walking after acute incomplete SCI. *Neurology* 2006; 66: 484-93.
- Douglas R, Larson PF, D'Ambrosia R et al. The LSU reciprocating Gait Orthosis. *Orthopedics* 1983; 6: 834-9.

Handboek dwarslaesierevalidatie

- Drongelen AW van, Roszek B, Hilbers-Modderman ESM, Kallewaard M, Wassenaar C. *Wheelchair incidents*. Bilthoven: RIVM; 2002.
- Drongelen S van, Groot S de, Veeger HE, Angenot EL, Dallmeijer AJ, Post MW et al. Upper extremity musculoskeletal pain during and after rehabilitation in wheelchair-using persons with a spinal cord injury. *Spinal Cord* 2006; 44: 152-9.
- Drongelen S van, Woude LH van der, Janssen TW, Angenot EL, Chadwick EK, Veeger DH. Glenohumeral contact forces and muscle forces evaluated in wheelchair-related activities of daily living in able-bodied subjects versus subjects with paraplegia and tetraplegia. *Arch Phys Med Rehabil* 2005; 86: 1434-40.
- Ebel A. Restorative management of paraplegic patient. Philosophy and concept of bracing. *N Y Stat J Med* 1968; 68: 2037-40.
- Effing TW, Meeteren NLU van, Asbeck FWA van, Prevo AJH. Body weight-supported treadmill training in chronic incomplete spinal cord injury. A pilot study evaluating functional health status and quality of life. *Spinal Cord* 2006; 44: 287-96.
- Engelbert JHHL. *Inventariserende bepalingen van het thermisch comfort van rolstoelzittingen*. TNO rapport TE 92, 1378; juli 1992.
- Farmer IR, Poiner R, Rose GK. The adult swivel walker. Ambulation for paraplegic and tetraplegic patients. *Paraplegia* 1982; 20: 248-54.
- Faupin A, Gorce P, Campillo P, Thevenon A, Remy-Neris O. Kinematic analysis of handbike propulsion in various gear ratios. Implications for joint pain. *Clin Biomech* (Bristol, Avon) 2006; 21: 560-6. Epub 2006 Feb 28.
- Frank TG, Abel EW. Measurement of the turning, rolling and obstacle resistance of wheelchair castor wheels. *J Biomed Eng* 1989; 11: 462-6.
- Gayle GW, Pohlman RL, Glaser RM, Davis GM. Cardiorespiratory and perceptual responses to arm cranking and wheelchair exercise using various handrims in male paraplegics. *Res Q Exerc Sport* 1990; 61: 224-32.
- Gerrits HL, Haan A de, Hopman MT, Woude LH van der, Jones DA, Sargeant AJ. Contractile properties of the quadriceps muscle in individuals with spinal cord injury. *Muscle Nerve* 1999; 22: 1249-56.
- Gordon EE, Vanderwalde H. Energy requirements in paraplegic ambulation. *Arch Phys Med Rehabil* 1956; 37: 276-85.
- Grandjean E et al. The development of a rest chair for healthy and notalgic people. *Ergonomics* 1969; 12: 307-15.
- Groot PC de, Kuppevelt DH van, Pons C, Snoek G, Woude LH van der, Hopman MT. Time course of arterial vascular adaptations to inactivity and paralyzes in humans. *Med Sci Sports Exerc* 2003; 35: 1977-85.
- Groot S de, Dallmeijer AJ, Kilkens OJ, Asbeck FW van, Nene AV, Angenot EL et al. Course of gross mechanical efficiency in handrim wheelchair propulsion during rehabilitation of people with spinal cord injury. A prospective cohort study. *Arch Phys Med Rehabil* 2005; 86: 1452-60.

