



Bilaga 2 Studier med hög risk för bias, inte relevanta studier och orsak till exkludering/Appendix 2 Studies with high risk of bias, not relevant studies, and reasons for exclusion

Table of contents

This document consists of articles excluded after assessment.

Studies with high risk of bias page 2–5

This part consists of articles that were relevant in terms of abstract and full-text but after quality assessment considered to have a high risk of bias.

Not relevant studies page 6–19

This part consists of articles considered relevant in terms of abstract, but the full-text articles were proven to be irrelevant to the research question and other inclusion criteria, after assessment.

Excluded due to NRSI, non-randomised studies of the effects of interventions page 20-21

This part consists of articles of non-randomised studies that were assessed as relevant. Since a large number of randomised controlled trials were included, non-randomised studies were excluded from analyses in accordance with the study protocol.

Health economic studies (low methodological quality and/or transferability) page 22-23

This part consists of articles that were relevant in terms of abstract and full-text but after quality assessment considered to have low quality in terms of methodology and/or transferability.

Studies with high risk of bias

Reference	Assessment
Aasdahl L, Pape K, Vasseljen O, Johnsen R, Gismervik S, Jensen C, et al. Effects of Inpatient Multicomponent Occupational Rehabilitation versus Less Comprehensive Outpatient Rehabilitation on Somatic and Mental Health: Secondary Outcomes of a Randomized Clinical Trial. <i>Journal of Occupational Rehabilitation</i> , 2017; 27 (3): 456-66. Available from: https://doi.org/https://dx.doi.org/10.1007/s10926-016-9679-5 .	High risk of bias
Andersen LN, Juul-Kristensen B, Sorensen TL, Herborg LG, Roessler KK, Sogaard K. Longer term follow-up on effects of Tailored Physical Activity or Chronic Pain Self-Management Programme on return-to-work: A randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2016; 48 (10): 887-92. Available from: https://doi.org/https://dx.doi.org/10.2340/16501977-2159 .	High risk of bias
Anderson B, Strand LI, Råheim M. The effect of long-term body awareness training succeeding a multimodal cognitive behavior program for patients with widespread pain. <i>Journal of Musculoskeletal Pain</i> , 2007; 15 (3): 19-29. Available from: https://doi.org/10.1300/J094v15n03_04 .	High risk of bias
Aure OF, Nilsen JH, Vasseljen O. Manual therapy and exercise therapy in patients with chronic low back pain: a randomized, controlled trial with 1-year follow-up. <i>Spine</i> , 2003; 28 (6): 525-31; discussion 31-2.	High risk of bias
Beck BD, Hansen AM, Gold C. Coping with Work-Related Stress through Guided Imagery and Music (GIM): Randomized Controlled Trial. <i>Journal of Music Therapy</i> , 2015; 52 (3): 323-52. Available from: https://doi.org/https://dx.doi.org/10.1093/jmt/thv011 .	High risk of bias
Bethge M, Herbold D, Trowitzsch L, Jacobi C. Work status and health-related quality of life following multimodal work hardening: a cluster randomised trial. <i>Journal of Back & Musculoskeletal Rehabilitation</i> , 2011; 24 (3): 161-72. Available from: https://doi.org/https://dx.doi.org/10.3233/BMR-2011-0290 .	High risk of bias
Blonk RWB, Brenninkmeijer V, Lagerveld SE, Houtman ILD. Return to work: A comparison of two cognitive behavioural interventions in cases of work-related psychological complaints among the self-employed. <i>Work & Stress</i> , 2006; 20 (2): 129-44. Available from: https://doi.org/10.1080/02678370600856615 .	High risk of bias
Blomdahl C, Guregård S, Rusner M, Wijk H. Recovery From Depression—A 6-Month Follow-up of a Randomized Controlled Study of Manual-Based Phenomenological Art Therapy for Persons With Depression. <i>Art Therapy</i> . 2022;39(1):13-23. Available from: https://doi.org/10.1080/07421656.2021.1922328 .	High risk of bias
Bogefeldt J, Grunnesjo MI, Svardsudd K, Blomberg S. Sick leave reductions from a comprehensive manual therapy programme for low back pain: the Gotland Low Back Pain Study. <i>Clinical Rehabilitation</i> , 2008; 22 (6): 529-41. Available from: https://doi.org/https://dx.doi.org/10.1177/0269215507087294 .	High risk of bias
Bolam KA, Mijwel S, Rundqvist H, Wengstrom Y. Two-year follow-up of the OptiTrain randomised controlled exercise trial. <i>Breast Cancer Research & Treatment</i> , 2019; 175 (3): 637-48. Available from: https://doi.org/https://dx.doi.org/10.1007/s10549-019-05204-0 .	High risk of bias

