

All Publications

Total Cervical-Spine Fusion for Neck Paralysis

Perry, J., & Nickel, V. L. (1959). Total cervical-spine fusion for neck paralysis. *JBJS*, 41(1), 37-60.

Development of Useful Function in the Severely Paralyzed Hand

Nickel, V. L., Perry, J., & Garrett, A. L. (1963). Development of useful function in the severely paralyzed hand. *JBJS*, 45(5), 933-952.

Quadriceps Function: An anatomical And Mechanical Stud Using Amputated Limbs

Lieb, F. J., & Perry, J. A. C. Q. U. E. L. I. N. (1968). Quadriceps function: an anatomical and mechanical study using amputated limbs. *JBJS*, 50(8), 1535-1548.

Functional Ambulation in Patients with Myelomeningocele

HOFFER, M. M., Feiwell, E., Perry, R., Perry, J., & Bonnett, C. (1973). Functional ambulation in patients with myelomeningocele. *JBJS*, 55(1), 137-148.

Gait Analysis of the Triceps Surae in Cerebral Palsy: A Preoperative and Postoperative Clinical and Electromyographic Study

PERRY, J., HOFFER, M. M., Giovan, P. E. T. E. R., ANTONELLI, D., & GREENBERG, R. (1974). Gait analysis of the triceps surae in cerebral palsy: a preoperative and postoperative clinical and electromyographic study. *JBJS*, 56(3), 511-520.

Kinesiology of Lower Extremity Bracing

Perry, J. (1974). Kinesiology of lower extremity bracing. *Clinical Orthopaedics and Related Research (1976-2007)*, 102, 18-31.

The Split Anterior Tibial Tendon Transfer in the Treatment of Spastic Varus Hindfoot of Childhood

Hoffer, M. M., Reiswig, J. A., Garrett, A. M., & Perry, J. (1974). The split anterior tibial tendon transfer in the treatment of spastic varus hindfoot of childhood. *Orthopedic Clinics of North America*, 5(1), 31-38.

Analysis of Knee-Joint During Flexed-Knee Stance

Perry, J. A. C. Q. U. E. L. I. N., Antonelli, D. A. N. I. E. L., & Ford, W. I. L. L. I. A. M. (1975). Analysis of knee-joint forces during flexed-knee stance. *JBJS*, 57(7), 961-967.

Experimental Correction of Footdrop by Electrical Stimulation of the Peroneal Nerve

Waters, R. L., McNeal, D., & Perry, J. (1975). Experimental correction of footdrop by electrical stimulation of the peroneal nerve. *JBJS*, 57(8), 1047-1054.

Energy Cost of Walking Amputees: The Influence of Level of Amputation

Waters, R. L., Perry, J., Antonelli, D. A. N. I. E. L., & Hislop, H. (1976). Energy cost of walking of amputees: the influence of level of amputation. *JBJS*, 58(1), 42-46.

Pattern Recognition of Multiple EMG Signals Applied to the Description of Human Gait

Bekey, G. A., Chang, C. W., Perry, J., & Hoffer, M. M. (1977). Pattern recognition of multiple EMG signals applied to the description of human gait. *Proceedings of the IEEE*, 65(5), 674-681.

Preoperative and Postoperative Dynamic Electromyography as an Aid in Planning Tendon Transfers in Children with Cerebral Palsy

Perry, J., & Hoffer, M. M. (1977). Preoperative and postoperative dynamic electromyography as an aid in planning tendon transfers in children with cerebral palsy. *JBJS*, 59(4), 531-537.

Surgical Correction of Gait Abnormalities Following Stroke

WATERS, R. L., PERRY, J., & GARLAND, D. (1978). Surgical correction of gait abnormalities following stroke. *Clinical Orthopaedics and Related Research (1976-2007)*, 131, 54-63.

