



## **MEDICAL BIBLIOGRAPHY**

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**Topic**  
**In-Shoe Plantar  
 Pressure & Gait  
 Analysis**

| <b>No.</b> | <b>Paper</b>   |
|------------|--|
| 1617       | Son, S., Lee, J., Cha, Y. (2014). Comparison of the plantar pressure distributions at different degrees of tilting: A preliminary report. <i>Journal of Physical Therapy Science</i> . 26 (3), 401-403.  |
| 1582       | Luximon, Y., Cong, Y., Luximon, A., & Zhang, M. (2015). Effects of heel base size, walking speed, and slope angle on center of pressure trajectory and plantar pressure when wearing high-heeled shoes. <i>Human Movement Science</i> , 41, 307-319.   |
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| 1437       | Udovichenko, O., Gorohov, S., Ulianova, I., Ermolaeva, O., Berseneva, E., Galstyan, G. (2013). Total-contact cast efficacy in diabetic foot ulcers: Clinical and pedographic points of view. <i>The Diabetic Foot Journal</i> , 16(3), 115-121.  |
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| 1419       | Fang, F., Wang, Y., Gu, M., Chen, H., Wang, D., Xiao, K., Yan, S., Yao, L., Li, N., Zhen, Q., & Peng, Y. (2013). Pedobarography - a novel screening tool for diabetic peripheral neuropathy? <i>European Review for Medical and Pharmacological Science</i> , 17(23), 3206-3212.   |
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| 1235       | Jan, Y., Lung, C., Cuaderes, E., Rong, D. and Boyce, K. (2013). Effect of viscoelastic properties of plantar soft tissues on plantar pressures at the first metatarsal head in diabetics with peripheral neuropathy. <i>Physiological Measurement</i> , 34(1), 53-66.  |
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| 1043       | Martin, A. (2011). Step by step. <i>O&amp;P Almanac</i> , 20-27.   |
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**Topic**  
**In-Shoe Plantar**  
**Pressure & Gait**  
**Analysis**

| <b>No.</b> | <b>Paper</b>   |
|------------|--|
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| 722        | Williams, B. (2007). High-tech evaluation of the athlete. <i>Podiatry Management</i> , 67-74.  |
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**Pressure & Gait**  
**Analysis**

| <b>No.</b> | <b>Paper</b>  |
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| 207        | Veves, A., & Donaghue, V. Pressure assessment methods in the foot, 1-32.  |



**Topic**  
**In-Shoe Plantar**  
**Pressure & Gait**  
**Analysis**

| <b>No.</b> | <b>Paper</b>   |
|------------|--|
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**Topic**  
**In-Shoe Plantar  
 Pressure & Gait  
 Analysis**

| <b>No.</b> | <b>Paper</b>   |
|------------|--|
| 31         | D'Amico, J. (1998). The F-Scan system with EDG module for gait analysis in the pediatric patient. <i>Journal of the American Podiatric Medical Association</i> , 88(4) 166-175.  |
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| 714        | Ostermeier, S., Fobbe, A., Krakow, N., Hurschler, C., & Stukenborg-Colsman, C. (2007). <i>Dynamic in-vitro measurement of tibiofemoral contact point after posterior cruciate retaining and substituting total knee arthroplasty</i> . Poster presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA. |
| 710        | Fitzpatrick, M., Udall, J., McGarry, M., Leba, T., & Lee, T. (2007). <i>Medial ulnar collateral ligament Injuries of the elbow: A comparison on stretching and cutting models</i> . Paper presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.   |
| 709        | Hansen, M., Glousman, R., Hosseinzadeh, P., Kornswiet, M., McGarry, M., Tibone, J., & Lee, T. (2007). <i>Glenohumeral joint contact characteristics in abduction and forward flexion</i> . Paper presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.  |
| 706        | Ogden, S., Mukherjee, D., Keating, E., Odgen, A., Robinson, E., & McCall, R. (2007). <i>Load distribution in knees after opening of closing wedge high tibial osteotomy</i> . Poster presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.  |
| 705        | Ostermeier, S., Holst, M., Hurschler, C., Bohnsack, M., & Stukenborg-Colsman, C. (2007). <i>Dynamic in-vitro measurement of patellofemoral pressure after lateral retinacular release</i> . Poster presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.  |
| 704        | Cottrell, J., Scholten, P., Kadrmas, W., Peterson, M., Warren, R., Wright, T., & Maher, S. (2007). <i>Dynamic contact mechanics of intact, meniscectomized, and allograft implanted knees - A preclinical experimental model</i> . Paper presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.      |