Reference	Assessment
Feuerstein M, Huang GD, Ortiz JM, Shaw WS, Miller VI, Wood PM. Integrated case management for work-related upper-extremity disorders: impact of patient satisfaction on health and work status. <i>Journal of Occupational & Environmental Medicine</i> , 2003; 45 (8): 803-12.	High risk of bias
Greidanus MA, de Rijk AE, de Boer A, Bos M, Plaisier PW, Smeenk RM, et al. A randomised feasibility trial of an employer-based intervention for enhancing successful return to work of cancer survivors (MiLES intervention). <i>BMC Public Health</i> , 2021; 21 (1): 1433. Available from: https://doi.org/https://dx.doi.org/10.1186/s12889-021-11357-9 .	High risk of bias
Hagen EM, Eriksen HR, Ursin H. Does early intervention with a light mobilization program reduce long-term sick leave for low back pain? <i>Spine (Phila Pa 1976)</i> , 2000; 25 (15): 1973-6.	High risk of bias
Haugli L, Steen E, Lærum E, Nygard R, Finset A. Learning to have less pain--is it possible? A one-year follow-up study of the effects of a personal construct group learning programme on patients with chronic musculoskeletal pain. <i>Patient Education and Counseling</i> , 2001; 45 (2): 111-18. Available from: https://doi.org/10.1016/S0738-3991(00)00200-7 .	High risk of bias
Hubbard G, Gray NM, Ayansina D, Evans JM, Kyle RG. Case management vocational rehabilitation for women with breast cancer after surgery: a feasibility study incorporating a pilot randomised controlled trial. <i>Trials [Electronic Resource]</i> , 2013; 14175. Available from: https://doi.org/https://dx.doi.org/10.1186/1745-6215-14-175 .	High risk of bias
Hurley DA, McDonough SM, Dempster M, Moore AP, Baxter GD. A randomized clinical trial of manipulative therapy and interferential therapy for acute low back pain. <i>Spine</i> , 2004; 29 (20): 2207-16.	High risk of bias
Jong MC, Boers I, Schouten van der Velden AP, Meij Svd, Göker E, Timmer-Bonte ANJH, et al. A Randomized Study of Yoga for Fatigue and Quality of Life in Women with Breast Cancer Undergoing (Neo) Adjuvant Chemotherapy. <i>Journal of Alternative & Complementary Medicine</i> , 2018; 24 (9/10): 942-53. Available from: https://doi.org/10.1089/acm.2018.0191 .	High risk of bias
Jousset N, Fanello S, Bontoux L, Dubus V, Billabert C, Vielle B, et al. Effects of functional restoration versus 3 hours per week physical therapy: a randomized controlled study. <i>Spine</i> , 2004; 29 (5): 487-93; discussion 94. Available from: https://doi.org/10.1097/01.brs.0000102320.35490.43 .	High risk of bias
Lo Sasso AT, Rost K, Beck A. Modeling the impact of enhanced depression treatment on workplace functioning and costs: a cost-benefit approach. <i>Med Care</i> , 2006; 44 (4): 352-8. Available from: https://doi.org/10.1097/01.mlr.0000204049.30620.1e .	High risk of bias
Meijer EM, Sluiter JK, Heyma A, Sadiraj K, Frings-Dresen MH. Cost-effectiveness of multidisciplinary treatment in sick-listed patients with upper extremity musculoskeletal disorders: a randomized, controlled trial with one-year follow-up. <i>International Archives of Occupational & Environmental Health</i> , 2006; 79 (8): 654-64.	High risk of bias