Handboek dwarslaesierevalidatie

- Groot S de, Veeger DH, Hollander AP, Woude LH van der. Wheelchair propulsion technique and mechanical efficiency after 3 wk of practice. *Med Sci Sports Exerc* 2002; 34: 756-66.
- Guttmann L. *Spinal Cord Injuries. Comprehensive management and research*. Oxford: Blackwell Scientific Publications; 1973.
- Haisma J, Woude LH van der, Stam J, Bussmann J, Sluis T, Dallmeijer A et al. Changes in physical capacity in persons with spinal cord injury during and after rehabilitation. *Arc Phys Med Rehabil*. Accepted, 2006.
- Harrison DD et al. Sitting biomechanics part I. Review of the literature. *J Manipulative Physiol Ther* 1999; 22: 594-609.
- Haskell WL. J.B. Wolffe Memorial Lecture. Health consequences of physical activity. Understanding and challenges regarding dose-response. *Med Sci Sports Exerc* 1994; 26: 649-60.
- Haskell WL. Physical activity, sport, and health. Toward the next century. *Res Q Exerc Sport* 1996; 67: S37-47.
- Hawran S, Biering-Sörensen F. The use of long leg calipers for paraplegic patients. A follow-up study of patients discharged 1973-1982. *Spinal Cord* 1996; 34: 666-8.
- Heesterbeek PJ, Berkelmans HW, Thijssen DH, Kuppevelt HJ van, Hopman MT, Duysens J. Increased physical fitness after 4-week training on a new hybrid FES-cycle in persons with spinal cord injury. *Technol Disabil* 2005; 17: 103-10.
- Hermens HJ et al. *Advances in hybrid systems*. Paper presented at the 10th Congress of the Intern. Soc. of Electrophysiology and Kinesiology. Charleston USA; June 1994.
- Hesse S, Werner C, Barbelden A. Electromechanical gait training with functional electrical stimulation. Case studies in spinal cord injury. *Spinal Cord* 2005; 42: 346-52.
- Hicks A, Adams M, Martin Ginnis K, Giangregorio L, Latimer A, Phillips S et al. Long-term body-weight-supported treadmill training and subsequent follow-up in persons with chronic SCI. Effects on functional walking ability and measures of subjective well-being. *Spinal Cord* 2005; 43: 291-8.
- Hjeltnes N, Vokac Z. Circulatory strain in everyday life of paraplegics. *Scand J Rehabil Med* 1979; 11: 67-73.
- Hoffer MM, Feiwell E, Perry R, Perry J, Bonnet C. Functional ambulation in patients with myelomeningocele. *J Bone Joint Surg Am* 1973; 55: 137-48.
- Hoffman MD. Cardiorespiratory fitness and training in quadriplegics and paraplegics. *Sports Med* 1986; 3: 312-30.
- Hopman MT, Nommensen E, Asten WN van, Oeseburg B, Binkhorst RA. Properties of the venous vascular system in the lower extremities of individuals with paraplegia. *Paraplegia* 1994; 32: 810-6.
- Hussey RW, Stauffer ES. Spinal cord injury. Requirements for ambulation. *Arch Phys Med Rehabil* 1973; 54: 544-7.
- Jackson RR. Do you recommend long leg braces for patient with paraplegia? If so, what type of bracing do you prefer? *Phys Ther* 1971; 51: 823.

