

Supplementary File 2. Excluded Studies, including reasons for exclusion.

1. 12th Commonwealth International Sport conference, 19-23 July 2002, Manchester, United Kingdom: abstract book. London;: Association of Commonwealth Universities 2002. *inappropriate study design*
2. ABSTRACTS. *Journal of Orthopaedic & Sports Physical Therapy* 2005;35(6):389-96. *inappropriate study design*
3. Fibromyalgia: poorly understood; treatments are disappointing. *Prescribe international* 2009;18(102):169-73. [published Online First: 2009/09/15] *inappropriate study design*
4. A Controlled Examination of Medical and Psychosocial Factors Associated With Low Back Pain in Combination With Widespread Musculoskeletal Pain. *Physical therapy* 2009;89(8):786-803. *inappropriate study design*
5. Acupuncture. *Focus on Alternative and Complementary Therapies* 2010;15(2):163-69. doi: 10.1211/fact.15.2.0065 *inappropriate intervention*
6. 2013 SYR Accepted Poster Abstracts. *International journal of yoga therapy* 2013;23 Suppl:32-53. [published Online First: 2013/01/01] *inappropriate study design*
7. Abbott R, Whear R, Nikolaou V, et al. Tumour necrosis factor-alpha inhibitor therapy in chronic physical illness: A systematic review and meta-analysis of the effect on depression and anxiety. *Journal of psychosomatic research* 2015;79(3):175-84. doi: 10.1016/j.jpsychores.2015.04.008 [published Online First: 2015/05/04] *inappropriate study design*
8. Adachi T, Nakae A, Maruo T, et al. Validation of the Japanese Version of the Pain Self-Efficacy Questionnaire in Japanese Patients with Chronic Pain. *Pain Medicine* 2014;15(8):1405-17. doi: 10.1111/pme.12446 *inappropriate study design*
9. Akhavan J. The effect of a dyadic intervention on self-efficacy, physical functioning, and anxiety/depression in older adults post joint replacement surgery [Ph.D.]. University of California, Los Angeles, 2008. *inappropriate study design*
10. Akman-Demir G, Saip S, Siva A. Behçet's disease. *Current Treatment Options in Neurology* 2011;13(3):290-310. doi: 10.1007/s11940-011-0120-2 *inappropriate study design*
11. Alamo MM, Moral RR, de Torres LAP. Evaluation of a patient-centred approach in generalized musculoskeletal chronic pain/fibromyalgia patients in primary care. *Patient education and counseling* 2002;48(1):23-31. doi: 10.1016/S0738-3991(02)00095-2 *inappropriate intervention*
12. Alayli G, Kuru O, Bilgici A. The effects of aerobic exercise and home exercise on pain and disability in patients with knee osteoarthritis. [Turkish]. *Journal of Rheumatology and Medical Rehabilitation* 2007; 18(2). <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/761/CN-00707761/frame.html>. *inappropriate comparison group*
13. Alipour B, Homayouni-Rad A, Vaghef-Mehrabany E, et al. Effects of Lactobacillus casei supplementation on disease activity and inflammatory cytokines in rheumatoid arthritis patients: a randomized double-blind clinical trial. *International journal of rheumatic diseases* 2014;17(5):519-27. doi: 10.1111/1756-185X.12333 *inappropriate intervention*

14. Ambrose KR, Golightly YM. Physical exercise as non-pharmacological treatment of chronic pain: Why and when. *Best Practice & Research in Clinical Rheumatology* 2015;29(1):120-30. doi: 10.1016/j.berh.2015.04.022 *inappropriate study design*
15. Andrews NE, Strong J, Meredith PJ. Activity Pacing, Avoidance, Endurance, and Associations With Patient Functioning in Chronic Pain: A Systematic Review and Meta-Analysis. *Archives of physical medicine and rehabilitation* 2012;93(11):2109-21. doi: 10.1016/j.apmr.2012.05.029 *inappropriate study design*
16. Ang D, Jensen M, Steiner J, et al. Combining cognitive-behavioral therapy and milnacipran for fibromyalgia: a feasibility randomized-controlled trial. *The Clinical journal of pain* 2013; 29(9).