Electromyographic Analysis of Equinovarus Stroke

PERRY, J., WATERS, R. L., & PERRIN, T. (1978). Electromyographic analysis of equinovarus following stroke. *Clinical Orthopaedics and Related Research (1976-2007)*, 131, 47-53.

Footswitch Definition of Basic Gait Characteristics

Perry, J., Bontgrager, E., & Antonelli, D. (1979). Footswitch definition of basic gait characteristics. In *Disability: Proceedings of a seminar on rehabilitation of the disabled in relation to clinical and biomechanical aspects, costs and effectiveness, held at the University of Strathclyde, Glasgow, in August, 1978* (pp. 131-135). London: Palgrave Macmillan UK.

Footswitch Definition of Basic Gait Characteristics

Perry, J., Bontgrager, E., & Antonelli, D. (1979). Footswitch definition of basic gait characteristics. In *Disability: Proceedings of a seminar on rehabilitation of the disabled in relation to clinical and biomechanical aspects, costs and effectiveness, held at the University of Strathclyde, Glasgow, in August, 1978* (pp. 131-135). London: Palgrave Macmillan UK.

Dynamic Gait Electromyography Study in Duchenne Muscular Dystrophy (DMD) Patients*

Melkonian, G. J., Cristofaro, R. L., Perry, J., & Hsu, J. D. (1980). Dynamic Gait Electromyography Study in Duchenne Muscular Dystrophy (DMD) Patients*. *Foot & ankle, 1*(2), 78-83.

Functional Evaluation of the Pes Anserinus Transfer by Electromyography and Gait Analysis

Perry, J., Fox, J. M., Boitano, M. A., Skinner, S. R., Barnes, L. A., & Cerny, K. (1980). Functional evaluation of the pes anserinus transfer by electromyography and gait analysis. *JBJS, 62*(6), 973-980.

EMG-Force Relationships in Skeletal Muscle

Perry, J., & Bekey, G. A. (1981). EMG-force relationships in skeletal muscle. *Critical reviews in biomedical engineering, 7*(1), 1-22.

Electromyographic Gait Analysis Before and After Operative Treatment for Hemiplegic Equinus and Equinovarus Deformity

Waters, R. L., Frazier, J. O. H. N., Garland, D. E., Jordan, C. H. R. I. S. T. O. P. H. E. R., & Perry, J. (1982). Electromyographic gait analysis before and after operative treatment for hemiplegic equinus and equinovarus deformity. *JBJS, 64*(2), 284-288.

The Functional Cost of Dislocation Following Total Hip Arthroplasty

CHANDLER, R. W., DORR, L. D., & PERRY, J. (1982). The functional cost of dislocation following total hip arthroplasty. *Clinical Orthopaedics and Related Research (1976-2007), 168*, 168-172.

An Analysis of Posture and Gait Following Spinal fusion with Harrington Instrumentation

Wasylenko, M., SKINNER, S. R., Perry, J., & ANTONELLI, D. J. (1983). An analysis of posture and gait following spinal fusion with Harrington instrumentation. *Spine, 8*(8), 840-845.

An EMG Analysis of the Shoulder in Throwing and Pitching: A Preliminary Report

Jobe, F. W., Tibone, J. E., Perry, J., & Moynes, D. (1983). An EMG analysis of the shoulder in throwing and pitching: a preliminary report. *The American journal of sports medicine, 11*(1), 3-5.

Anatomy and Biomechanics of the Hindfoot

Perry, J. (1983). Anatomy and biomechanics of the hindfoot. *Clinical orthopaedics and related research, (177)*, 9-15.

Anatomy and Biomechanics of the Shoulder in Throwing, Swimming, Gymnastics, and Tennis

Perry, J. A. C. Q. U. E. L. I. N. (1983). Anatomy and biomechanics of the shoulder in throwing, swimming, gymnastics, and tennis. *Clinics in sports medicine, 2*(2), 247-270.