Handboek dwarslaesierevalidatie

- Janssen T, Glaser R, Schuster D. Clinical efficacy of electrical stimulation exercise training. Effects on health, fitness, and function. *Top Spinal Cord Inj Rehabil* 1998; 3: 33-49.
- Janssen TW, Dallmeijer AJ, Veeger DJ, Woude LH van der. Normative values and determinants of physical capacity in individuals with spinal cord injury. *J Rehabil Res Dev* 2002; 39: 29-39.
- Janssen TW, Dallmeijer AJ, Woude LH van der. Physical capacity and race performance of handcycle users. *J Rehabil Res Dev* 2001; 38: 33-40.
- Janssen TW, Oers CA van, Hollander AP, Veeger HE, Woude LH van der. Isometric strength, sprint power, and aerobic power in individuals with a spinal cord injury. *Med Sci Sports Exerc* 1993; 25: 863-70.
- Janssen TW, Oers CA van, Rozendaal EP, Willemsen EM, Hollander AP, Woude LH van der. Changes in physical strain and physical capacity in men with spinal cord injuries. *Med Sci Sports Exerc* 1996; 28: 551-9.
- Janssen TW, Oers CA van, Veeger HE, Hollander AP, Woude LH van der, Rozendal RH. Relationship between physical strain during standardised ADL tasks and physical capacity in men with spinal cord injuries. *Paraplegia* 1994; 32: 844-59.
- Kauzlarich JJ, Thacker JG. Wheelchair tire rolling resistance and fatigue. *J Rehabil Res Dev* 1985; 22: 25-41.
- Kilkens OJ, Dallmeijer AJ, Nene AV, Post MW, Woude LH van der. The longitudinal relation between physical capacity and wheelchair skill performance during inpatient rehabilitation of people with spinal cord injury. *Arch Phys Med Rehabil* 2005; 86: 1575-81.
- Kotajarvi BR, Sabick MB, An KN, Zhao KD, Kaufman KR, Basford JR. The effect of seat position on wheelchair propulsion biomechanics. *J Rehabil Res Dev* 2004; 41: 403-14.
- Krajl A et al. Gait restoration in paraplegic patients. A feasibility demonstration using multichannel surface electrode FES. *J Rehab Res Dev* 1983; 20: 3-20.
- Krouskop TA et al. Inflation pressure effect on performance of air-filled wheelchair cushions. *Arch Phys Med Rehabil* 1986; 67: 126-8.
- Le KM, Madsen BL, Barth PW, Ksander GA, Angell JB, Vistnes LM. An in-depth look at pressure sores using monolithic silicon pressure sensors. *Plast Reconstr Surg* 1984; 74: 745-56.
- Lesser W. Arbeitsphysiologische Untersuchungen des Rollstuhls mit Greifreifenantrieb. *Med Orthop Techn* 1981; 5: 139-43.
- Liberson WT et al. Functional electrotherapy. Stimulation of the peroneal nerve synchronized with the swing phase of the gait in hemiplegic patients. *Arch Phys Med Rehabil* 1961; 42: 101-5.
- Linden ML van der, Valent L, Veeger HE, Woude LH van der. The effect of wheelchair handrim tube diameter on propulsion efficiency and force application (tube diameter and efficiency in wheelchairs). *IEEE Trans Rehabil Eng* 1996; 4: 123-32.

Handboek dwarslaesierevalidatie

- Long C, Lawton EB. Functional significance of spinal cord lesion level. *Arch Phys Med Rehabil* 1955; 36: 249-55.
- Marsolais EB, Edwards BG. Energy cost of walking and standing with functional neuromuscular stimulation and long leg braces. *Arch Phys Med Rehabil* 1988; 69: 243-9.
- Marsolais EB, Kobetic R. Implantation techniques and experience with percutaneous intramuscular electrodes in the lower extremities. *J Rehab Res Dev* 1986; 23: 1-8.
- Mathias CJ. Orthostatic hypotension and paroxysmal hypertension in humans with high spinal cord injury. *Prog Brain Res* 2006; 152: 231-43.
- Merkel KD, Miller NE, Westbrook PR, Merritt JL. Energy expenditure of paraplegic patients standing and walking with two knee-ankle-foot orthoses. *Arch Phys Med Rehabil* 1984; 65: 121-4.
- Messenger N, Rithalia SVS, Bowker P et al. Effects of ambulation in the blood flow in paralysed limbs. *J Biomed Eng* 1989; 11: 249-52.
- Munoz D. Rehabilitation of patients totally paralysed below waist with special reference to making them ambulatory and capable of earning their own living. *N Engl J Med* 1954; 240: 4-14.
- Natvig H, McAdam R. Ambulation without wheelchair for paraplegics with complete lesions. *Paraplegia* 1978; 16: 142-6.
- Nene AV, Andrews BJ. *An assessment of Parawalker hybrid orthosis*. Proc. 2nd Vienna Int. Workshop on Functional Electrostimulation 1986; Vienna: 79-82.
- Nene AV, Hermens HJ, Zilvold G. Paraplegic locomotion. A review. *Spinal Cord* 1996; 34: 507-24.
- Nene AV, Major RE. Dynamics of reciprocal gait of adult paraplegics using the Parawalker (Hip Guidance Orthosis). *Prosthet Orthot Int* 1987; 11: 124-7.
- Nene AV, Patrick JH. Energy cost of paraplegic locomotion using the Parawalker electrical stimulation 'Hybrid' orthosis. *Arch Phys Med Rehabil* 1970; 71: 116-20.
- Nene AV, Patrick JH. Energy cost of paraplegic locomotion with the Orlau Parawalker. *Paraplegia* 1989; 27: 5-18.
- Nichols PJ, Norman PA, Ennis JR. Wheelchair user's shoulder? Shoulder pain in patients with spinal cord lesions. *Scand J Rehabil Med* 1979; 11: 29-32.
- Niesing R, Eijskoot F, Kranse R, Ouden AH den, Storm J, Veeger HE et al. Computer-controlled wheelchair ergometer. *Med Biol Eng Comput* 1990; 28: 329-38.
- Ogilvie C, Bowker P, Rowley DI. The physiological benefits of paraplegic orthotically aided walking. *Paraplegia* 1993; 31:111-5.
- Patrick JH, McClelland MR. Low energy cost reciprocal walking for the adult paraplegic. *Paraplegia* 1985; 23: 113-7.
- Pépin A, Norman KE, Barbeau H. Treadmill walking in incomplete spinal-cord-injured subjects. Adaptation to changes in speed. *Spinal Cord* 2003; 41: 257-70.