Reference	Assessment
Meyer K, Fransen J, Huwiler H, Uebelhart D, Klipstein A. Feasibility and results of a randomised pilot-study of a work rehabilitation programme. <i>Journal of back and musculoskeletal rehabilitation</i> , 2005; 18 (3-4): 67-78. Available from: https://doi.org/10.1016/S0901-5027(05)81137-3 .	High risk of bias
Mijwel S, Jervaeus A, Bolam KA, Norrbom J, Bergh J, Rundqvist H, et al. High-intensity exercise during chemotherapy induces beneficial effects 12 months into breast cancer survivorship. <i>Journal of Cancer Survivorship</i> , 2019; 13 (2): 244-56. Available from: https://doi.org/https://dx.doi.org/10.1007/s11764-019-00747-z .	High risk of bias
Nguyen C, Boutron I, Rein C, Baron G, Sanchez K, Palazzo C, et al. Intensive spa and exercise therapy program for returning to work for low back pain patients: a randomized controlled trial. <i>Scientific Reports</i> , 2017; 7 (1): 17956. Available from: https://doi.org/https://dx.doi.org/10.1038/s41598-017-18311-z .	High risk of bias
Norbye AD, Omdal AV, Nygaard ME, Romild U, Eldoen G, Midgard R. Do Patients With Chronic Low Back Pain Benefit From Early Intervention Regarding Absence From Work?: A Randomized, Controlled, Single-Center Pilot Study. <i>Spine</i> , 2016; 41 (21): E1257-E64. Available from: https://doi.org/https://dx.doi.org/10.1097/BRS.0000000000001878 .	High risk of bias
Nystuen P, Hagen KB. Feasibility and effectiveness of offering a solution-focused follow-up to employees with psychological problems or muscle skeletal pain: a randomised controlled trial. <i>BMC Public Health</i> , 2003; 319.	High risk of bias
Roche-Leboucher G, Petit-Lemanac'h A, Bontoux L, Dubus-Bausiere V, Parot-Shinkel E, Fanello S, et al. Multidisciplinary intensive functional restoration versus outpatient active physiotherapy in chronic low back pain: a randomized controlled trial. <i>Spine</i> , 2011; 36 (26): 2235-42. Available from: https://doi.org/https://dx.doi.org/10.1097/BRS.0b013e3182191e13 .	High risk of bias
Ronzi Y, Roche-Leboucher G, Begue C, Dubus V, Bontoux L, Roquelaure Y, et al. Efficiency of three treatment strategies on occupational and quality of life impairments for chronic low back pain patients: is the multidisciplinary approach the key feature to success? <i>Clinical Rehabilitation</i> , 2017; 31 (10): 1364-73. Available from: https://doi.org/https://dx.doi.org/10.1177/0269215517691086 .	High risk of bias
Rost K, Smith JL, Dickinson M. The effect of improving primary care depression management on employee absenteeism and productivity. A randomized trial. <i>Med Care</i> , 2004; 42 (12): 1202-10. Available from: https://doi.org/10.1097/00005650-200412000-00007 .	High risk of bias
Schene AH, Koeter MW, Kikkert MJ, Swinkels JA, McCrone P. Adjuvant occupational therapy for work-related major depression works: randomized trial including economic evaluation. <i>Psychological Medicine</i> , 2007; 37 (3): 351-62.	High risk of bias

Reference	Assessment
Schiltenswolf M, Buchner M, Heindl B, von Reumont J, Muller A, Eich W. Comparison of a biopsychosocial therapy (BT) with a conventional biomedical therapy (MT) of subacute low back pain in the first episode of sick leave: a randomized controlled trial. <i>European Spine Journal</i> , 2006; 15 (7): 1083-92. Available from: https://doi.org/10.1007/s00586-005-0008-5 .	High risk of bias
Stenlund T, Ahlgren C, Lindahl B, Burell G, Steinholtz K, Edlund C, et al. Cognitively oriented behavioral rehabilitation in combination with Qigong for patients on long-term sick leave because of burnout: REST—A randomized clinical trial. <i>International Journal of Behavioral Medicine</i> , 2009; 16 (3): 294-303. Available from: https://doi.org/10.1007/s12529-008-9011-7 .	High risk of bias
Stenlund T, Nordin M, Jarvholm LS. Effects of rehabilitation programmes for patients on long-term sick leave for burnout: a 3-year follow-up of the REST study. <i>Journal of Rehabilitation Medicine</i> , 2012; 44 (8): 684-90. Available from: https://doi.org/https://dx.doi.org/10.2340/16501977-1003 .	High risk of bias
Streibelt M, Bethge M. Effects of intensified work-related multidisciplinary rehabilitation on occupational participation: a randomized-controlled trial in patients with chronic musculoskeletal disorders. <i>International Journal of Rehabilitation Research</i> , 2014; 37 (1): 61-6. Available from: https://doi.org/https://dx.doi.org/10.1097/MRR.0000000000000031 .	High risk of bias
van der Feltz-Cornelis CM, Hoedeman R, de Jong FJ, Meeuwissen JA, Drewes HW, van der Laan NC, et al. Faster return to work after psychiatric consultation for sicklisted employees with common mental disorders compared to care as usual. A randomized clinical trial. <i>Neuropsychiatr Dis Treat</i> , 2010; 6375-85. Available from: https://doi.org/10.2147/ndt.s11832 .	High risk of bias
Wynne-Jones G, Artus M, Bishop A, Lawton SA, Lewis M, Jowett S, et al. Effectiveness and costs of a vocational advice service to improve work outcomes in patients with musculoskeletal pain in primary care: a cluster randomised trial (SWAP trial ISRCTN 52269669). <i>Pain</i> , 2018; 159 (1): 128-38. Available from: https://doi.org/https://dx.doi.org/10.1097/j.pain.0000000000001075 .	High risk of bias