Comparative Cost of Walking Young and Old Adults

Waters, R. L., Hislop, H. J., Perry, J., Thomas, L., & Campbell, J. (1983). Comparative cost of walking in young and old adults. *Journal of Orthopaedic Research, 1*(1), 73-76.

Gait Abnormalities Arising from Latrogenic Loss of Lumbar Lordosis Secondary to Harrington Instrumentation in Lumbar Fractures

HASDAY, C. A., PASSOFF, T. L., & Perry, J. (1983). Gait abnormalities arising from latrogenic loss of lumbar lordosis secondary to Harrington instrumentation in lumbar fractures. *Spine*, 8(5), 501-511.

Gait and Functional Analysis of Patients Following Patellectomy

Hill, J. A., Moynes, D. R., Yocum, L. A., Perry, J., & Jobe, F. W. (1983). Gait and functional analysis of patients following patellectomy. *Orthopedics*, 6(6), 724-728.

Lower Extremity Electromyographic Analysis of Running Gait

SCHWAB, G. H., MOYNES, D. R., Jobe, W., & Perry, J. (1983). Lower extremity electromyographic analysis of running gait. *Clinical Orthopaedics and Related Research (1976-2007)*, 176, 166-170.

Pathodynamics of Gait Alterations in Cerebral Palsy and the Significance of Kinetic Electromyography in Evaluating Foot and Ankle Problems

Hoffer, M. M., & Perry, J. (1983). Pathodynamics of gait alterations in cerebral palsy and the significance of kinetic electromyography in evaluating foot and ankle problems. *Foot & Ankle*, 4(3), 128-134.

Timing and Relative Intensity of Hip Extensor and Abductor Muscle Action During Level and Stair Ambulation: An EMG Study

Lyons, K., Perry, J., Gronley, J. K., Barnes, L., & Antonelli, D. (1983). Timing and relative intensity of hip extensor and abductor muscle action during level and stair ambulation: an EMG study. *Physical therapy*, 63(10), 1597-1605.

An EMG Analysis of the shoulder in Pitching: A Second Reports

Jobe, F. W., Moynes, D. R., Tibone, J. E., & Perry, J. (1984). An EMG analysis of the shoulder in pitching: a second report. *The American journal of sports medicine*, 12(3), 218-220.

Ankle and Subtalar Motion During Gait in Arthritic Patients

Locke, M., Perry, J., Campbell, J., & Thomas, L. (1984). Ankle and subtalar motion during gait in arthritic patients. *Physical therapy*, 64(4), 504-509.

Factors Affecting Balance and Ambulation Following Stroke

Keenan, M. A., J. A. C. Q. U. E. L. I. N. Perry, and C. H. R. I. S. T. O. P. H. E. R. Jordan. "Factors affecting balance and ambulation following stroke." *Clinical orthopaedics and related research* 182 (1984): 165-171.

Rate and Range of Knee Motion During Ambulation in Healthy and Arthritic Subjects

Brinkmann, J. R., & Perry, J. (1985). Rate and range of knee motion during ambulation in healthy and arthritic subjects. *Physical therapy*, 65(7), 1055-1060.

Walking Patterns of Healthy Subjects Wearing Rocker Shoes

Peterson, M. J., Perry, J., & Montgomery, J. (1985). Walking patterns of healthy subjects wearing rocker shoes. *Physical Therapy*, 65(10), 1483-1489.

Predictive Value of Manual Muscle Testing and Gait Analysis in Normal Ankles by Dynamic Electromyography

Perry, J., Ireland, M. L., Gronley, J., & Hoffer, M. M. (1986). Predictive value of manual muscle testing and gait analysis in normal ankles by dynamic electromyography. *Foot & ankle*, 6(5), 254-259.

Resection Arthroplasty Following Infected Total Hip Replacement Arthroplasty

Kantor, G. S., Osterkamp, J. A., Dorr, L. D., Perry, J., & Conaty, J. P. (1986). Resection arthroplasty following infected total hip replacement arthroplasty. *The Journal of Arthroplasty*, 1(2), 83-89.