<http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/880/CN-00918880/frame.html>. *inappropriate study design*
17. Appelbaum KA, Blanchard EB, Hickling EJ, et al. Cognitive behavioral treatment of a veteran population with moderate to severe rheumatoid arthritis. *Behavior Therapy* 1988;19(4):489-502. doi: 10.1016/S0005-7894(88)80019-4 *inappropriate intervention*
18. Archer T, Josefsson T, Lindwall M. Effects of Physical Exercise on Depressive Symptoms and Biomarkers in Depression. *Cns & Neurological Disorders-Drug Targets* 2014;13(10):1640-53. *inappropriate study design*
19. Arcos-Carmona IM, Castro-Sanchez AM, Mataran-Penarrocha GA, et al. [Effects of aerobic exercise program and relaxation techniques on anxiety, quality of sleep, depression, and quality of life in patients with fibromyalgia: a randomized controlled trial]. *Medicina clinica* 2011;137(9):398-401. doi: 10.1016/j.medcli.2010.09.045 [published Online First: 2011/02/25] *inappropriate intervention*
20. Arends RY, Bode C, Taal E, et al. A goal management intervention for polyarthritis patients: rationale and design of a randomized controlled trial. *BMC musculoskeletal disorders* 2013;14:239. doi: 10.1186/1471-2474-14-239 [published Online First: 2013/08/15] *inappropriate intervention*
21. Arne M, Janson C, Janson S, et al. Physical activity and quality of life in subjects with chronic disease: chronic obstructive pulmonary disease compared with rheumatoid arthritis and diabetes mellitus. *Scandinavian journal of primary health care* 2009;27(3):141-7. doi: 10.1080/02813430902808643 [published Online First: 2009/03/24] *inappropriate study design*
22. Arnold L, Wang F, Ahl J, et al. Improvement in multiple dimensions of fatigue in patients with fibromyalgia treated with duloxetine: secondary analysis of a randomized, placebo-controlled trial. *Arthritis research & therapy* 2011; 13(3).
<http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/474/CN-00843474/frame.html>. *inappropriate intervention*
23. Arnold L, Zlateva G, Sadosky A, et al. Correlations between Fibromyalgia Symptom and Function Domains and Patient Global Impression of Change: A Pooled Analysis of Three Randomized, Placebo-Controlled Trials of Pregabalin. *Pain medicine (Malden, Mass)* 2011; 12(2).
<http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/608/CN-01016608/frame.html>. *inappropriate study design*

24. Arnold LM. Strategies for managing fibromyalgia. *The American journal of medicine* 2009;122(12 Suppl):S31-43. doi: 10.1016/j.amjmed.2009.09.009 [published Online First: 2010/01/09] *inappropriate study design*
25. Arnold LM, Arsenault P, Huffman C, et al. Once daily controlled-release pregabalin in the treatment of patients with fibromyalgia: A phase III, double-blind, randomized withdrawal, placebo-controlled study. *Current Medical Research and Opinion* 2014;30(10):2069-83. doi: 10.1185/03007995.2014.928275 *inappropriate intervention*
26. Arnold LM, Clauw D, Wang F, et al. Flexible dosed duloxetine in the treatment of fibromyalgia: a randomized, double-blind, placebo-controlled trial. *The Journal of rheumatology* 2010;37(12):2578-86. doi: 10.3899/jrheum.100365 [published Online First: 2010/09/17] *inappropriate intervention*
27. Arnold LM, Crofford LJ, Martin SA, et al. The effect of anxiety and depression on improvements in pain in a randomized, controlled trial of pregabalin for treatment of fibromyalgia. *Pain Medicine* 2007;8(8):633-38. doi: 10.1111/j.1526-4637.2007.00332.x *inappropriate intervention*
28. Arnold LM, Russell IJ, Diri EW, et al. A 14-week, randomized, double-blinded, placebo-controlled monotherapy trial of pregabalin in patients with fibromyalgia. *The Journal of Pain* 2008;9(9):792-805. doi: 10.1016/j.jpain.2008.03.013 *inappropriate intervention*
29. Arnold LM, Wang F, Ahl J, et al. Improvement in multiple dimensions of fatigue in patients with fibromyalgia treated with duloxetine: secondary analysis of a randomized, placebo-controlled trial. *Arthritis research & therapy* 2011;13(3):R86. doi: 10.1186/ar3359 [published Online First: 2011/06/15] *inappropriate intervention*