Not relevant studies

Reference	Reason for exclusion
Champagne R, Ronzi Y, Roche-Leboucher G, Begue C, Dubus V, Bontoux L, et al. Effectiveness of an outpatient rehabilitation program with multidisciplinary approach on return to work for patients with non-specific chronic lombal pain. <i>Annals of Physical and Rehabilitation Medicine</i> . 2018;61. Available from: https://doi.org/10.1016/j.rehab.2018.05.034 .	Wrong study design
Aasdahl L, Gismervik SO, Marchand GH, Vasseljen O, Johnsen R, Fimland MS. Changes in fear-avoidance beliefs and work participation after occupational rehabilitation for musculoskeletal- and common mental disorders: secondary outcomes of two randomized clinical trials. <i>J Rehabil Med</i> , 2019; 51 (3): 175-82. Available from: https://doi.org/https://dx.doi.org/10.2340/16501977-2520 .	Wrong research question
Arends I, van der Klink JIL, Bultman U. Prevention of recurrent sickness absence among employees with common mental disorders. <i>BMC public health</i> , 2010; 10132.	Wrong study design
Arends IA, Van Der K, Van R, De B, Bültmann. Prevention of recurrent sickness absence among workers with common mental disorders: Results of a cluster-randomised controlled trial. <i>Occupational and Environmental Medicine</i> , 2013; 70 (Suppl 1): A106.2-A06. Available from: https://doi.org/10.1136/oemed-2013-101717.311 .	Wrong study design
Beiwinkel T, Eissing T, Telle NT, Siegmund-Schultze E, Rossler W. Effectiveness of a Web-Based Intervention in Reducing Depression and Sickness Absence: Randomized Controlled Trial. <i>J Med Internet Res</i> , 2017; 19 (6): e213. Available from: https://doi.org/10.2196/jmir.6546 .	Wrong patient population
Bendix T, Bendix A, Labriola M, Haestrup C, Ebbehoj N. Functional restoration versus outpatient physical training in chronic low back pain: a randomized comparative study. <i>Spine</i> , 2000; 25 (19): 2494-500. Available from: https://doi.org/10.1097/00007632-200010010-00012 .	Wrong patient population
Berglund E, Anderzen I, Andersen A, Carlsson L, Gustavsson C, Wallman T, et al. Multidisciplinary Intervention and Acceptance and Commitment Therapy for Return-to-Work and Increased Employability among Patients with Mental Illness and/or Chronic Pain: A Randomized Controlled Trial. <i>Int J Environ Res Public Health</i> , 2018; 15 (11): 31. Available from: https://doi.org/https://dx.doi.org/10.3390/ijerph15112424 .	Wrong patient population
Bergman GJ, Winter JC, van Tulder MW, Meyboom-de Jong B, Postema K, van der Heijden GJ, et al. Manipulative therapy in addition to usual medical care accelerates recovery of shoulder complaints at higher costs: economic outcomes of a randomized trial. <i>BMC Musculoskeletal Disorders</i> , 2010; 11200-00. Available from: https://doi.org/10.1186/1471-2474-11-200 .	Wrong patient population