A Comparative Electromyographic Analysis of the Shoulder During Pitching: Professional Versus Amateur Pitchers

Gowan, I. D., Jobe, F. W., Tibone, J. E., Perry, J., & Moynes, D. R. (1987). A comparative electromyographic analysis of the shoulder during pitching: professional versus amateur pitchers. *The American journal of sports medicine*, 15(6), 586-590.

Distal Rectus Femoris Transfer

Perry, J. (1987). Distal rectus femoris transfer. *Developmental Medicine & Child Neurology*, 29(2), 153-158.

Energy Cost of Three-Point Crutch Ambulation in Fracture Patients

Waters, R. L., Campbell, J., & Perry, J. (1987). Energy cost of three-point crutch ambulation in fracture patients. *Journal of orthopaedic trauma*, 1(2), 170-173.

Lisfranc Fracture-Dislocations of the Foot: A Clinical-Kinesiology Study

Wiss, D. A., Kull, D. M., & Perry, J. (1987). Lisfranc fracture-dislocations of the foot: a clinical-kinesiological study. *Journal of orthopaedic trauma*, 1(4), 267-274.

Rectus Femoris Transfer to Improve Knee Function of Children with Cerebral Palsy

Gage, J. R., Perry, J., Hicks, R. R., Koop, S., & Werntz, J. R. (1987). Rectus femoris transfer to improve knee function of children with cerebral palsy. *Developmental Medicine & Child Neurology*, 29(2), 159-166.

Energy-Speed Relationship of Walking: Standard Tables

Waters, R. L., Lunsford, B. R., Perry, J., & Byrd, R. (1988). Energy-speed relationship of walking: standard tables. *Journal of Orthopaedic Research*, 6(2), 215-222.

Functional Analysis of Untreated and Reconstructed Posterior Cruciate Ligament Injuries

Tibone, J. E., Antich, T. J., Perry, J., & Moynes, D. (1988). Functional analysis of untreated and reconstructed posterior cruciate ligament injuries. *The American Journal of Sports Medicine*, 16(3), 217-223.

Functional Comparison of Posterior Cruciate Retained Versus Cruciate-Sacrificed Total Knee Arthroplasty

Dorr, L. D., Ochsner, J. L., Gronley, J. O., & Perry, J. (1988). Functional Comparison of Posterior Cruciate Retained versus Cruciate-Sacrificed Total Knee Arthroplasty. *Clinical Orthopaedics and Related Research (1976-2007)*, 236, 36-43.

Functional Recovery: A Major Risk Factor for the Development of Postpoliomyelitis Muscular Atrophy

Klingman, J., Chui, H., Corgiat, M., & Perry, J. (1988). Functional recovery: a major risk factor for the development of postpoliomyelitis muscular atrophy. *Archives of neurology*, 45(6), 645-647.

Dynamic EMG Analysis of Torque Transfer in Professional Baseball Pitchers

Watkins, R. G., Dennis, S. T. E. V. E. N., Dillin, W. H., Schnebel, B. R. O. C. K., Schneiderman, G. A. R. Y., Jobe, F. R. A. N. K., ... & Pink, M. A. R. I. L. Y. N. (1989). Dynamic EMG analysis of torque transfer in professional baseball pitchers. *Spine*, 14(4), 404-408.

Pelvic Exercise and Gait in Hemiplegia

Trueblood, P. R., Walker, J. M., Perry, J., & Gronley, J. K. (1989). Pelvic exercise and gait in hemiplegia. *Physical Therapy*, 69(1), 18-26.

The Effect of the CAT-CAM Above-Knee Prosthesis on Functional Rehabilitation

Flandry, F., BESKIN, J., CHAMBERS, R. B., PERRY, J., WATERS, R. L., & CHAVEZ, R. (1989). The effect of the CAT-CAM above-knee prosthesis on functional rehabilitation. *Clinical Orthopaedics and Related Research*, 239, 249-262.

