



Updated on April 2, 2017

In Press

“In press” means that a scientific manuscript has been accepted for publication, but is not yet published. Currently, there is one article ‘in press’ from CATCH.

1. Kuriya B, Schieir O, Lin D, Xiong J, Boire G, Haraoui B, Hitchon C, Jamal S, Pope J, Thorne C, Tin D, Keystone E, Bykerk VP, on behalf of CATCH Investigators. Thresholds for the 28-Joint Disease Activity Score (DAS28) Using C-Reactive Protein are Lower Compared to DAS28 Using Erythrocyte Sedimentation Rate in Early Rheumatoid Arthritis. *Clin Exp Rheumatol* 2017 (In press).

Published

The following list is scientific papers that have been published based on data from the CATCH Study. You can click on the links to find the papers and read them.

1. Arnold MB, Bykerk VP, Boire G, Haraoui BP, Hitchon C, Thorne C, Keystone EC, Pope JE, CATCH Investigators. Are there differences between young- and older-onset early inflammatory arthritis and do these impact outcomes? An analysis from the CATCH cohort. *Rheumatology (Oxford)*. 2014;53(6):1075-86. doi: 10.1093/rheumatology/ket449. PubMed PMID: 24501240. Link: <https://www.ncbi.nlm.nih.gov/pubmed/24501240>
2. Barnabe C, Sun Y, Boire G, Hitchon CA, Haraoui B, Thorne JC, Tin D, van der Heijde D, Curtis JR, Jamal S, Pope JE, Keystone EC, Bartlett S, Bykerk VP, Catch Investigators. Heterogeneous Disease Trajectories Explain Variable Radiographic, Function and Quality of Life Outcomes in the Canadian Early Arthritis Cohort (CATCH). *PLoS One*. 2015;10(8):e0135327. Epub August 24. doi: 10.1371/journal.pone.0135327. PubMed PMID: 26301589; PubMed Central PMCID: PMC4547697. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4547697/>
3. Barnabe C, Xiong J, Pope JE, Boire G, Hitchon C, Haraoui B, Carter Thorne J, Tin D, Keystone EC, Bykerk VP, Canadian early Arthritis CoHort Study Investigators. Factors associated with time to diagnosis in early rheumatoid arthritis. *Rheumatol Int*. 2014;34(1):85-92. doi: 10.1007/s00296-013-2846-5. PubMed PMID: 23989941. Link: <https://www.ncbi.nlm.nih.gov/pubmed/23989941>



4. Barra L, Arsenault-Mehta K, Pope J, Hitchon C, Boire G, Schieir O, Lin D, Thorne C, Tin D, Keystone E, Haraoui B, Jamal S, Bartlett SJ, Bykerk VP, and CATCH Investigators. Validation of Self-Reported Cardiovascular Disease and Associated Comorbidities in a Large Canadian Cohort of Early Inflammatory Arthritis. Submitted Scand J Rheum. 2017;7(1):211. doi: 10.4172/2161-1149.1000211.
5. Barra L, Bykerk V, Pope JE, Haraoui BP, Hitchon CA, Thorne JC, Keystone EC, Boire G, and CATCH Investigators. Anticitrullinated protein antibodies and rheumatoid factor fluctuate in early inflammatory arthritis and do not predict clinical outcomes. J Rheumatol. 2013;40(8):1259-67. doi: 10.3899/jrheum.120736. PubMed PMID: 23378461. Link: <https://www.ncbi.nlm.nih.gov/pubmed/23378461>
6. Barra L, Pope JE, Orav JE, Boire G, Haraoui B, Hitchon C, Keystone EC, Thorne JC, Tin D, Bykerk VP, CATCH Investigators. Prognosis of seronegative patients in a large prospective cohort of patients with early inflammatory arthritis. J Rheumatol. 2014;41(12):2361-9. doi: 10.3899/jrheum.140082. PubMed PMID: 25274884. Link: <https://www.ncbi.nlm.nih.gov/pubmed/25274884>
7. Barra LJ, Pope JE, Hitchon C, Boire G, Schieir O, Lin D, Thorne CJ, Tin D, Keystone EC, Haraoui B, Jamal S, Bykerk VP, on behalf of the CATCH group. The effect of rheumatoid arthritis-associated autoantibodies on the incidence of cardiovascular events in a large inception cohort of early inflammatory arthritis. Rheumatology (Oxford). 2017. doi: 10.1093/rheumatology/kew474. PubMed PMID: 28073956. Link: <https://www.ncbi.nlm.nih.gov/pubmed/28073956>
8. Bartlett SJ, Bykerk VP, Cooksey R, Choy EH, Alten R, Christensen R, Furst DE, Guillemain F, Halls S, Hewlett S, Leong AL, Lyddiatt A, March L, Montie P, Orbai AM, Pohl C, Voshaar MS, Woodworth TG, Bingham CO, 3rd. Feasibility and Domain Validation of Rheumatoid Arthritis (RA) Flare Core Domain Set: Report of the OMERACT 2014 RA Flare Group Plenary. J Rheumatol. 2015;42(11):2185-9. doi: 10.3899/jrheum.141169. PubMed PMID: 25684764; PubMed Central PMCID: PMC4747421. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4747421/>
9. Boyd TA, Bonner A, Thorne C, Boire G, Hitchon C, Haraoui BP, Keystone EC, Bykerk VP, Pope JE, and CATCH Investigators. The Relationship Between Function and Disease Activity as Measured by the HAQ and DAS28 Varies Over Time and by Rheumatoid Factor Status in Early Inflammatory Arthritis (EIA). Results from the CATCH Cohort. Open Rheumatol J. 2013;7:58-63. doi:



- 10.2174/1874312901307010058. PubMed PMID: 24044031; PubMed Central PMCID: PMC3772570. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3772570/>
10. Bykerk VP, Bingham CO, Choy EH, Lin D, Alten R, Christensen R, Furst DE, Hewlett S, Leong A, March L, Woodworth T, Boire G, Haraoui B, Hitchon C, Jamal S, Keystone EC, Pope J, Tin D, Thorne JC, Bartlett SJ, on behalf of the OMERACT RA Flare Group and CATCH Investigators. Identifying flares in rheumatoid arthritis: reliability and construct validation of the OMERACT RA Flare Core Domain Set. *RMD Open*. 2016;2(1):e000225. doi: 10.1136/rmdopen-2015-000225. PubMed PMID: 27252895; PubMed Central PMCID: PMC3772570. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4885442/>
 11. Bykerk VP, Jamal S, Boire G, Hitchon CA, Haraoui B, Pope JE, Thorne JC, Sun Y, Keystone EC. The Canadian Early Arthritis Cohort (CATCH): patients with new-onset synovitis meeting the 2010 ACR/EULAR classification criteria but not the 1987 ACR classification criteria present with less severe disease activity. *J Rheumatol*. 2012;39(11):2071-80. doi: 10.3899/jrheum.120029. PubMed PMID: 22896026. Link: <https://www.ncbi.nlm.nih.gov/pubmed/22896026>
 12. Cheng CK, McDonald-Blumer H, Boire G, Pope JE, Haraoui B, Hitchon CA, Thorne C, Sun Y, Bykerk VP. Care gap in patients with early inflammatory arthritis with a high fracture risk identified using FRAX((R)). *J Rheumatol*. 2010;37(11):2221-5. doi: 10.3899/jrheum.091368. PubMed PMID: 20716658. Link: <https://www.ncbi.nlm.nih.gov/pubmed/20716658>
 13. Choy T, Bykerk VP, Boire G, Haraoui BP, Hitchon C, Thorne C, Keystone EC, Pope JE, CATCH Investigators. Physician global assessment at 3 months is strongly predictive of remission at 12 months in early rheumatoid arthritis: results from the CATCH cohort. *Rheumatology (Oxford)*. 2014;53(3):482-90. doi: 10.1093/rheumatology/ket366. PubMed PMID: 24241035. Link: <https://www.ncbi.nlm.nih.gov/pubmed/24241035>
 14. Curtis JR, Yang S, Chen L, Pope JE, Keystone EC, Haraoui B, Boire G, Thorne JC, Tin D, Hitchon CA, Bingham CO, 3rd, Bykerk VP. Determining the Minimally Important Difference in the Clinical Disease Activity Index for Improvement and Worsening in Early Rheumatoid Arthritis Patients. *Arthritis Care Res (Hoboken)*. 2015;67(10):1345-53. doi: 10.1002/acr.22606. PubMed PMID: 25988705; PubMed Central PMCID: PMC3772570. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4580563/>