Reference	Reason for exclusion
Bergstrom C, Jensen I, Hagberg J, Busch H, Bergstrom G. Effectiveness of different interventions using a psychosocial subgroup assignment in chronic neck and back pain patients: a 10-year follow-up. <i>Disabil Rehabil</i> , 2012; 34 (2): 110-8. Available from: https://doi.org/https://dx.doi.org/10.3109/09638288.2011.607218 .	Wrong research question
Blomdahl C, Guregard S, Rusner M, Wijk H. A manual-based phenomenological art therapy for individuals diagnosed with moderate to severe depression (PATd): A randomized controlled study. <i>Psychiatr Rehabil J</i> , 2018; 41 (3): 169-82. Available from: https://doi.org/https://dx.doi.org/10.1037/prj0000300 .	Wrong patient population
Bonde JP, Rasmussen MS, Hjollund H, Svendsen SW, Kolstad HA, Jensen LD, et al. Occupational disorders and return to work: a randomized controlled study. <i>J Rehabil Med</i> , 2005; 37 (4): 230-5. Available from: https://doi.org/10.1080/16501970410025487 .	Wrong patient population
Brattberg G. Internet-based rehabilitation for individuals with chronic pain and burnout: a randomized trial. <i>Int J Rehabil Res</i> , 2006; 29 (3): 221-7.	Short follow-up time
Brendbekken R, Harris A, Ursin H, Eriksen H, Tangen T. Multidisciplinary Intervention in Patients with Musculoskeletal Pain: a Randomized Clinical Trial. <i>International Journal of Behavioral Medicine</i> , 2016; 23 (1): 1-11. Available from: https://doi.org/10.1007/s12529-015-9486-y .	Wrong outcomes
Brusco NK, Watts JJ, Shields N, Chan SP, Taylor NF. Does additional acute phase inpatient rehabilitation help people return to work? A subgroup analysis from a randomized controlled trial. <i>Clin Rehabil</i> , 2014; 28 (8): 754-61.	Wrong patient population
Böttcher HM, Steimann M, Rotsch M, Zurborn KH, Koch U, Bergelt C. Enhancing the return to work of cancer patients-an evaluation of an occupation-related rehabilitation program. <i>Onkologie</i> , 2012; 35242. Available from: https://doi.org/10.1159/000178474 .	Wrong study design
Chanchai W, Siriwong W, Songkham W, Ketsomporn P, Sappakitchanchai P. Effects of participatory ergonomic intervention program (PEIP) on musculoskeletal and health outcomes among hospital orderlies. <i>Occupational and Environmental Medicine</i> , 2018; 75A274-A75. Available from: https://doi.org/10.1136/oemed-2018-ICOHabstracts.784 .	Wrong study design
Cheng AS, Hung L. Randomized controlled trial of workplace-based rehabilitation for work-related rotator cuff disorder. <i>Journal of Occupational Rehabilitation</i> , 2007; 17 (3): 487-503. Available from: https://doi.org/10.1007/s10926-007-9085-0 .	Short follow-up time
Choi KA, Lindert L, Schlomann L, Samel C, Hellmich M, Pfaff H. A Cross-Provider Healthcare Management Program for Musculoskeletal Disorders: results of a Randomized Controlled Trial in 22 German Companies. <i>International journal of environmental research and public health</i> , 2021; 18 (22). Available from: https://doi.org/10.3390/ijerph182211844 .	Wrong patient population