**Joint Research**



| <b>No.</b> | <b>Paper</b>  |
|------------|---|
| 703        | James, K., Lintner, D., Yeh, M., Luo, Z., Lazar, D., & Noble, P. (2007). <i>Contact pressure changes at osteochondral graft donor sites following graft harvesting: A predictor of postoperative donor site morbidity</i> . Poster presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.   |
| 702        | McKinley, T., Tochigi, Y., Rudert, M., & Brown, T. (2007). <i>The effect of instability on contact stress and contact rates in cadaveric ankles</i> . Poster presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.   |
| 700        | Hansen, M., Glousman, R., Hosseinzadeh, P., Kornswiet, M., McGarry, M., Tibone, J., & Lee, T. (2007). <i>The effect of rotator cuff tear and repair site on glenohumeral joint contact</i> . Paper presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.   |
| 698        | Shani, R., Dewan, A., Kulkarni, N., Ismaily, S., Conditt, M., & Noble, P. (2007). <i>What are the contact stresses in the knee in deep flexion?</i> Paper presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.  |
| 696        | Reese, K., Leba, T., McGarry, M., Ross, S., & Lee, T. Q. (2007). <i>Biomechanical effects of graft shape for lateral column lengthening</i> . Paper presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.  |
| 688        | McKinley, T., Rudert, J., Koos, D., Tochigi, Y., Baer, T., & Brown, T. (2004). Pathomechanic determinants of posttraumatic arthritis. <i>Clinical Orthopaedics and Related Research</i> , 427S, S78-S88.  |
| 677        | Agneskirchner, J., Hurschler, C., Stukenborg-Colsman, C., Imhoff, A., & Lobenhoffer, P. (2004). Effect of high tibial flexion osteotomy on cartilage pressure and joint kinematics: A biomechanical study in human cadaveric knees. <i>Arch Orthop Trauma Surg</i> , 124, 575-584.  |
| 667        | Beck, P., Thomas, A., Farr, J., Lewis, P., & Cole, B. (2005). Trochlear contact pressures after anteromedialization of the tibial tubercle. <i>American Journal of Sports Medicine</i> , 33(11), 1710 - 1715.   |
| 648        | Brimacombe, J., Anglin, C., Hodgson, A., & Wilson, D. (2005). <i>Validation of calibration techniques for Tekscan pressure sensors</i> . Paper presented at the ISB XXth Congress - ASB 29th Annual Meeting, Cleveland, OH.   |
| 620        | Anderson, I., MacDiarmid, A., Harris, M., Gillies, R., Phelps, R., & Walsh, W. (2003). A novel method for measuring medial compartment pressures within the knee joint in-vivo. <i>Journal of Biomechanics</i> , 36(9), 1391-1395.  |
| 613        | von Lewinski, G. (2004). <i>Effect of pre-tensioning of meniscal transplants on the tibiofemoral contact area</i> . Paper presented at the 50th Annual Meeting of the Orthopaedic Research Society, San Francisco, CA.  |
