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)

R27ab **Johansson A, Ängelholm Hospital in cooperation with Sahlgrenska University Hospital, Gothenburg, Sweden, 2004**
"Correlation between symptoms and findings during axial loaded MRI of the lumbar spine in patients with neurogenic claudication or sciatica"
Presentation at RSNA, 2004 (abstract available)

R26ab **Willén J, Sahlgrenska University Hospital, Gothenburg, Sweden, 2004**
"The surgical result in occult lumbar spinal stenosis detected by axial loaded CT and MRI"
Presentation at RSNA, 2004 (abstract available)

R23pb **Hiwatashi A, Danielson B, Moritani T, Westesson P-L, Bakos R, Rodenhause T,**
R23ab **Pilcher, 2004**
"Axial loading during MR imaging can influence treatment decision for symptomatic spinal stenosis"
AJNR 2004;25:170-174

R22ab **Scharf J, Podlesek D, Nölte I, Groden C:**
„Funktionsuntersuchungen in der MRT zur Darstellung belastungsabhängiger Veränderungen bei lumbaler Spinalkanalstenose"
Presentation at Deutsche Röntgenkongress in Wiesbaden, May 2004 (abstract available)

R18ab **Saifuddin 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)

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"
SPINE 2001; 26: 2607-14.

R9pb **Danielson B, Willén J, 2001**
R9po ***"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)

R8pb **Kimura S, Steinbach G, Watenpaugh D, Hargens A, 2001**
"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).

R7pb **Schönström N, Willén J, 2001**
"Imaging Lumbar Spinal Stenosis"
Radiologic Clinics of North America 2001; 39 (1): 31-53.

R6- **Willén J, Danielson BI, Schönström N, 2001**
"Kinematic MRI of the lumbar spine: Assessment in the axial loaded, supine position"
Chapter in "Kinematic MRI of the Joints" edited by Shellock FG, Powers CM, March 2001, available through CRC Press, ISBN: 0-8493-0807-0.

R3pb **Danielson BI, Willén J, Gaulitz A, Niklason T, Hansson TH, 1998**
"Axial loading of the spine during CT and MR in patients with suspected lumbar spinal stenosis"
Acta Radiologica 1998; 39: 604-611.

R1pb **Willén J, Danielson BI, Gaulitz A, Niklason T, Schönström N, Hansson TH, 1997**
"Dynamic effects on the lumbar spinal canal. Axially loaded CT – Myelography and MRI in patients with sciatica and/or neurogenic claudication"
SPINE 1997; 22 (24): 2968-2976.

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