Reference	Reason for exclusion
Corazon SS, Nyed PK, Sidenius U, Poulsen DV, Stigsdotter UK. A Long-Term Follow-Up of the Efficacy of Nature-Based Therapy for Adults Suffering from Stress-Related Illnesses on Levels of Healthcare Consumption and Sick-Leave Absence: A Randomized Controlled Trial. <i>Int J Environ Res Public Health</i> , 2018; 15 (1): 15. Available from: https://doi.org/https://dx.doi.org/10.3390/ijerph15010137 .	Wrong patient population
Coudeyre E, Tubach F, Rannou F, Baron G, Coriat F, Brin S, et al. Effect of a simple information booklet on pain persistence after an acute episode of low back pain: a non-randomized trial in a primary care setting. <i>PLoS ONE</i> , 2007; 2 (8): e706.	Short follow-up time
Dahl J, Wilson KG, Nilsson A. Acceptance and commitment therapy and the treatment of persons at risk for long-term disability resulting from stress and pain symptoms: A preliminary randomized trial. <i>Behavior Therapy</i> , 2004; 35 (4): 785-801. Available from: https://doi.org/10.1016/S0005-7894(04)80020-0 .	Wrong patient population
Dalgaard VL, Andersen LPS, Andersen JH, Willert MV, Carstensen O, Glasscock DJ. Work-focused cognitive behavioral intervention for psychological complaints in patients on sick leave due to work-related stress: Results from a randomized controlled trial. <i>J Negat Results Biomed</i> , 2017; 16 (1): 13. Available from: https://doi.org/https://dx.doi.org/10.1186/s12952-017-0078-z .	Wrong outcomes
Danielsson L, Waern M, Hensing G, Holmgren K. Work-directed rehabilitation or physical activity to support work ability and mental health in common mental disorders: a pilot randomized controlled trial. <i>Clin Rehabil</i> , 2020; 34 (2): 170-81. Available from: https://doi.org/https://dx.doi.org/10.1177/0269215519880230 .	Wrong patient population
De Bruijn C, Goossens M, de Bie R, Ament A, Geraets J, Dinant GJ. Cost-effectiveness of an education and activation program for patients with acute and subacute shoulder complaints compared to usual care. <i>Int J Technol Assess Health Care</i> , 2007; 23 (1): 80-8.	Wrong patient population
Dupeyron A, N'Guyen T, Azoury H, Grémeaux V, Coudeyre E. Sub acute low back pain: Effect of early information. <i>Annals of Physical and Rehabilitation Medicine</i> , 2013; 56e309. Available from: https://doi.org/10.1016/j.rehab.2013.07.820 .	Wrong study design
Ejeby K, Savitskij R, Ost LG, Ekblom A, Brandt L, Ramnero J, et al. Symptom reduction due to psychosocial interventions is not accompanied by a reduction in sick leave: results from a randomized controlled trial in primary care. <i>Scand J Prim Health Care</i> , 2014; 32 (2): 67-72. Available from: https://doi.org/https://dx.doi.org/10.3109/02813432.2014.909163 .	Wrong patient population
Eriksson MCM, Kivi M, Hange D, Petersson E-L, Ariai N, Häggblad P, et al. Long-term effects of Internet-delivered cognitive behavioral therapy for depression in primary care – the PRIM-NET controlled trial. <i>Scandinavian Journal of Primary Health Care</i> , 2017; 35 (2): 126-36. Available from: https://doi.org/10.1080/02813432.2017.1333299 .	Wrong patient population

Reference	Reason for exclusion
Ezzedine Angulo A, Domenech Fernández J, Cabanes Soriano F, Lisón Parraga JF, Segura Ortí E, Buj Pascual J. Influence of physicians' beliefs and attitudes on their treatment recommendations for low back pain. Controlled clinical trial. <i>European Spine Journal</i> , 2014; 23 (1): 249-50. Available from: https://doi.org/10.1007/s00586-013-3090-0 .	Wrong study design
Fauser D, Wienert J, Beinert T, Schmielau J, Biester I, Kruger HU, et al. Work-related medical rehabilitation in patients with cancer- Postrehabilitation results from a cluster-randomized multicenter trial. <i>Cancer</i> , 2019; 125 (15): 2666-74. Available from: https://doi.org/https://dx.doi.org/10.1002/cncr.32131 .	Wrong patient population
Fauser D, Wienert J, Zomorodbakhsch B, Schmielau J, Biester I, Kruger HU, et al. Work-Related Medical Rehabilitation in Cancer: A Cluster-Randomized Multicenter Study. <i>Dtsch</i> , 2019; 116 (35-36): 592-99. Available from: https://doi.org/https://dx.doi.org/10.3238/arztebl.2019.0592 .	Wrong patient population
Finnes A, Anderzen I, Pingel R, Dahl J, Molin L, Lytsy P. Comparing the Efficacy of Multidisciplinary Assessment and Treatment, or Acceptance and Commitment Therapy, with Treatment as Usual on Health Outcomes in Women on Long-Term Sick Leave-A Randomised Controlled Trial. <i>Int J Environ Res Public Health</i> , 2021; 18 (4): 11. Available from: https://doi.org/https://dx.doi.org/10.3390/ijerph18041754 .	Wrong outcomes
Forsbrand MH, Turkiewicz A, Petersson IF, Sennehed CP, Stigmar K. Long-term effects on function, health-related quality of life and work ability after structured physiotherapy including a workplace intervention. A secondary analysis of a randomised controlled trial (WorkUp) in primary care for patients with neck and/or. <i>Scand J Prim Health Care</i> , 2020; 38 (1): 92-100. Available from: https://doi.org/https://dx.doi.org/10.1080/02813432.2020.1717081 .	Wrong patient population
Frederiksen P, Indahl A, Andersen LL, Burton K, Hertzum-Larsen R, Bendix T. Can group-based reassuring information alter low back pain behavior? A cluster-randomized controlled trial. <i>PLoS ONE</i> , 2017; 12 (3): e0172003. Available from: https://doi.org/https://dx.doi.org/10.1371/journal.pone.0172003 .	Wrong patient population
Fritz JM, Delitto A, Erhard RE. Comparison of classification-based physical therapy with therapy based on clinical practice guidelines for patients with acute low back pain: a randomized clinical trial. <i>Spine</i> , 2003; 28 (13): 1363-71; discussion 72.	Wrong patient population
Glomsrod B, Lonn JH, Soukup MG, Bo K, Larsen S. "Active back school", prophylactic management for low back pain: three-year follow-up of a randomized, controlled trial. <i>J Rehabil Med</i> , 2001; 33 (1): 26-30. Available from: https://doi.org/10.1080/165019701300006506 .	Wrong patient population
Granstam BH, Rosenblad A, Lindemalm C, Ojutkangas ML, Letocha H, Strang P, et al. A randomized controlled trial of support group intervention after breast cancer treatment: Results on sick leave, health care utilization and health economy. <i>Cancer Research</i> , 2012; 72 (24). Available from: https://doi.org/10.1158/0008-5472.SABCS12-P2-12-09 .	Wrong study design