30. Arnold LM, Williams DA, Hudson JI, et al. Development of responder definitions for fibromyalgia clinical trials. *Arthritis and rheumatism* 2012;64(3):885-94. doi: 10.1002/art.33360 [published Online First: 2011/09/29] *inappropriate outcomes*
31. Arnold LM, Zhang S, Pangallo BA. Efficacy and safety of duloxetine 30 mg/d in patients with fibromyalgia: A randomized, double-blind, placebo-controlled study. *The Clinical journal of pain* 2012;28(9):775-81. doi: 10.1097/AJP.0b013e3182510295 *inappropriate outcomes*
32. Arnold LM, Zlateva G, Sadosky A, et al. Correlations between fibromyalgia symptom and function domains and patient global impression of change: a pooled analysis of three randomized, placebo-controlled trials of pregabalin. *Pain medicine (Malden, Mass)* 2011;12(2):260-7. doi: 10.1111/j.1526-4637.2010.01047.x [published Online First: 2011/01/27] *inappropriate study design*
33. Assis MR, Silva LE, Alves AM, et al. A randomized controlled trial of deep water running: clinical effectiveness of aquatic exercise to treat fibromyalgia. *Arthritis and rheumatism* 2006;55(1):57-65. doi: 10.1002/art.21693 *inappropriate comparison group*
34. Ayrál X, Gicquere C, Duhalde A, et al. Effects of video information on preoperative anxiety level and tolerability of joint lavage in knee osteoarthritis. *Arthritis and rheumatism* 2002;47(4):380-2. doi: 10.1002/art.10559 [published Online First: 2002/09/05] *inappropriate intervention*

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36. Bagdath AO, Donmez A, Eroksuz R, et al. Does addition of 'mud-pack and hot pool treatment' to patient education make a difference in fibromyalgia patients? A randomized controlled single blind study. *International journal of biometeorology* 2015;59(12):1905-11. doi: 10.1007/s00484-015-0997-7 *inappropriate intervention*
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38. Barlow JH, Powell LA, Gilchrist M, et al. The effectiveness of the Training and Support Program for parents of children with disabilities: a randomized controlled trial. *Journal of psychosomatic research* 2008;64(1):55-62. doi: 10.1016/j.jpsychores.2007.06.006 [published Online First: 2007/12/26] *inappropriate intervention*
39. Barsky AJ, Ahern DK, Orav EJ, et al. A Randomized Trial of Three Psychosocial Treatments for the Symptoms of Rheumatoid Arthritis. *Seminars in arthritis and rheumatism* 2010;40(3):222-32. doi: 10.1016/j.semarthrit.2010.04.001 *inappropriate intervention*
40. Basler HD. Group treatment for pain and discomfort. *Patient education and counseling* 1993;20(2-3):167-75. [published Online First: 1993/05/01] *inappropriate intervention*
41. Basseij EJ. Longitudinal changes in selected physical capabilities: muscle strength, flexibility and body size. *Age and Ageing* 1998;27:12-16. *inappropriate study design*
42. Bateman L, Sarzi-Puttini P, Burbridge CL, et al. Burden of illness in fibromyalgia patients with comorbid depression. *Clinical and experimental rheumatology* 2016;34(2 Suppl 96):S106-13. [published Online First: 2016/04/09] *inappropriate study design*
43. Baudic S, Attal N, Mhalla A, et al. Unilateral repetitive transcranial magnetic stimulation of the motor cortex does not affect cognition in patients with fibromyalgia. *Journal of Psychiatric Research* 2013;47(1):72-77. doi: 10.1016/j.jpsychires.2012.09.003 *inappropriate intervention*
44. Bearne L, Walsh N, Jessep S, et al. Feasibility of an exercise-based rehabilitation programme for chronic hip pain. *Musculoskeletal care* 2011; 9(3). <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/898/CN-01124898/frame.html>. *inappropriate intervention*
45. Bement MKH, Weyer A, Hartley S, et al. Pain Perception After Isometric Exercise in Women With Fibromyalgia. *Archives of physical medicine and rehabilitation* 2011;92(1):89-95. doi: 10.1016/j.apmr.2010.10.006 *inappropriate study design*
46. Bennell K, Ahamed Y, Jull G, et al. Physical Therapist-Delivered Pain Coping Skills Training and Exercise for Knee Osteoarthritis: Randomized Controlled Trial. *Arthritis care & research* 2016; 68(5).