15. Harris JA, Bykerk VP, Hitchon CA, Keystone EC, Thorne JC, Boire G, Haraoui B, Hazlewood G, Bonner AJ, Pope JE, and CATCH Investigators. Determining best practices in early rheumatoid arthritis by comparing differences in treatment at sites in the Canadian Early Arthritis Cohort. *J Rheumatol.* 2013;40(11):1823-30. doi: 10.3899/jrheum.121316. PubMed PMID: 24037554. Link: <https://www.ncbi.nlm.nih.gov/pubmed/24037554>
16. Hazlewood GS, Thorne JC, Pope JE, Lin D, Tin D, Boire G, Haraoui B, Hitchon CA, Keystone EC, Jamal S, Bykerk VP, and CATCH Investigators. The comparative effectiveness of oral versus subcutaneous methotrexate for the treatment of early rheumatoid arthritis. *Ann Rheum Dis.* 2015. doi: 10.1136/annrheumdis-2014-206504. PubMed PMID: 25979945. Link: <http://ard.bmj.com/content/75/6/1003.long>
17. Hitchon CA, Boire G, Haraoui B, Keystone E, Pope J, Jamal S, Tin D, Thorne C, Bykerk VP, investigators C. Self-reported comorbidity is common in early inflammatory arthritis and associated with poorer function and worse arthritis disease outcomes: results from the Canadian Early Arthritis Cohort. *Rheumatology (Oxford).* 2016. doi: 10.1093/rheumatology/kew061. PubMed PMID: 27330161. Link: <https://www.ncbi.nlm.nih.gov/pubmed/27330161>
18. Kung TN, Dennis J, Ma Y, Xie G, Bykerk V, Pope J, Thorne C, Keystone E, Siminovitch KA, Gagnon F. RFC1 80G>A is a genetic determinant of methotrexate efficacy in rheumatoid arthritis: a human genome epidemiologic review and meta-analysis of observational studies. *Arthritis Rheumatol.* 2014;66(5):1111-20. doi: 10.1002/art.38331. PubMed PMID: 24782176. Link: <http://onlinelibrary.wiley.com/doi/10.1002/art.38331/abstract;jsessionid=1A1F79CE53BA50EEB0C38077015E5923.f04t03>
19. Kuriya B, Sun Y, Boire G, Haraoui B, Hitchon C, Pope JE, Thorne JC, Keystone EC, Bykerk VP, for the Canadian Early Arthritis Cohort Study. Remission in early rheumatoid arthritis -- a comparison of new ACR/EULAR remission criteria to established criteria. *J Rheumatol.* 2012;39(6):1155-8. doi: 10.3899/jrheum.111341. PubMed PMID: 22505708. Link: <https://www.ncbi.nlm.nih.gov/pubmed/22505708>
20. Kuriya B, Xiong J, Boire G, Haraoui B, Hitchon C, Pope J, Thorne JC, Tin D, Keystone EC, Bykerk V, CATCH Investigators. Earlier time to remission predicts sustained clinical remission in early rheumatoid arthritis--results from the



- Canadian Early Arthritis Cohort (CATCH). *J Rheumatol*. 2014;41(11):2161-6. doi: 10.3899/jrheum.140137. PubMed PMID: 25274902. Link: <https://www.ncbi.nlm.nih.gov/pubmed/25274902>
21. Lee JJ, Bykerk VP, Dresser GK, Boire G, Haraoui B, Hitchon C, Thorne C, Tin D, Jamal S, Keystone EC, Pope JE. Reduction in Serum Uric Acid May Be Related to Methotrexate Efficacy in Early Rheumatoid Arthritis: Data from the Canadian Early Arthritis Cohort (CATCH). *Clin Med Insights Arthritis Musculoskelet Disord*. 2016;9:37-43. doi: 10.4137/CMAMD.S38092. PubMed PMID: 27081318; PubMed Central PMCID: PMC4821431. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4821431/>
 22. Lee YC, Lu B, Boire G, Haraoui BP, Hitchon CA, Pope JE, Thorne JC, Keystone EC, Solomon DH, Bykerk VP. Incidence and predictors of secondary fibromyalgia in an early arthritis cohort. *Ann Rheum Dis*. 2013;72(6):949-54. doi: 10.1136/annrheumdis-2012-201506. PubMed PMID: 22791744; PubMed Central PMCID: PMC3488361. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3488361/>
 23. McKeown E, Bykerk VP, De Leon F, Bonner A, Thorne C, Hitchon CA, Boire G, Haraoui B, Ferland DS, Keystone EC, Pope JE, and CATCH Investigators. Quality assurance study of the use of preventative therapies in glucocorticoid-induced osteoporosis in early inflammatory arthritis: results from the CATCH cohort. *Rheumatology (Oxford)*. 2012;51(9):1662-9. doi: 10.1093/rheumatology/kes079. PubMed PMID: 22539481. Link: <https://www.ncbi.nlm.nih.gov/pubmed/22539481>
 24. Mussen L, Boyd T, Bykerk V, de Leon F, Li L, Boire G, Hitchon C, Haraoui B, Thorne JC, Pope J. Low prevalence of work disability in early inflammatory arthritis (EIA) and early rheumatoid arthritis at enrollment into a multi-site registry: results from the catch cohort. *Rheumatol Int*. 2013;33(2):457-65. doi: 10.1007/s00296-012-2407-3. PubMed PMID: 22461187. Link: <https://www.ncbi.nlm.nih.gov/pubmed/22461187>
 25. Omair MA, Keystone E, Bykerk V, Lin D, Xiong J, Sun Y, Boire G, Thorne JC, Pope J, Hitchon C, Haraoui B, Tin D, Akhavan PS, Canadian Early Arthritis Cohort i. SDAI 50 is more stringent than EULAR response measure and a better predictor of low disease state/remission in early rheumatoid arthritis in the first 6 months: Results from an Early Arthritis Cohort. *Arthritis Care Res (Hoboken)*. 2016. doi:



- 10.1002/acr.22983. PubMed PMID: 27564591. Link:
<https://www.ncbi.nlm.nih.gov/pubmed/27564591>
26. Pyne L, Bykerk VP, Boire G, Haraoui B, Hitchon C, Thorne JC, Keystone EC, Pope JE, and CATCH Investigators. Increasing treatment in early rheumatoid arthritis is not determined by the disease activity score but by physician global assessment: results from the CATCH study. *J Rheumatol.* 2012;39(11):2081-7. doi: 10.3899/jrheum.120520. PubMed PMID: 22942265. Link:
<https://www.ncbi.nlm.nih.gov/pubmed/22942265>
27. Shu J, Bykerk VP, Boire G, Haraoui B, Hitchon C, Thorne JC, Tin D, Keystone EC, Pope J E, for Catch Investigators. Missing Anticitrullinated Protein Antibody Does Not Affect Short-term Outcomes in Early Inflammatory Arthritis: From the Canadian Early Arthritis Cohort. *J Rheumatol.* 2015. doi: 10.3899/jrheum.150260. PubMed PMID: 26329342. Link:
<https://www.ncbi.nlm.nih.gov/pubmed/26329342>
28. Tavares R, Pope JE, Tremblay JL, Thorne C, Bykerk VP, Lazovskis J, Blocka KL, Bell MJ, Lacaille D, Hitchon CA, Fitzgerald AA, Fidler WK, Bookman AA, Henderson JM, Mosher DP, Sholter DE, Khraishi M, Haraoui B, Chen H, Li X, Laupacis A, Boire G, Tomlinson G, Bombardier C. Early management of newly diagnosed rheumatoid arthritis by Canadian rheumatologists: a national, multicenter, retrospective cohort. *J Rheumatol.* 2011;38(11):2342-5. doi: 10.3899/jrheum.110249. PubMed PMID: 21885485. Link:
<https://www.ncbi.nlm.nih.gov/pubmed/21885485>
29. Wong LE, Huang WT, Pope JE, Haraoui B, Boire G, Thorne JC, Hitchon CA, Tin D, Keystone EC, Bykerk VP, Canadian Early Arthritis Cohort Investigators. Effect of age at menopause on disease presentation in early rheumatoid arthritis: results from the Canadian Early Arthritis Cohort. *Arthritis Care Res (Hoboken).* 2015;67(5):616-23. doi: 10.1002/acr.22494. PubMed PMID: 25303739. Link:
<https://www.ncbi.nlm.nih.gov/pubmed/25303739>
30. Yang G, Bykerk VP, Boire G, Hitchon CA, Thorne JC, Tin D, Haraoui B, Keystone EC, Pope JE, and Catch Investigators. Does socioeconomic status affect outcomes in early inflammatory arthritis? Data from a canadian multisite suspected rheumatoid arthritis inception cohort. *J Rheumatol.* 2015;42(1):46-54. doi: 10.3899/jrheum.131382. PubMed PMID: 25399388. Link:
<https://www.ncbi.nlm.nih.gov/pubmed/25399388>