| 609        | Papaioannou, G., Demetropoulous, C., Guettler, J., Jurist, K., Fyhrie, D., Tashman, S., & Yang, K. (2004). <i>Osteochondral defects in the human knee with evaluation of defect size on cartilage rim stress: In-situ study for finite element model validation</i> . Poster presented at the 50th Annual Meeting of the Orthopaedic Research Society, San Francisco, CA. |
| 608        | Papaioannou, G., Yang, K., Fyhrie, D., & Tashman, S. (2004). <i>Validation of a subject specific finite element model of the human knee developed for in-vivo tibio-femoral contact analysis</i> . Poster presented at the 50th Annual Meeting of the Orthopaedic Research Society, San Francisco, CA.  |
| 582        | Agins, H., Harder, V., Lautenschlager, E., & Kudrna, J. (2003). Effects of sterilization on the Tekscan digital pressure sensor. <i>Medical Engineering &amp; Physics</i> , 1-6.  |
| 576        | Blakemore, D., Allard, R., & Levine, D. (2000). Contact area and stress measurement utilizing Tekscan for a sublexed glenoid component under simulated loading conditions. <i>Biomaterials</i> .  |
| 547        | U.S.-Russian partnership in prosthetics and rehabilitation. (2002). <i>O &amp; P World</i> , 2(4).  |
| 514        | Thambyah, A., Goh, J., & Das De, S. (2002). <i>Are the articular contact stresses in the knee joint during deep flexion critical?</i> . Paper presented at the IV World Congress of Biomechanics, Calgary, AB.  |
| 494        | Blakemore, D., & Levine, D. (2000). <i>Comparison of methods to measure contact stresses in UHMWPE</i> . Paper presented at the SEM Conference.   |
| 491        | Kirking, B., Conditt, M., & Parduhn, C. (2002). <i>Validation of knee insert stress during virtual testing</i> . Poster presented at the 48th Annual Meeting of the Orthopaedic Research Society, Dallas, TX.   |
| 488        | Conditt, M., Ismaily, S., Merves, M., Alexander, J., Bartz, R., & Lionberger, D. (2002). <i>Effect of notchplasty size on tibiofemoral contact area</i> . Paper presented at the 48th Annual Meeting, Orthopaedic Research Society, Dallas, TX.   |
| 426        | Davitt, J., Beals, T., & Bachus, K. (2001). The effects of medial and lateral displacement calcaneal osteotomies on ankle and subtalar joint pressure distribution. <i>Foot &amp; Ankle International</i> , 22(11), 885-889.  |
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| 255        | Wallace, A., Harris, M., Walsh, W., & Bruce, W. (1998). Intraoperative assessment of tibiofemoral contact stresses in total knee arthroplasty. <i>The Journal of Arthroplasty</i> , 13(8), 923-927.   |