Below-Knee Amputee Gait with Dynamic Elastic Response Prosthetic Feet: A Pilot Study

Torburn, L., Perry, J., Ayyappa, E., & Shanfield, S. L. (1990). Below-knee amputee gait with dynamic elastic response prosthetic feet: a pilot study. *J Rehabil Res Dev*, 27(4), 369-84.

Effect of an Unrestricted Knee-Ankle-Foot Orthosis on the Stance Phase of Gait in Healthy Persons

Cerny, K., Perry, J., & Walker, J. M. (1990). Effect of an unrestricted knee-ankle-foot orthosis on the stance phase of gait in healthy persons. *Orthopedics*, 13(10), 1121-1127.

GAIT-ER-AID: An Expert System for Analysis of Gait with Automatic Intelligent Pre-Processing of Data

Bontrager, E. L., Perry, J., Bogey, R., Gronley, J., Barnes, L., Bekey, G., & Kim, J. W. (1990, November). GAIT-ER-AID: An expert system for analysis of gait with automatic intelligent pre-processing of data. In *Proceedings of the Annual Symposium on Computer Application in Medical Care* (p. 625). American Medical Informatics Association.

Instrumented Gait Analysis After Selective Dorsal Rhizotomy

Cahan, L. D., Adams, J. M., Perry, J., & Beeler, L. M. (1990). Instrumented gait analysis after selective dorsal rhizotomy. *Developmental Medicine & Child Neurology*, 32(12), 1037-1043.

Electromyographic Analysis of the Glenohumeral Muscles During a Baseball Rehabilitation Program

Townsend, H., Jobe, F. W., Pink, M., & Perry, J. (1991). Electromyographic analysis of the glenohumeral muscles during a baseball rehabilitation program. *The American journal of sports medicine*, 19(3), 264-272.

The Normal Shoulder During Freestyle Swimming: An Electromyographic and Cinematographic Analysis of Twelve Muscles

Pink, M., Perry, J., Browne, A., Scovazzo, M. L., & Kerrigan, J. (1991). The normal shoulder during freestyle swimming: an electromyographic and cinematographic analysis of twelve muscles. *The American Journal of Sports Medicine*, 19(6), 569-576.

An Electromyographic Analysis of the Elbow in Normal and Injured Pitchers with Medial Collateral Ligament Insufficiency

Glousman, R. E., Barron, J., Jobe, F. W., Perry, J., & Pink, M. (1992). An electromyographic analysis of the elbow in normal and injured pitchers with medial collateral ligament insufficiency. *The American journal of sports medicine*, 20(3), 311-317.

An Electromyographic Analysis of the Upper Extremity in Pitching

DiGiovine, N. M., Jobe, F. W., Pink, M., & Perry, J. (1992). An electromyographic analysis of the upper extremity in pitching. *Journal of shoulder and elbow surgery*, 1(1), 15-25.

Computer Algorithms to Characterize Individual Subject EMG Profiles During Gait

Bogey, R. A., Barnes, L. A., & Perry, J. (1992). Computer algorithms to characterize individual subject EMG profiles during gait. *Archives of Physical Medicine and Rehabilitation*, 73(9), 835-841.

EMG Analysis of the Scapular Muscles During a Shoulder Rehabilitation Program

Moseley JR, J. B., Jobe, F. W., Pink, M., Perry, J., & Tibone, J. (1992). EMG analysis of the scapular muscles during a shoulder rehabilitation program. *The American journal of sports medicine*, 20(2), 128-134.

GAIT-ER-AID: An Expert System for Diagnosis of Human Gait

Bekey, G. A., Joung-woo, J. K., Gronley, J. K., Bontrager, E. L., & Perry, J. (1992). GAIT-ER-AID: An expert system for diagnosis of human gait. *Artificial Intelligence in Medicine*, 4(4), 293-308.