Reference	Reason for exclusion
Grensman A, Acharya BD, Wandell P, Nilsson GH, Falkenberg T, Sundin O, et al. Effect of traditional yoga, mindfulness-based cognitive therapy, and cognitive behavioral therapy, on health related quality of life: a randomized controlled trial on patients on sick leave because of burnout. <i>BMC Altern Med</i> , 2018; 18 (1): 80. Available from: https://doi.org/https://dx.doi.org/10.1186/s12906-018-2141-9 .	Wrong outcomes
Gross DP, Park J, Rayani F, Norris CM, Esmail S. Motivational Interviewing Improves Sustainable Return to Work in Injured Workers After Rehabilitation: A Cluster Randomized Controlled Trial. <i>Arch Phys Med Rehabil</i> , 2017; 98 (12): 2355-63. Available from: https://doi.org/https://dx.doi.org/10.1016/j.apmr.2017.06.003 .	Wrong patient population
Gustavsson C, von Koch L. Applied relaxation in the treatment of long-lasting neck pain: a randomized controlled pilot study. <i>Journal of Rehabilitation Medicine</i> , 2006; 38 (2): 100-07.	Wrong patient population
Hagen EM. Does light mobilization treatment reduce long-term sick leave for low back pain? <i>Norsk Epidemiologi</i> , 2006; 16 (2): 137-44.	Duplicate
Hampel P, Kopnick A, Roch S. Psychological and work-related outcomes after inpatient multidisciplinary rehabilitation of chronic low back pain: a prospective randomized controlled trial. <i>BMC Psychol</i> , 2019; 7 (1): 6. Available from: https://doi.org/https://dx.doi.org/10.1186/s40359-019-0282-3 .	Wrong patient population
Hampson ME, Hicks RE, Watt BD. Exploring the Effectiveness of Motivational Interviewing in Re-engaging People Diagnosed with Severe Psychiatric Conditions in Work, Study, or Community Participation. <i>American Journal of Psychiatric Rehabilitation</i> , 2015; 18 (3): 265-79. Available from: https://doi.org/10.1080/15487768.2014.954158 .	Wrong patient population
Hange D, Ariai N, Kivi M, Eriksson MC, Nejati S, Petersson EL. The impact of internet-based cognitive behavior therapy on work ability in patients with depression - a randomized controlled study. <i>Int J Gen Med</i> , 2017; 10151-59. Available from: https://doi.org/https://dx.doi.org/10.2147/IJGM.S129710 .	Wrong patient population
Hansen BB, Kirkeskov L, Begtrup LM, Boesen M, Bliddal H, Christensen R, et al. Early occupational intervention for people with low back pain in physically demanding jobs: A randomized clinical trial. <i>PLoS Med</i> , 2019; 16 (8): e1002898. Available from: https://doi.org/https://dx.doi.org/10.1371/journal.pmed.1002898 .	Wrong patient population
Hazard RG, Reid S, Haugh LD, McFarlane G. A controlled trial of an educational pamphlet to prevent disability after occupational low back injury. <i>Spine</i> , 2000; 25 (11): 1419-23.	Wrong patient population
Hjelle Guddal M, Dahl AA, Nystad R, Thorsen L, Fossa° SD, Smeland S. Effects of a brief outpatient rehabilitation program for cancer patients on physical activity, return to work and quality of life. <i>Psycho-Oncology</i> , 2013; 22289-90. Available from: https://doi.org/10.1111/j.1099-1611.2013.3394 .	Wrong study design