| <b>No.</b> | <b>Paper</b>   |
|------------|--|
| 193        | Bachus, K., Brodke, D., Gollogly, S., & Mohr, R. (2000). <i>Dynamic cervical plates: Does load sharing cause instability</i> . Poster session presented at the 46th Annual Meeting, Orthopaedic Research Society, Orlando, FL.   |
| 191        | DeMarco, A., Rust, D. & Bachus, K. (2000). <i>Measuring contact pressure and contact area in orthopedic applications: Fuji Film vs Tekscan</i> . Paper presented at the Orthopaedic Research Society 46th Annual Meeting, Orlando, FL.   |
| 161        | Harris, M., Morberg, P., Bruce, W., & Walsh, W. (1999). An improved method for measuring tibiofemoral contact areas in total knee arthroplasty: A comparison of K-Scan sensor and Fuji Film. <i>Journal of Biomechanics</i> , 32, 951-958.   |
| 153        | Rulkoetter, P., Gabriel, S., Colleran, D., & Zalenski, E. (1999). <i>The relationship between contact stress and contact area with implications for TKR evaluation and design</i> . 45th Annual Meeting, Orthopaedic Research Society, Anaheim, CA.                                  |
| 152        | Otto, J., Brown, R., Heiner, A., & Callaghan, J. (1999). <i>Heredity integral drift compensation in piezoresistive contact stress sensors</i> . Paper presented at the 45th Annual Meeting, Orthopaedic Research Society, Anaheim, CA.   |
| 135        | Kirstukas, S. <i>Accuracy of Tekscan I-Scan force measurements in repeated deforming use</i> . Research Department, National College of Chiropractic, IL.  |
| 133        | Wilson, D., Eichler, M. & Hayes, W. (1998). <i>Accuracy of the I-scan pressure measurement system</i> . Paper presented at the 44th Annual Meeting, Research Society, New Orleans, LA.   |
| 132        | Werner, F., Green, J., Fortino, M., Mann, K., & Short, W. (1995). <i>Evaluation of a dynamic intra-articular contact pressure sensing system</i> . Paper presented at the 41st Annual Meeting, Orthopaedic Research Society, Orlando, FL.  |
| 115        | Pavlovic, J., Takahashi, Y., Bechtold, J., Gustilo, R., & Kyle, R. (1991). <i>Can the Tekscan sensor accurately measure dynamic pressures in the knee joint?</i> Paper presented at the 17th Annual Meeting, American Society of Biomechanics, Iowa City, IA.                        |
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| 113        | Ochoa, J., Sommerich, R. & Zalenski, E. (1993). <i>Application of an innovative experimental method to characterize contact mechanics of total joint replacements</i> . Paper presented at the 9th Annual Meeting, Orthopaedic Research Society, San Francisco, CA.                  |
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| 82         | Cooper, P., Nowak, M. & Shaer, J. (1997). Calcaneocuboid joint pressure with lateral column lengthening (Evans) procedure. <i>Foot &amp; Ankle International</i> , 18(4), 199-205.   |
| 76         | Caputo, A., Mazzocca, A. & Nowak, M. (1998). <i>Joint contact patterns of the radiocapitellar joint with forearm rotation in a cadaveric model</i> . Paper presented at the 44th Annual Meeting, Orthopaedic Research Society, New Orleans, LA.                                      |
| 75         | Booth, R., Sutton, D., & Hershberger, T. (1994). <i>Computerized bio-sensor analysis of total knee arthroplasty</i> . Paper presented at The Knee Society Scientific Meeting, New Orleans, LA.   |
| 17         | Mag, S. (1994). Sensor measures forces in knee implants. <i>Design News, Engineering News</i> , 222, 55.   |