- <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/882/CN-01153882/frame.html>. *inappropriate comparison group*
47. Bennell KL, Rini C, Keefe F, et al. Effects of Adding an Internet-Based Pain Coping Skills Training Protocol to a Standardized Education and Exercise Program for People With Persistent Hip Pain (HOPE Trial): Randomized Controlled Trial Protocol. *Physical therapy* 2015;95(10):1408-22. doi: 10.2522/ptj.20150119 [published Online First: 2015/05/30] *inappropriate study design*
 48. Bennett R, Russell I, Choy E, et al. Evaluation of Patient-Rated Stiffness Associated With Fibromyalgia: A Post-Hoc Analysis of 4 Pooled, Randomized Clinical Trials of Duloxetine. *Clinical therapeutics* 2012; 34(4). <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/551/CN-00896551/frame.html>. *inappropriate intervention*
 49. Bialosky JE, Bishop MD, Robinson ME, et al. Spinal Manipulative Therapy Has an Immediate Effect on Thermal Pain Sensitivity in People With Low Back Pain: A Randomized Controlled Trial. *Physical therapy* 2009;89(12):1292-303. doi: 10.2522/ptj.20090058 *inappropriate population*
 50. Birbara C, Ruoff G, Sheldon E, et al. Efficacy and safety of rofecoxib 12.5 mg and celecoxib 200 mg in two similarly designed osteoarthritis studies. *Current medical research and opinion* 2006; 22(1). <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/019/CN-00554019/frame.html>. *inappropriate intervention*
 51. Bircan C, Karasel SA, Akgun B, et al. Effects of muscle strengthening versus aerobic exercise program in fibromyalgia. *Rheumatology international* 2008;28(6):527-32. doi: 10.1007/s00296-007-0484-5 [published Online First: 2007/11/06] *inappropriate comparison group*
 52. Bishop MD, Beneciuk JM, George SZ. Immediate reduction in temporal sensory summation after thoracic spinal manipulation. *Spine Journal* 2011;11(5):440-46. doi: 10.1016/j.spinee.2011.03.001 *inappropriate intervention*
 53. Blikman T, Rienstra W, van Raaij TM, et al. Duloxetine in OsteoArthritis (DOA) study: study protocol of a pragmatic open-label randomised controlled trial assessing the effect of preoperative pain treatment on postoperative outcome after total hip or knee arthroplasty. *BMJ open* 2016;6(3):e010343. doi: 10.1136/bmjopen-2015-010343 [published Online First: 2016/03/05] *inappropriate study design*
 54. Blumenthal JA, Babyak MA, Moore KA, et al. Effects of exercise training on older patients with major depression. *Archives of Internal Medicine* 1999;159(19):2349-56. doi: 10.1001/archinte.159.19.2349 *inappropriate population*
 55. Bojner Horwitz E, Kowalski J, Theorell T, et al. Dance/movement therapy in fibromyalgia patients: Changes in self-figure drawings and their relation to verbal self-rating scales. *The Arts in Psychotherapy* 2006;33(1):11-25. doi: <http://dx.doi.org/10.1016/j.aip.2005.05.004> *inappropriate intervention*
 56. Bojner-Horwitz E, Theorell T, Anderberg UM. Dance/movement therapy and changes in stress-related hormones: A study of fibromyalgia patients with video-interpretation. *The Arts in Psychotherapy* 2003;30(5):255-64. doi: 10.1016/j.aip.2003.07.001 *inappropriate outcomes*

