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The Future of Spinal Assessment

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SpinalMouse[®] Scientific Publications

Validity / Reliability / Objectivity

Topalidou A, Tzagarakis G, Souvatzis X, Kontakis G, Katonis P

Evaluation of the reliability of a new non-invasive method for assessing the functionality and mobility of the spine

Department of Anaesthesiology, University Hospital of Heraklion, Crete, Greece

Acta Bioeng Biomech, 16(1):117-24, 2014

Barrett E, McCreesh K, Lewis J Artikel auf Englisch

Reliability and validity of non-radiographic methods of thoracic kyphosis measurement: A systematic review

Department of Clinical Therapies, Faculty of Education and Health Sciences, University of Limerick, Limerick, Ireland

Manual Therapy, 19(1):10-7, 2014

Russel BS, Muhlenkamp KA, Hoiriis KT, Desimone CM

Measurement of lumbar lordosis in static standing posture with and without high heeled shoes

Office of Sponsored Research and Scholarly Activity, Life University, Marietta, GA, USA

J Chiropr Med, 11(3):145-59, 2012

E Kellis, G Adamou, G Tziliou, M Emmanouilidou

Reliability of spinal range of motion in healthy boys using a skin-surface device

Physical Education and Sports and Sciences at Serres, Aristotle University Thessaloniki, Serres, Greece

J Manipulativ Physiol Ther, 31: 570 – 576, 2008

M Guerhazi, S Ghroubi, M Kassis, O Jaziri, H Keskes, W Kessomtini, I Ben Hammouda, MH Elleuch

Validity and reliability of Spinal Mouse to assess lumbar flexion

Service de Médecine Physique et Réadaptation fonctionnelle de l'Hôpital Habib-Bourguiba, Université du Sud, Sfax, Tunisia

Ann Readapt Phys, 49 (4): 172 – 177, 2006

RB Post, VJM Leferink

Spinal mobility: sagittal range of motion measured with the SpinalMouse, a new non-invasive device

Department of Surgery, University Hospital Groningen, Holland

Arch Orthop Trauma Surg, 124: 187 – 192, 2004

AF Mannion, K Knecht, G Balaban, J Dvorak, D Grob

A new skin-surface device for measuring the curvature and global and segmental ranges of motion of the spine: reliability of measurements and comparison with the data reviewed from the literature

Institut für Physikalische Medizin und Rehabilitation, Universitätsspital Zürich, Switzerland

Eur Spine J, 13:122 – 136, 2004

E Bistritschan, S Delank, G Winnekendonk, P Eysel

Oberflächenmessverfahren (MediMouse) versus Röntgenfunktionsaufnahmen zur Beurteilung der lumbalen Wirbelsäulenbeweglichkeit

Klinik und Poliklinik für Orthopädie, Klinik der Universität Köln, Germany

Orthopädie, 141 (S1), 2003

S Keller, AF Mannion, D Grob

Reliability of a new measuring device („spinalmouse“) in recording the sagittal profile of the back

Schulthess Klinik, Zürich, Switzerland

Eur Spine J, 9 (4), 2000

RK Meier, D Gutensohn, R Dracheneder, N Seichert

Objektive Evaluation der Rückenform und Veranschaulichung der WS-Aufrichtung im Rahmen der Patientenschulung

Orthopädische Abteilung der Bad Colberg Kliniken, Bad Colberg, Germany

Phys Med Rehab Kuror, 10 (4), 2000

S Steinbeis, G Stucki

Alters- und geschlechtsspezifische Normwerte von Rückenform und – beweglichkeit gemessen mit der Rückenmaus

Medizinische Fakultät der Ludwig-Maximilians-Universität München, Germany

Dissertation, 1999

N Seichert

Measurement of shape and mobility of the spinal column: Validation of the SpinalMouse® by comparison with functional radiographs

Ludwig-Maximilians-Universität München, Germany

Summary of dissertation of S Schulz, 1999

S Schultz, E Senn, G Stucki

Messung von Form und Beweglichkeit der Wirbelsäule: Validierung der „Rückenmaus“ durch Vergleich mit Röntgen-Funktionsaufnahmen

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Department of Rehabilitation, Faculty of Health Science and Technology, Kawasaki, Japan

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I Bautmans, J Van Arken, M Van Mackelenberg, T Mets

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Geriatrics, Universitair Ziekenhuis, Brussel, Belgium

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Y Takihara, Y Urabe, GA Nishiwaki, K Tanaka, K Miyashita

How back-muscle fatigue influences lumbar curvature

Health Science Department, Hiroshima University, Hiroshima, Japan

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Imaging strategies for low-back pain: systematic review and meta-analysis

Oregon, Health and Science University, Portland, USA

Lancet, 373: 463 – 472, 2009

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An exploratory study of trunk impairment in people with Parkinson's disease

School of Health Sciences, University Southampton, UK

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Osteoporos Int, 16: 1871 – 1874, 2005

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EM Liebig, R Kothe, AF Mannion, D Grob

The clinical significance of the lumbar lordosis: relationship between lumbar spinal curvature and low back pain

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Eur Spine J, 9: 286, 2000