**Topic**  
**Platform Based**  
**Plantar Pressure &**  
**Gait Analysis**

| <b>No.</b> | <b>Paper</b>   |
|------------|--|
| 1618       | Tomanova, M., Lippert-Gruner, M., & Lhotska, L. (2015). Specific rehabilitation exercise for the treatment of patients with chronic low back pain. <i>Journal of Physical Therapy Science</i> , 27 (8), 2413-2417.   |
| 1616       | Kim, K., Kim, Y., & Kang, D. (2015). Repetitive sit-to-stand training with the step-foot position on the non-paretic side, and its effect on the balance and foot pressure of chronic stroke subjects. <i>Journal of Physical Therapy Science</i> , 27 (8), 2621-2624.                 |
| 1615       | Koh, D., Lee, J., & Kim, K. (2015). Plantar pressures in individuals with normal and pronated feet according to static squat depths. <i>Journal of Physical Therapy Science</i> , 2, 2833-2835.  |
| 1608       | Wade, R. (2015). <i>Relationship between gait kinetics and a scaled predictor of falls in aged individuals</i> . Paper presented at the 35th Annual South West Chapter of American College of Sports Medicine, Costa Mesa, CA.   |
| 1566       | Newell, T., Simon, J., & Docherty, C. (2015). Arch-taping techniques for altering navicular height and plantar pressures during activity. <i>Journal of Athletic Training</i> . 50 (8), 825-832.   |
| 1436       | Coda, A., Carline, T., & Santos, D. (2014). Repeatability and reproducibility of the Tekscan HR-Walkway System in healthy children. <i>The Foot</i> , 24 (49-55).  |
| 1434       | Menz, H., Dufour, A., Riskowski, J., Hillstrom, H., & Hannan, M., Association of planus foot posture and pronated foot function with foot pain: the Framingham Foot Study. <i>Arthritis Care 7 Research</i> . 65 (12), 1991-1999.  |
| 1305       | Hagedorn, T., Dufour, A., Golightly, Y., Riskowski, J., Hillstrom, H., Casey, V., & Hannan, M. (2013). Factors Affecting Center of Pressure in Older Adults: The Framingham Foot Study. <i>Journal of Foot and Ankle Research</i> , 6 (18).  |
| 1232       | Bayouk, J., & Boucher, J. (2006). Balance training following stroke: effects of task-oriented exercises with and without altered sensory input, <i>International Journal of Rehabilitation Research</i> , 29(1), 51-59.  |
| 1231       | Carver, T., Nadeau, S., & Leroux, A. (2011). Relation between physical exertion and postural stability in hemiparetic participants secondary to stroke. <i>Gait and Posture</i> 33, 619-619.   |
| 1212       | Ross, J. <i>Predicting and Preventing Diabetic Ulcerations Utilizing Computerized Pressure Gait Analysis</i> (2012). Paper present at the SAWC Fall at Baylor College of Medicine, Houston, TX.  |
| 1210       | Brenton-Rule, A., Mattock, J., Carroll, M., Dalbeth, N., Bassett, S., Menz, H., Rome, K. (2012). Reliability of the TekScan MatScan(R) system for the measurement of postural stability in older people with rheumatoid arthritis. <i>Journal of Foot and Ankle Research</i> , 5 (21). |
| 1207       | Giacomozzi, C., Keijsers, N., Pataky, T., & Rosenbaum, D. (2012). International scientific consensus on medical plantar pressure measurement devices: technical requirements and performance. <i>Ann Ist Super Sanità</i> , 3 (48), 259-271.   |
| 1032       | Scott, G., Menz, H., & Newcombe, L. (2007). Age-related differences in foot structure and function. <i>Gait &amp; Posture</i> 26(1), 68-75.  |
| 1028       | Ko, M., Hughes, L., & Lewis, H. (2011). Walking speed and peak plantar pressure distribution during barefoot walking in persons with diabetes. <i>Physiotherapy Research International</i> .   |
| 1023       | Zammit, G., Menz, H., & Munteanu, S. (2010). Reliability of the TekScan MatScan® system for the measurement of plantar forces and pressures during barefoot level walking in healthy adults. <i>J Foot Ankle Res</i> , 3(11).  |
| 782        | Hyer, S., Plank, M., Rodin, A., & Patel, S. (2007). Postural instability in postmenopausal women with Type 2 diabetes. <i>Diabetic Foot Journal</i> , 210-214.   |
| 781        | Thériault-Proulx, M., Comtois, A., Murphy, N., & Boucher, J. (2008, May). Validation of MatScan pressure mattress for sway analysis. <i>American College of Sports Medicine</i> . Indianapolis, IN.  |
| 765        | Sakaguchi, K., Mehta, N., Abdallah, E., Forgione, A., Hirayama, H., Kawasaki, T., & Yokoyama, A. (2007). Examination of the relationship between mandibular position and body posture. <i>The Journal of Craniomandibular Practice</i> , 25(4), 237-249.                               |