Handboek dwarslaesierevalidatie

- Perry J. *Gait analysis. Normal and pathological function*. Thorofare: Slack Incorporated; 1992.
- Philips CA. Electrical muscle stimulation in combination with a reciprocating gait orthosis for ambulation by paraplegics. *J Biomed Eng* 1989; 11: 338-44.
- Pinter MM, Dimitrijevic MR. Gait after spinal cord injury and the central pattern generator for locomotion. A scientific review. *Spinal Cord* 1999; 37: 531-7.
- Pollmann H. *Verslag van de ontwikkeling van de meetbil*. Intern verslag; 1993.
- Preisler B, Neirick U. Der Parawalker. *Krankengymnastik* 1992; 44: 297-301.
- Preisler B. Swivelwalker. *Krankengymnastik* 1992; 44: 290-6.
- Rebiffé R. Le siège du Conducteur. Son adaptation aux exigences fonctionnelles et anthropométriques. In: Grandjean E. *Sitting Posture*; 132-47.
- Reddy NP et al. Interstitial fluid flow as a factor in decubitus ulcer formation. *J Biomechanics* 1981; 14: 879-81.
- Reswick JB, Rogers JE. Experience at Rancho Los Amigos hospital with devices and techniques to prevent pressure sores. In: Kenedi RM, Cowden JM, editors. *Bedsore Biomechanics*. London: The Macmillan Press; 1976.
- Rijken H et al. De waarde van de tredbandtraining voor neurologische revalidatie: enkele voorlopige opmerkingen. *Ned Tijd v Fysiotherapie* 2000; 100: 102-7.
- Roebroeck M, Rozendal R, Woude L van der. *Methodology of consumer evaluation of hand propelled wheelchairs*. EEC: COMAC-BME; 1989.
- Rose GK. The principles and practice of hip guidance articulations. *Prosthet Orthot Int* 1979; 3: 37-43.
- Rosenstein BD, Greene WB, Herrington RT et al. Bone density in myelomeningocele. The effect of ambulatory status and other factors. *Dev Med Child Neurol* 1987; 29: 486-94.
- Samuelsson KA, Tropp H, Nylander E, Gerdle B. The effect of rear-wheel position on seating ergonomics and mobility efficiency in wheelchair users with spinal cord injuries. A pilot study. *J Rehabil Res Dev* 2004; 41: 65-74.
- Schoberth H. *De juiste zithouding op het werk*. Köln: 1978.
- Solomonow M et al. The RGO generation II. Muscle stimulation powered orthosis as a practical walking system for thoracic paraplegics. *Orthopedics* 1989; 12: 1309-15.
- Sprigle S, Chung KC, Brubaker CE. Reduction of sitting pressures with custom contoured cushions *J Rehabil Res Dev* 1990; 27: 135-40.
- Sprigle S, Dunlop W, Press L. Reliability of bench tests of interface pressure. *Assist Technol* 2003; 15: 49-57
- Staarink HAM, Van Wijngaarden J, Tournier AG. *Ongepubliceerde data*. 1997, 1998.
- Staarink HAM. *Sitting posture, comfort and pressure, assessing the quality of wheelchair cushions*. Delft: University Press; 1995. Series Physical Ergonomics.