57. Bojner-Horwitz E, Theorell T, Maria Anderberg U. Dance/movement therapy and changes in stress-related hormones: a study of fibromyalgia patients with video-interpretation. *The Arts in Psychotherapy* 2003;30(5):255-64. doi: <http://dx.doi.org/10.1016/j.aip.2003.07.001> *inappropriate intervention*
58. Bongi SM, Del Rosso A, Di Felice C, et al. Ressequier method and Qi Gong sequentially integrated in patients with fibromyalgia syndrome. *Clinical and experimental rheumatology* 2012;30(6):S51-S58. *inappropriate comparison group*
59. Bongi SM, Paoletti G, Cala M, et al. Efficacy of rehabilitation with Tai Ji Quan in an Italian cohort of patients with Fibromyalgia Syndrome. *Complementary therapies in clinical practice* 2016;24:109-15. doi: 10.1016/j.ctcp.2016.05.010 *inappropriate intervention*
60. Booth FW, Roberts CK, Laye MJ. Lack of Exercise Is a Major Cause of Chronic Diseases. *Comprehensive Physiology* 2012;2(2):1143-211. doi: 10.1002/cphy.c110025 *inappropriate study design*
61. Boschen KA, Robinson E, Campbell KA, et al. Results from 10 Years of a CBT Pain Self-Management Outpatient Program for Complex Chronic Conditions. *Pain Research & Management* 2016 doi: 10.1155/2016/4678083 *inappropriate study design*
62. Bossen D, Buskermolen M, Veenhof C, et al. Adherence to a web-based physical activity intervention for patients with knee and/or hip Osteoarthritis: A mixed method study. *Journal of medical Internet research* 2013;15(10):55-66. doi: 10.2196/jmir.2742 *inappropriate comparison group*
63. Bossen D, Veenhof C, Kloek C, et al. The association between psychological factors and physical activity levels in patients with knee and hip osteoarthritis. *Physiotherapy (United Kingdom)* 2015; 101. <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/535/CN-01126535/frame.html>. *inappropriate study design*
64. Bossen D, Veenhof C, Van Beek KEC, et al. Effectiveness of a Web-Based Physical Activity Intervention in Patients With Knee and/or Hip Osteoarthritis: Randomized Controlled Trial. *Journal of medical Internet research* 2013;15(11) doi: 10.2196/jmir.2662 *inappropriate intervention*
65. Boyer L, Dousset A, Roussel P, et al. rTMS in fibromyalgia: a randomized trial evaluating QoL and its brain metabolic substrate. *Neurology* 2014;82(14):1231-8. doi: 10.1212/wnl.0000000000000280 [published Online First: 2014/03/29] *inappropriate intervention*
66. Bradt J, Norris M, Shim M, et al. Vocal Music Therapy for Chronic Pain Management in Inner-City African Americans: A Mixed Methods Feasibility Study. *Journal of Music Therapy* 2016;53(2):178-206. doi: 10.1093/jmt/thw004 *inappropriate intervention*
67. Braz AS, Morais LCS, Paula AP, et al. Effects of Panax ginseng extract in patients with fibromyalgia: A 12-week, randomized, double-blind, placebo-controlled trial. *Revista Brasileira de Psiquiatria* 2013;35(1):21-28. doi: 10.1016/j.rbp.2013.01.004 *inappropriate intervention*
68. Broderick J, Jungaenel D, Schwartz J. Written emotional expression produces health benefits in fibromyalgia patients. *Psychosomatic medicine* 2005; 67(2).