Determinants of Muscle Function in the Spastic Lower Extremity

Perry, J. (1993). Determinants of muscle function in the spastic lower extremity. *Clinical Orthopaedics and Related Research* (1976-2007), 288, 10-26.

Functional Recovery of Noncemented Total Hip Arthroplasty

Long, W. T., Dorr, L. D., Healy, B., & Perry, J. (1993). Functional recovery of noncemented total hip arthroplasty. *Clinical orthopaedics and related research*, (288), 73-77.

The Rancho EMG Analyzer: A Computerized System for Gait Analysis

Perry, J., Bontrager, E. L., Bogen, R. A., Gronley, J. K., & Barnes, L. A. (1993). The Rancho EMG analyzer: a computerized system for gait analysis. *Journal of biomedical engineering*, 15(6), 487-496.

The Relationship of Lower Extremity Strength and Gait Parameters in Patients with Post-Polio Syndrome

Perry, J., Mulroy, S. J., & Renwick, S. E. (1993). The relationship of lower extremity strength and gait parameters in patients with post-polio syndrome. *Archives of physical medicine and rehabilitation*, 74(2), 165-169.

An Electromyographic Analysis of the Knee During Functional Activities: I. The Normal Profile.

Ciccotti, M. G., Kerlan, R. K., Perry, J., & Pink, M. (1994). An electromyographic analysis of the knee during functional activities: I. The normal profile. *The American journal of sports medicine*, 22(5), 645-650.

Electromyographic Analysis of Hip and Knee Musculature During Running

Montgomery III, W. H., Pink, M., & Perry, J. (1994). Electromyographic analysis of hip and knee musculature during running. *The American journal of sports medicine*, 22(2), 272-278.

Influence of Prosthetic Foot Design on Sound Limb Loading in Adults with Unilateral Below-Knee Amputations

Powers, C. M., Torburn, L., Perry, J., & Ayyappa, E. (1994). Influence of prosthetic foot design on sound limb loading in adults with unilateral below-knee amputations. *Archives of physical medicine and rehabilitation*, 75(7), 825-829.

Classification of Walking Handicap in the Stroke Population

Perry, J., Garrett, M., Gronley, J. K., & Mulroy, S. J. (1995). Classification of walking handicap in the stroke population. *Stroke*, 26(6), 982-989.

Electromyographic Analysis of Shoulder Muscles of Men with Low-Level Paraplegia During a Weight Relief Raise

Reyes, M. L., Gronley, J. K., Newsam, C. J., Mulroy, S. J., & Perry, J. (1995). Electromyographic analysis of shoulder muscles of men with low-level paraplegia during a weight relief raise. *Archives of Physical Medicine and Rehabilitation*, 76(5), 433-439.

Energy Expenditure During Ambulation in Dysvascular and Traumatic Below-Knee Amputees: A Comparison of Five Prosthetic Feet

Torburn, L., Powers, C. M., Guitierrez, R., & Perry, J. (1995). Energy expenditure during ambulation in dysvascular and traumatic below-knee amputees: a comparison of five prosthetic feet. *Journal of rehabilitation research and development*, 32, 111-111.

Findings in Post-Poliomyelitis Syndrome. Weakness of Muscles of the Calf as a Source of Late Pain and Fatigue of Muscles of the thigh After Poliomyelitis

Perry, J., Fontaine, J. D., & Mulroy, S. (1995). Findings in post-poliomyelitis syndrome. Weakness of muscles of the calf as a source of late pain and fatigue of muscles of the thigh after poliomyelitis. *JBJS*, 77(8), 1148-1153.

Functional Anatomy of the Flexor Pronator Muscle Group in Relation to the Medial Collateral Ligament of the Elbow

Davidson, P. A., Pink, M., Perry, J., & Jobe, F. W. (1995). Functional anatomy of the flexor pronator muscle group in relation to the medial collateral ligament of the elbow. *The American journal of sports medicine*, 23(2), 245-250.

