RADIOMETRY
Publications, Abstracts and Posters

R28ab  Danielson B, Sahlgrenska University Hospital, Gothenburg, Sweden, 2004
“Axial loading at MRI in assessment of Cobb angles in idiopathic scoliosis”
Presentation at RSNA, 2004 (abstract available)

R25ab  Cham M, University of Rochester Medical School of Medicine & Dentistry, NY, USA, 2004
“But my back hurts only when I’m standing!” How to perform axial-loading in MRI for Spinal Canal Stenosis
Poster at RSNA Educational Exhibit, 2004 (abstract available)

R24ab  Byass O, Hull Royal Infirmary, UK, 2004
“The effect of axial loading on the cross-sectional area of the lumbar spine exit foramen”
Presentation at RSNA, 2004 (abstract available)

“Axial loading during MR imaging can influence treatment decision for symptomatic spinal stenosis”
AJNR 2004;25:170-174

R21ab  Lei X, Yin J, Xia S, Chen X, Wu S, Qi J, First Central Hospital of Tianjin Medical University, Tianjin, China, 2004
“The diagnostic value of axial loading of the lumbar spine during CT and MRI imaging in patients with degeneration disorders”
Presentation and Poster at the 5th Chinese Congress of Radiology – MRI Branch, October 15-17, 2004 (abstract available)

R20pb  Saiffuddin A, Blease S, Macsweeney E, 2003
“Axial Loaded MRI of the Lumbar Spine”
Clinical Radiology (2003), 58:661-671

“Axially loaded CT and MRI of the lumbar spine - A method to achieve an accurate radiological diagnosis in patients with low back pain”

R18ab  Saiffuddin A, McSweeney E, Lehovsky J, 2003
“Development of Lumbar High Intensity Zone on Axial Loaded Magnetic Resonance Imaging”
SPINE 2003 Nov 1; 28(21): E449-52 (Abstract available)
R17ab Lee SU, Hargens AR, Fredericson M, Lang PK, 2003
“Lumbar spine disc height and curvature: upright posture vs. supine compression harness”
Aviat Space Environ Med. 2003 May; 74(5): 512-6 (Abstract available)

“Assessment of Cobb angle in idiopathic scoliosis on axial loaded MRI. Preliminary results“
Presentation at BRC 2003 (abstract available)

“MR imaging with Axial Loading of the Spine alters treatment decisions in about 30% of cases”
Presentation at ASNR, Washington, DC, USA, April 27 – May 2, 2003 (abstract available)

“Axial Loading of the Spine During MR Imaging Increases Sensitivity for Spinal Stenosis”
Presentation at RSNA, Chicago, USA, December 1-6, 2002 (abstract available)

“MR Scanning of the Lumbosacral Spine during Simulated Upright Positioning”
Presentation at Symposium and ASNR, 40th Meeting 13-17 May 2002, Vancouver (Abstract available)

„MRT der LWS unter axialer Belastung“
Poster at 83. Deutscher Röntgenkongress, May 2002-05-17

“Application of a loading device (DynaWell) for the imaging of spinal stenosis”
Presentation at UK Radiological Congress (UKRC) in Birmingham, 2002-06-10

R10pb Willén J, Danielson BI, 2001
“The diagnostic effect from axial loading of the lumbar spine during Computed Tomography and Magnetic Resonance Imaging in patients with degenerative disorders”

R9pb Danielson B, Willén J, 2001
“Axially loaded Magnetic Resonance Imaging of the lumbar spine in asymptomatic individuals”
SPINE 2001; 26: 2601-06.
Also: Poster at Eurospine September 2001. (reprint available)

“Lumbar spine disc height and curvature responses to an axial load generated by a compression device compatible with magnetic resonance imaging”
SPINE 2001; 26: 2596-2600.
Also: Presentation at the First Interdisciplinary World Congress on Spinal Surgery, Berlin, Germany, Aug 27 – Sep 1, 2000: 319-323 (abstract available).

R5pb Saifuddin A, 2000
“The Imaging of Lumbar Spinal Stenosis”
Clinical Radiology (2000), 55, 581-594
<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title and Details</th>
</tr>
</thead>
</table>
Other Presentations

A  Danielson B:
   “Application of DynaWell compression device for lumbar spine imaging”
   Presentation at Philips network meetings, June 11th 2003

B  Byass O:
   “Dynamic lumbar spine stenosis”
   Presentation at Philips network meetings, June 11th 2003

C  Danielson B, 2003
   “The diagnostic effect of axial loading of the lumbar spine during CT and MRI in patients with degenerative disorders”
   Presentation at The 44th Congress of Taiwan Orthopaedic Association, Tainan, Taiwan; April 2003

D  Danielson B, 2004
   “Imaging degenerative lumbar spinal stenosis – Impact of axially loaded MR and CT/Myelography examination”
   Presentation at the 5th Chinese Congress of Radiology-MRI Branch, October 16th, 2004