Handboek dwarslaesierevalidatie

- Stallard JS, Rose GK. The components of orthotic ambulation. *Journ of the British Inst of Surg Techn* 1981; 1: 44-52.
- Sykes L, Campbell IG, Powell ES et al. Energy expenditure of walking for adult patients with spinal cord lesions using the reciprocating gait orthosis and functional electrical stimulation. *Spinal Cord* 1996; 34: 659-65.
- Traut L. Gestaltung ergonomisch relevanter Konstruktionsparameter am Antriebsystem des Greifreifenrolstuhls -Teil 1-II. *Orthopädie Technik* 1989; 7: 394-9; 8: 456-60.
- Valent L, Dallmeijer A, Houdijk SJH, Woude L van der. The individual relationship between heart rate and oxygen uptake in people with a tetraplegia during exercise. *Spinal Cord* 2006. In press.
- Veeger HE, Rozendaal LA, Helm FC van der. Load on the shoulder in low intensity wheelchair propulsion. *Clin Biomech* (Bristol, Avon) 2002; 17: 211-8.
- Veeger HE, Woude LH van der, Rozendal RH. Effect of handrim velocity on mechanical efficiency in wheelchair propulsion. *Med Sci Sports Exerc* 1992; 24: 100-7.
- Verellen J, Theisen D, Vanlandewijck Y. Influence of crank rate in hand cycling. *Med Sci Sports Exerc* 2004; 36: 1826-31.
- Vogel LC, Lubicky JP. Ambulation with parapodia and reciprocating gait orthosis in pediatric spinal cord injury. *Dev Med Child Neurol* 1995; 37: 957-64.
- Vorsteveld JHC. *Functionele electrostimulatie. Basis cursusboek revalidatie geneeskunde 'Dwarslaesie-problematiek'*. 1989, 1992.
- Wei SH, Huang S, Jiang CJ, Chiu JC. Wrist kinematic characterization of wheelchair propulsion in various seating positions. Implication to wrist pain. *Clin Biomech* (Bristol, Avon) 2003; 18: S46-52.
- Wernig A, Nanassy A, Müller S. Laufband (Treadmill) therapy in incomplete paraplegia and tetraplegia. *J Neurotrauma* 1999;16: 719-24.
- Winchester PK et al. A comparison of paraplegic gait performance using two types of reciprocating gait orthoses. *Prosthet Orthot Int* 1993; 17: 101-6.
- Wotzka G et al. Investigations for the development of an auditorium seat In: Grandjean E, editor. *Sitting Posture*. London: Taylor & Francis Ltd; 1969.
- Woude LH van der, Bakker WH, Elkhuisen JW, Veeger HE, Gwinn T. Anaerobic work capacity in elite wheelchair athletes. *Am J Phys Med Rehabil* 1997; 76: 355-65.
- Woude LH van der, Bouten C, Veeger HE, Gwinn T. Aerobic work capacity in elite wheelchair athletes. A cross-sectional analysis. *Am J Phys Med Rehabil* 2002; 81: 261-71.
- Woude LH van der, Croonenborg JJ van, Wolff I, Dallmeijer AJ, Hollander AP. Physical work capacity after 7 wk of wheelchair training. Effect of intensity in able-bodied subjects. *Med Sci Sports Exerc* 1999; 31: 331-41.
- Woude LH van der, Dallmeijer AJ, Janssen TW, Veeger D. Alternative modes of manual wheelchair ambulation. An overview. *Am J Phys Med Rehabil* 2001; 80: 765-77.

Handboek dwarslaesierevalidatie

Woude LH van der, Formanoy M, Groot S de. Hand rim configuration. Effects on physical strain and technique in unimpaired subjects. *Med Eng Phys* 2003; 25: 765-74.

Woude LH van der, Geurts C, Winkelman H, Veeger HE. Measurement of wheelchair rolling resistance with a handle bar push technique. *J Med Eng Technol* 2003; 27: 249-58.

Woude LH van der, Veeger DJ, Rozendal RH, Sargeant TJ. Seat height in handrim wheelchair propulsion. *J Rehabil Res Dev* 1989; 26: 31-50.

Woude LH van der, Veeger HE, Dallmeijer AJ, Janssen TW, Rozendaal LA. Biomechanics and physiology in active manual wheelchair propulsion. *Med Eng Phys* 2001; 23: 713-33.

Woude LH van der, Veeger HE, Rozendaal RH, Koperdraat J, Drexhage D. Seat height in handrim wheelchair propulsion. A follow-up study. *J Rehab Sci* 1990; 3: 79-83.

Wu HW, Berglund LJ, Su FC, Yu B, Westreich A, Kim KJ et al. An instrumented wheel for kinetic analysis of wheelchair propulsion. *J Biomech Eng* 1998; 120: 533-5.