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69. Brus H, Taal E, Laar M, et al. Patient education and disease activity: a study among rheumatoid arthritis patients. *Arthritis care and research : the official journal of the Arthritis Health Professions Association* 1997; 10(5). <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/155/CN-00145155/frame.html>. *inappropriate study design*
70. Busch A. Hydrotherapy improves pain, knee strength, and quality of life in women with fibromyalgia. *Australian Journal of Physiotherapy* 2007;53(1):64-64. *inappropriate study design*
71. Buskila D, Abu-Shakra M, Neumann L, et al. Balneotherapy for fibromyalgia at the Dead Sea. *Rheumatology international* 2001;20(3):105-8. doi: 10.1007/s002960000085 [published Online First: 2001/05/17] *inappropriate intervention*
72. Buszewicz M, Rait G, Griffin M, et al. Self management of arthritis in primary care: randomised controlled trial. *BMJ (Clinical research ed)* 2006;333(7574):879. doi: 10.1136/bmj.38965.375718.80 [published Online First: 2006/10/17] *inappropriate intervention*
73. Buttawat V, Eungpinichpong W, Kaber D, et al. Acute effects of traditional Thai massage on electroencephalogram in patients with scapulocostal syndrome. *Complementary Therapies in Medicine* 2012;20(4):167-74. doi: 10.1016/j.ctim.2012.02.002 *inappropriate intervention*
74. Büyükyılmaz F, Aştı T. The effect of relaxation techniques and back massage on pain and anxiety in Turkish total hip or knee arthroplasty patients. *Pain Management Nursing* 2013;14(3):143-54. doi: 10.1016/j.pmn.2010.11.001 *inappropriate intervention*
75. Calandre EP, Rico-Villademoros F. The role of antipsychotics in the management of fibromyalgia. *CNS drugs* 2012;26(2):135-53. doi: 10.2165/11597130-000000000-00000 [published Online First: 2012/02/03] *inappropriate study design*
76. Calandre EP, Rodriguez-Claro ML, Rico-Villademoros F, et al. Effects of pool-based exercise in fibromyalgia symptomatology and sleep quality: a prospective randomised comparison between stretching and Ai Chi. *Clinical and experimental rheumatology* 2009;27(5 Suppl 56):S21-8. [published Online First: 2010/03/12] *inappropriate intervention*
77. Campbell CM, McCauley L, Bounds SC, et al. Changes in pain catastrophizing predict later changes in fibromyalgia clinical and experimental pain report: cross-lagged panel analyses of dispositional and situational catastrophizing. *Arthritis research & therapy* 2012;14(5):R231. doi: 10.1186/ar4073 [published Online First: 2012/10/27] *inappropriate outcomes*
78. Cancelliere C. Are workplace health promotion/wellness programs effective at improving presenteeism (on-the-job productivity) in workers? A systematic review and best evidence synthesis of the literature [M.P.H.]. Lakehead University (Canada), 2011. *inappropriate study design*

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80. Carbonell-Baeza A, Aparicio VA, Martins-Pereira CM, et al. Efficacy of Biodanza for Treating Women with Fibromyalgia. *Journal of Alternative and Complementary Medicine* 2010;16(11):1191-200. doi: 10.1089/acm.2010-0039 *inappropriate study design*
81. Carbonell-Baeza A, Romero A, Aparicio VA, et al. Preliminary Findings of a 4-Month Tai Chi Intervention on Tenderness, Functional Capacity, Symptomatology, and Quality of Life in Men With Fibromyalgia. *American Journal of Mens Health* 2011;5(5):421-29. doi: 10.1177/1557988311400063 *inappropriate intervention*
82. Carbonell-Baeza A, Ruizz JR, Aparicio VA, et al. Multidisciplinary and biodanza intervention for the management of fibromyalgia. *Acta Reumatologica Portuguesa* 2012;37(3):240-50. *inappropriate comparison group*
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84. Carmichael NME, Katz J, Clarke H, et al. An intensive perioperative regimen of pregabalin and celecoxib reduces pain and improves physical function scores six weeks after total hip arthroplasty: A prospective randomized controlled trial. *Pain Research & Management* 2013;18(3):127-32. doi: 10.1155/2013/258714 *inappropriate intervention*
85. Carson JW, Carson KM, Jones KD, et al. A pilot randomized controlled trial of the Yoga of Awareness program in the management of fibromyalgia. *Pain* 2010;151(2):530-9. doi: 10.1016/j.pain.2010.08.020 [published Online First: 2010/10/16] *inappropriate intervention*
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87. Carta MG, Cardia C, Mannu F, et al. The high frequency of manic symptoms in fibromyalgia does influence the choice of treatment? *Clinical Practice and Epidemiology in Mental Health* 2006;2 *inappropriate study design*
88. Casanueva-Fernandez B, Llorca J, Rubio JBI, et al. Efficacy of a multidisciplinary treatment program in patients with severe fibromyalgia. *Rheumatology international* 2012;32(8):2497-502. doi: 10.1007/s00296-011-2045-1 *inappropriate intervention*
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<http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/285/CN-00471285/frame.html>. *inappropriate intervention*
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