**Topic**  
**Platform Based**  
**Plantar Pressure &**

| <b>No.</b> | <b>Paper</b>   |
|------------|--|
| 728        | Srinivasan, P., Birchfield, D., Qian, G., & Kidane, A. <i>A pressure sensing floor for interactive media applications</i> . Arizona State University, Tempe, AZ.   |
| 711        | Iaquinto, J., & Wayne, J. (2007). <i>Contact gait simulation system recreates regional plantar pressure distributions in the cadaveric lower leg</i> . Poster presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA.   |
| 697        | Hendry, T., Scott, A., Robertson, R., Iaquinto, J., Owen, J., Byrd, W., Wayne, J. & Adelaar, R. (2007). <i>Analysis of plantar pressures in cadaveric feet after corrective procedures for posterior tibial tendon deficiency</i> . Paper presented at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA. |
| 691        | Kirby, K. A. (2006, December). Emerging concepts in podiatric biomechanics. <i>Podiatry Today</i> , 36-48.   |
| 685        | Clough, James G. (2006). Functional hallux limitus and lesser-metatarsal overload. <i>Journal of the American Podiatric Medical Association</i> , 95(6), 593-602.  |
| 679        | King, M., Bowers, R., & Boucher, J. (2006). <i>The role of foot position in postural stability and balance</i> . Paper presented at the 53rd Annual Meeting - ACSM, Denver, Colorado.  |
| 674        | Richie, D. (2007). Effects on foot orthoses on patients with chronic ankle instability. <i>Journal of the American Podiatric Medical Association</i> , 97(1), 19-30.   |
| 654        | El-Shammaa, M., Gryfakis, N., Lenard, K., Lashley, N., & Santangelo, L. (2005). <i>The effect of muscle imbalance on foot pressure in pediatric patients</i> . Paper presented at the Gait and Clinical Movement Analysis Society, Portland, OR.   |
| 640        | Wrobel, J., Connolly, J., & Beach, M. (2004). Associations between static and functional measures of joint function in the foot and ankle. <i>Journal of the American Podiatric Medical Association</i> , 94(6), 535-541.  |
| 621        | Ducic, I., Short, K., & Dellon, A. (2004). Relationship between loss of pedal sensibility, balance, and falls in patients with peripheral neuropathy. <i>Annals of Plastic Surgery</i> , 52(6), 535-540.   |
| 616        | Calmes, J., Sullivan, E., Munroe, S., & Barnes, D. (2004). <i>Lateral column lengthening for planovalgus deformity in ambulatory children with cerebral palsy</i> . Paper presented at the 9th Annual Gait and Clinical Movement Analysis Society Meeting, Lexington, KY.  |
| 603        | Wrobel, J., Birkmeyer, N., Dercoli, J., & Connolly, J. (2003). Do clinical examination variables predict high plantar pressures in the diabetic foot? <i>Journal of the American Podiatric Medical Association</i> , 93(5), 367-372.   |
| 572        | Hadfield, M., Snyder, J., Liacouras, P., Owen, J., Wayne, J., & Adelaar, R. (2003). Effects of medializing calcaneal osteotomy on achilles tendon lengthening and plantar foot pressures. <i>Foot &amp; Ankle International</i> , 24(7), 523-529.  |
| 392        | Richards, J., Royer, T., Schuyler, J., & Miller, F. (2002). <i>Changes in heel and forefoot loading after gastrocnemius fascia lengthening</i> . Abstract presented at the Gait and Clinical Movement Analysis Society, Chattanooga, TN.   |
| 304        | Tsai, Y. (1999). The effects of wearing platform shoes on foot pressure in women. (Masters Thesis). New York, 1-20.  |
| 77         | Castagno, P., Miller, F., Richards, J., Gaboury, L., & Lennon, N. (1996). Reliability of foot pressure measurements in clinical gait analysis. <i>Gait and Posture</i> , 4, 170.   |
| 45         | Lavery, L., Fleishli, J., Laughlin, T., Vela, S., Lavery, D., & Armstrong, D. (1998). Is postural instability exacerbated by off-loading devices in high risk diabetics with foot ulcers? <i>Ostomy/Wound Management</i> , 26-34.  |
| 1424       | Kahle, J., & Highsmith, M. (2013). Transfemoral sockets with vacuum-assisted suspension: comparison of hip kinematics, socket position, contact pressure, and preference: Ischial containment versus brimless. <i>Journal of Rehabilitation Research and Development</i> . 50 (9), 1241-1251.                                      |
| 1317       | Sengeh, D., & Herr, H., A variable-impedance prosthetic socket for a transtibial amputee designed from magnetic imaging data. <i>Journal of Prosthetics and Orthotics</i> , 25 (3), 129-137.   |
| 1298       | Convery, P., & Buis, A. (1999). Socket/stump interface dynamic pressure distributions recorded during the prosthetic stance phase of gait of a trans-tibial amputee wearing a hydrocast socket. <i>Prosthetics and Orthotics International</i> , 23 (2), 107-112.  |
| 1230       | Eshraghi, A., Azuan, N., Gholizadeh, H., Sadeeq, A., Sævarsson, S., Abas, W., Bakar, W. (2012). An experimental study of the interface pressure profile during level walking of a new suspension system for lower limb amputees. <i>Clinical Biomechanics</i> , 28, 55-60.   |
| 1084       | Razak, N., & Osman N. (2011). Comparison study of the transradial prosthetics and body powered prosthetics using pressure distribution approach. <i>International Federation for Medical and Biological Engineering Proceedings</i> , 35, 743-746.   |