The Effect of Five Prosthetic Feet on the Gait and Loading of the Sound Limb in Dysvascular Below-Knee Amputees

Snyder, R. D., Powers, C. M., Fountain, C., & Perry, J. (1995). The effect of five prosthetic feet on the gait and loading of the sound limb in dysvascular below-knee amputees. *Journal of rehabilitation research and development*, 32, 309-315.

The Standing Heel-Rise Test for Ankle Plantar Flexion: Criterion for Normal

Lunsford, B. R., & Perry, J. (1995). The standing heel-rise test for ankle plantar flexion: criterion for normal. *Physical therapy*, 75(8), 694-698.

Concurrent Validity of Observational Gait Analysis Using the Vicon Motion Analysis

Greenberg, M. B., Gronley, J. A., Perry, J., & Lewthwaite, R. (1996). Concurrent validity of observational gait analysis using the vicon motion analysis system. *Gait & Posture*, 2(4), 167-168.

Dynamic Electromyographic Analysis of Trunk Musculature in Professional Golfers

Watkins, R. G., Uppal, G. S., Perry, J., Pink, M., & Dinsay, J. M. (1996). Dynamic electromyographic analysis of trunk musculature in professional golfers. *The American journal of sports medicine*, 24(4), 535-538.

Electromyographic Activity of Shoulder Muscles During Wheelchair Propulsion by Paraplegic Persons

Mulroy, S. J., Gronley, J. K., Newsam, C. J., & Perry, J. (1996). Electromyographic activity of shoulder muscles during wheelchair propulsion by paraplegic persons. *Archives of physical medicine and rehabilitation*, 77(2), 187-193.

Electromyographic Analysis of the Shoulder Muscles During Depression Transfers in Subjects with Low-Level Paraplegia

Perry, J., Gronley, J. K., Newsam, C. J., Reyes, M. L., & Mulroy, S. J. (1996). Electromyographic analysis of the shoulder muscles during depression transfers in subjects with low-level paraplegia. *Archives of physical medicine and rehabilitation*, 77(4), 350-355.

Temporal-Spatial Characteristics of Wheelchair Propulsion: Effects of Level of Spinal Cord Injury, Terrain, and Propulsion Rate: 1

Newsam, C. J., Mulroy, S. J., Gronley, J. K., Bontrager, E. L., & Perry, J. (1996). TEMPORAL-SPATIAL CHARACTERISTICS OF WHEELCHAIR PROPULSION: Effects of Level of Spinal Cord Injury, Terrain, and Propulsion Rate: 1. *American journal of physical medicine & rehabilitation*, 75(4), 292-299.

The Influence of Lower Extremity Muscle Force on Gait Characteristics in Individuals with Below-Knee Amputations Secondary to Vascular Disease

Powers, C. M., Boyd, L. A., Fontaine, C. A., & Perry, J. (1996). The influence of lower-extremity muscle force on gait characteristics in individuals with below-knee amputations secondary to vascular disease. *Physical therapy*, 76(4), 369-377.

Tibialis Anterior Transfer for Calcaneal Deformity: A Postoperative Gait Analysis

Stott, N. S., Zionts, L. E., Gronley, J. K., & Perry, J. (1996). Tibialis anterior transfer for calcaneal deformity: a postoperative gait analysis. *Journal of Pediatric Orthopaedics*, 16(6), 792-798.

Timing and Intensity of Vastus Muscle Activity During Functional Activities in Subjects With and Without Patellofemoral Pain

Powers, C. M., Landel, R., & Perry, J. (1996). Timing and intensity of vastus muscle activity during functional activities in subjects with and without patellofemoral pain. *Physical therapy*, 76(9), 946-955.

Are Patellofemoral Pain and Quadriceps Femoris Muscle Torque Associated with Locomotor Function?

