

MULTICENTER OSTEOARTHRITIS STUDY

PUBLISHED ARTICLES

2004

1. Felson DT, Nevitt MC.
Epidemiologic studies for osteoarthritis: new versus conventional study design approaches.
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2005

2. Roemer FW, Guermazi A, Lynch JA, Peterfy CG, Nevitt MC, Webb N, Li J, Mohr A, Genant HK, Felson DT.
Short tau inversion recovery and proton density-weighted fat suppressed sequences for the evaluation of osteoarthritis of the knee with a 1.0 T dedicated extremity MRI: development of a time-efficient sequence protocol.
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<http://www.ncbi.nlm.nih.gov/pubmed/15633060>

2007

3. Englund M, Niu J, Guermazi A, Roemer FW, Hunter DJ, Lynch JA, Lewis CE, Torner JC, Nevitt MC, Zhang YQ, Felson DT.
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Arthritis Rheum. 2007 Dec;56(12):4048-54.
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<http://www.ncbi.nlm.nih.gov/pubmed/18050201>
4. Felson DT, Niu J, Guermazi A, Roemer F, Aliabadi P, Clancy M, Torner JC, Lewis CE, Nevitt MC.
Correlation of the development of knee pain with enlarging bone marrow lesions on magnetic resonance imaging.
Arthritis Rheum. 2007 Sep;56(9):2986-92.
PMID: 17763427
<http://www.ncbi.nlm.nih.gov/pubmed/17763427>
5. Segal NA, Felson DT, Torner JC, Zhu Y, Curtis JR, Niu J, Nevitt MC; Multicenter Osteoarthritis Study Group.
Greater trochanteric pain syndrome: epidemiology and associated factors.
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A new approach yields high rates of radiographic progression in knee osteoarthritis.
J Rheumatol. 2008 Oct;35(10):2047-54. Epub 2008 Sep 15.
PMCID: 2758234
<http://www.ncbi.nlm.nih.gov/pubmed/18793000>
7. Segal NA, Torner JC, Yang M, Curtis JR, Felson DT, Nevitt MC; Multicenter Osteoarthritis Study Group.

Muscle mass is more strongly related to hip bone mineral density than is quadriceps strength or lower activity level in adults over age 50 year.

J Clin Densitom. 2008 Oct-Dec;11(4):503-10. Epub 2008 May 5.

PMCID: 2654209

<http://www.ncbi.nlm.nih.gov/pubmed/18456530>

8. Segal NA, Harvey W, Felson DT, Yang M, Torner JC, Curtis JR, Nevitt MC; Multicenter Osteoarthritis Study Group.

Leg-length inequality is not associated with greater trochanteric pain syndrome.

Arthritis Res Ther. 2008;10(3):R62. Epub 2008 May 29.

PMCID: 2483453

<http://www.ncbi.nlm.nih.gov/pubmed/18510741>

2009

9. Segal NA, Anderson DD, Iyer KS, Baker J, Torner JC, Lynch JA, Felson DT, Lewis CE, Brown TD.
Baseline articular contact stress levels predict incident symptomatic knee osteoarthritis development in the MOST cohort.

J Orthop Res. 2009 Dec;27(12):1562-68.

PMCID: 2981407

<http://www.ncbi.nlm.nih.gov/pubmed/19533741>

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Arthritis Rheum. 2009 Nov 15;61(11):1539-44.

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Arch Phys Med Rehabil. 2009 Nov;90(11):1821-8.

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12. Roemer FW, Guermazi A, Javaid MK, Lynch JA, Niu J, Zhang Y, Felson DT, Lewis CE, Torner JC, Nevitt MC; MOST Study investigators.

Change in MRI-detected subchondral bone marrow lesions is associated with cartilage loss: the MOST Study. A longitudinal multicentre study of knee osteoarthritis.

Ann Rheum Dis. 2009 Sep;68(9):1461-5. Epub 2008 Oct 1.

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13. Roemer FW, Zhang Y, Niu J, Lynch JA, Crema MD, Marra MD, Nevitt MC, Felson DT, Hughes LB, El-Khoury GY, Englund M, Guermazi A; Multicenter Osteoarthritis Study Investigators.
Tibiofemoral joint osteoarthritis: risk factors for MR-depicted fast cartilage loss over a 30-month period in the multicenter osteoarthritis study.

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Association between radiographic features of knee osteoarthritis and pain: results from two cohort studies.
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Correcting for fat mass improves DXA quantification of quadriceps specific strength in obese adults aged 50-59 years.
J Clin Densitom. 2009 Jul-Sep;12(3):299-305. Epub 2009 Jan 1.
PMCID: 2906608
<http://www.ncbi.nlm.nih.gov/pubmed/19121597>
18. Roemer FW, Guermazi A, Hunter DJ, Niu J, Zhang Y, Englund M, Javaid MK, Lynch JA, Mohr A, Torner JC, Lewis CE, Nevitt MC, Felson DT.
The association of meniscal damage with joint effusion in persons without radiographic osteoarthritis: the Framingham and MOST osteoarthritis studies.
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Is obesity a risk factor for progressive radiographic knee osteoarthritis?
Arthritis Rheum. 2009 Mar 15;61(3):329-35.
PMCID: 2802836

22. Foster NA, Segal NA, Clearfield JS, Lewis CE, Keysor J, Nevitt MC, Torner JC.
Central versus lower body obesity distribution and the association with lower limb physical function and disability.
PM R. 2010 Dec;2(12):1119-1126.
PMCID: 3084596
<http://www.ncbi.nlm.nih.gov/pubmed/21145524>
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Cyst-like lesions of the knee joint and their relation to incident knee pain and development of radiographic osteoarthritis: the MOST study.
Osteoarthritis Cartilage. 2010 Nov;18(11):1386-92. Epub 2010 Sep 17.
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Relation of synovitis to knee pain using contrast-enhanced MRIs.
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Meniscal pathology on MRI increases the risk for both incident and enlarging subchondral bone marrow lesions of the knee: the MOST Study.
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PMCID: 2966967
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27. Neogi, T, Nevitt MC, Yang M, Curtis JR, Torner JC, Felson DT.
Consistency of knee pain: correlates and association with function.
Osteoarthritis Cartilage. 2010 Oct;18(10):1250-5. Epub 2010 Aug 10.
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Arthritis Care Res (Hoboken). 2010 Oct;62(10):1433-9.
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[This is a supplement (commentary) article to L. Carlesso's Arthritis Rheumatology MOST article "Pain susceptibility phenotypes in those free of knee pain with or at risk of knee osteoarthritis: The Multicenter Osteoarthritis Study" (April 2019, PMCID #6442725)]

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