**Prosthetic Research**

| <u>Topic</u>               | <u>No.</u> | <u>Paper</u>  |
|----------------------------|------------|---|
|                            | 811        | Agrawal, V., Gailey, R., O'Toole, C., Gaunaurd, I., & Dowell, T. (2009, June). Symmetry in external work (SEW): A novel method of quantifying gait differences between prosthetic feet. <i>Prosthetics and Orthotics International</i> , 33(2), 148-156.  |
| <b>Prosthetic Research</b> | 772        | Maurer, J., Ronsky, J., Loitz-Ramage, B., Anderson, M., Zernicke, R., & Harder, J. (2003, June). <i>Prosthetic socket interface pressures: Customized calibration technique for the Tekscan F-Socket system</i> . Paper presented at the Summer Bioengineering Conference. Key Biscayne, FL.  |
|                            | 686        | Pitkin, M., Smirnova, L., Scherbina, K., Kurdybailo, S., Evseev, S., & Maslov, N. (2005, September). Pressure measurements on amputee's residuum in classification for standing ice hockey. <i>The Bulletin of the International Council of Sport Science and Physical Education (ICSSPE)</i> .   |
|                            | 586        | Pitkin, M., Smirnova, L., Scherbina, K., Suslyayev, S., & Zvonareva, E. (2003). <i>Preliminary biomechanical analysis of comfort in standing amputee hockey: Comparison of skating and walking</i> . IPRLS, Tufts University School of Medicine, Boston MA, USA & Albrecht Center for Occupational Expertise, Prosthetics & Rehabilitation, St. Petersburg, Russia. |
|                            | 560        | Neumann, E., Wong, J., & Drollinger, R. (2003). <i>Socket interface pressure and discomfort</i> . Poster presented at the American Academy of Orthotists and Prosthetists Annual Meeting. San Diego, CA.  |
|                            | 370        | Polliack, A., Sieh, R., Craig, D., Landsberger, S., Mcneil, D., & Ayyappa, E. (2000). Scientific validation of two commercial pressure sensor systems for prosthetic socket fit. <i>Prosthetics and Orthotics International</i> , 24, 63-73.  |
|                            | 316        | Schmid, M., Zambarbieri, D., & Verni, G. <i>The pattern of centre of pressure during walking in lower limb amputee subjects budrio</i> . Universita degli Studi di Pavia. Budrio, Italy.  |
|                            | 164        | Houston, V., Luo, G., Mason, C., Arena, L., Beattie, A., LaBlanc, K., & Garbarini, M. (1998). <i>FEA for quantification of prosthetics CAD</i> . Paper presented at the CAD/CAM Systems in Pedorthics, Prosthetics, Orthotics Symposium. Dortmund, Germany, 254-276.  |
|                            | 146        | Pitkin, M., Quesada, P., Colvin, J., Hays, J., & White, C. (1999). <i>Moment of resistance in the prosthetic feet as possible predictor of patient's performance and comfort</i> . Paper presented at the 25th Academy Annual Meeting and Scientific Symposium, American Academy of Orthotists and Prosthetists. New Orleans, LA.                                   |
|                            | 118        | Polliack, A., Landsberger, S., & McNeal, D. (1998). <i>Scientific characterization of the rincoe socket and Tekscan F-Socket interface pressure measurement systems: Implications for clinical utility</i> . Rancho Los Amigos Medical Center. Downey, CA.  |
| <b>Seating Systems</b>     | 1614       | Yoo, W. (2015). Effect of a suspension seat support chair on the trunk flexion angle and gluteal pressure during computer work. <i>Journal of Physical Therapy Science</i> . 27 (9), 2889-2990.   |
|                            | 1508       | Kim, M., & Yoo, W. (2014). Comparison of center of force trajectory during sit-to-stand movements performed by elderly and old-old elderly subjects. <i>Journal of Physical Therapy Science</i> , 26 (9). 1403-1404.  |
|                            | 870        | O'Rourke, J. (2010). Q & A with Lauren E. Rosen - Tips for choosing the optimal wheelchair cushion for clients with mobility impairments. <i>Rehab Management</i> , 26-29.  |
|                            | 824        | Hanson, D. S., Langerno, D., Anderson, J., Thompson, P., & Hunter, S. (2009, June). Can pressure mapping prevent ulcers?. <i>Nursing</i> , 50-51.   |
|                            | 767        | Carlson, A. (2007, October). Relieving pressure. <i>Rehab Management</i> , 28-32.   |
|                            | 760        | Smith, R. (2008, March). Devising a system: New tools help therapists find solutions. <i>Rehab Management</i> , 21(2), 10-15.   |
|                            | 759        | Ferguson-Pell, M., Nicholson, G., Bain, D., Call, E., Grady, J., & deVries, J. The role of wheelchair seating standards in determining clinical practices and funding policy. <i>RESNA</i> , 17(1).   |
|                            | 729        | Takeda, M., & Furusawa, K. (2007). Measurement of pressure relief positions in seated persons with spinal cord injury. Poster presented at the World Congress of Physiotherapy. Vancouver, BC.  |
|                            | 692        | Martucci, N. (2006). An ounce of prevention. <i>Rehab Management</i> , 19(10), 36-39.   |
|                            | 687        | Bury, E. (2006). Navigating the pressure gradient. <i>Mobility Management</i> , 5(11), 14-24.   |



| <u>Topic</u>                | <u>No.</u>            | <u>Paper</u>   |  |
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**Topic**  
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