Powers, C. M., Perry, J., Hsu, A., & Hislop, H. J. (1997). Are patellofemoral pain and quadriceps femoris muscle torque associated with locomotor function?. *Physical Therapy*, 77(10), 1063-1075.

Determination of Novel Pedar Masks Using Harris Mat Imprints

Bontrager, E. L., Boyd, L. A., Heino, J. G., Mulroy, S. J., & Perry, J. (1997). Determination of novel pedar masks using harris mat imprints. *Gait & Posture*, 2(5), 167-168.

Human Lumbosacral Spinal Cord Interprets Loading During Stepping

Harkema, S. J., Hurley, S. L., Patel, U. K., Requejo, P. S., Dobkin, B. H., & Edgerton, V. R. (1997). Human lumbosacral spinal cord interprets loading during stepping. *Journal of neurophysiology*, 77(2), 797-811.

Lower Extremity Strength and Gait Performance in the Acute Stroke Patient

Gronley, J. K., Mulroy, S. J., Newsam, C. J., & Perry, J. (1997). Lower extremity strength and gait performance in the acute stroke patient. *Gait & Posture*, 2(5), 159.

Muscle Strength and Proprioception in Ambulatory and Non-Ambulatory Incomplete Spinal-Injured Patients

Kubota, K. L., Furumasu, J., & Mulroy, S. J. (1997). Muscle Strength and Proprioception in Ambulatory and Non-Ambulatory Incomplete Spinal-Injured Patients. *Journal of Neurologic Physical Therapy*, 21(5), 164.

Prosthetic Weight Acceptance Mechanics in Transtibial Amputees Wearing the Single Axis, Seattle Lite, and Flex Foot

Perry, J., Boyd, L. A., Rao, S. S., & Mulroy, S. J. (1997). Prosthetic weight acceptance mechanics in transtibial amputees wearing the Single Axis, Seattle Lite, and Flex Foot. *IEEE transactions on rehabilitation engineering*, 5(4), 283-289.

Stair Ambulation in Persons with Transtibial Amputation: An Analysis of the Seattle LightFoot [TM]

Powers, C. M., Boyd, L. A., Torburn, L., & Perry, J. (1997). Stair ambulation in persons with transtibial amputation: An analysis of the Seattle LightFoot [TM]. *Journal of rehabilitation research and development*, 34, 9-18.

The Ability of Male and Female Clinicians to Effectively Test Knee Extension Strength Using Muscle Testing

Mulroy, S. J., Lassen, K. D., Chambers, S. H., & Perry, J. (1997). The ability of male and female clinicians to effectively test knee extension strength using manual muscle testing. *Journal of Orthopaedic & Sports Physical Therapy*, 26(4), 192-199.

The Effects of Patellar Taping on Stride Characteristics and Joint Motion in Subjects with Patellofemoral Pain

Powers, C. M., Landel, R., Sosnick, T., Kirby, J., Mengel, K., Cheney, A., & Perry, J. (1997). The effects of patellar taping on stride characteristics and joint motion in subjects with patellofemoral pain. *Journal of Orthopaedic & Sports Physical Therapy*, 26(6), 286-291.

The Reliability and Validity of the Novel Pedar System of In-Shoe Pressure Measurement During Free Ambulation

Boyd, L. A., Bontrager, E. L., Mulroy, S. J., & Perry, J. (1997). The reliability and validity of the novel Pedar system of in-shoe pressure measurement during free ambulation. *Gait & Posture*, 2(5), 165.

Assessment of Rearfoot Motion: Passive Positioning, One-Legged Standing, Gait

Torburn, L., Perry, J., & Gronley, J. K. (1998). Assessment of rearfoot motion: passive positioning, one-legged standing, gait. *Foot & ankle international*, 19(10), 688-693.

Knee Kinetics in Trans-Tibial Amputee Gait

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