Reference	Reason for exclusion
Hochheim M, Ramm P, Wunderlich M, Amelung V. Cost-effectiveness analysis of a chronic back pain multidisciplinary biopsychosocial rehabilitation (MBR) compared to standard care for privately insured in Germany. <i>BMC Health Services Research</i> , 2021; 21 (1): 1-20. Available from: https://doi.org/10.1186/s12913-021-07337-9 .	Wrong patient population
Hoefsmit N, Houkes I, Boumans N, Noben C, Winkens B, Nijhuis FJ. The Effectiveness of an Intervention to Enhance Cooperation Between Sick-Listed Employees and Their Supervisors (COSS). <i>J Occup Rehabil</i> , 2016; 26 (2): 229-36. Available from: https://doi.org/https://dx.doi.org/10.1007/s10926-015-9606-1 .	Wrong patient population
Hoge EA, Guidos BM, Mete M, Bui E, Pollack MH, Simon NM, et al. Effects of mindfulness meditation on occupational functioning and health care utilization in individuals with anxiety. <i>J Psychosom Res</i> , 2017; 957-11. Available from: https://doi.org/https://dx.doi.org/10.1016/j.jpsychores.2017.01.011 .	Wrong patient population
Hollinghurst S, Peters TJ, Kaur S, Wiles N, Lewis G, Kessler D. Cost-effectiveness of therapist-delivered online cognitive-behavioural therapy for depression: randomised controlled trial. <i>Br J Psychiatry</i> , 2010; 197 (4): 297-304. Available from: https://doi.org/https://dx.doi.org/10.1192/bjp.bp.109.073080 .	Wrong patient population
Holst A, Björkelund C, Svensson M. Economic evaluation of care manager collaborative care programme for patients with depression in swedish primary care -12 month follow-up of a pragmatic rct concerning depression free days and sick leave costs. <i>Journal of Mental Health Policy and Economics</i> , 2019; 22 (SUPPL 1): S13.	Wrong study design
Jensen LD, Maribo T, Schiottz-Christensen B, Madsen FH, Gonge B, Christensen M, et al. Counselling low-back-pain patients in secondary healthcare: a randomised trial addressing experienced workplace barriers and physical activity. <i>Occup Environ Med</i> , 2012; 69 (1): 21-8. Available from: https://doi.org/https://dx.doi.org/10.1136/oem.2010.064055 .	Wrong patient population
Jensen RK, Leboeuf-Yde C, Wedderkopp N, Sorensen JS, Manniche C. Rest versus exercise as treatment for patients with low back pain and Modic changes. A randomized controlled clinical trial. <i>BMC Med</i> , 2012; 1022. Available from: https://doi.org/https://dx.doi.org/10.1186/1741-7015-10-22 .	Wrong patient population
Johansson O, Bjärehed J, Andersson G, Carlbring P, Lundh LG. Effectiveness of guided internet-delivered cognitive behavior therapy for depression in routine psychiatry: A randomized controlled trial. <i>Internet Interventions</i> , 2019; 17100247. Available from: https://doi.org/10.1016/j.invent.2019.100247 .	Wrong outcomes
Johansson P, Lindahl E. Locking-in effects due to early interventions? An evaluation of a multidisciplinary screening programs for avoiding long-term sickness. <i>Eval Rev</i> , 2012; 36 (5): 323-45. Available from: https://doi.org/https://dx.doi.org/10.1177/0193841X12466663 .	Wrong study design

Reference	Reason for exclusion
Jorgensen MB, Faber A, Hansen JV, Holtermann A, Sogaard K. Effects on musculoskeletal pain, work ability and sickness absence in a 1-year randomised controlled trial among cleaners. <i>BMC Public Health</i> , 2011; 11:840. Available from: https://doi.org/https://dx.doi.org/10.1186/1471-2458-11-840 .	Wrong patient population
Kaldo V, Lundin A, Hallgren M, Kraepelien M, Strid C, Ekblom O, et al. Effects of internet-based cognitive behavioural therapy and physical exercise on sick leave and employment in primary care patients with depression: two subgroup analyses. <i>Occup Environ Med</i> , 2018; 75 (1): 52-58. Available from: https://doi.org/https://dx.doi.org/10.1136/oemed-2017-104326 .	Wrong patient population
Karjalainen K, Malmivaara A, Mutanen P, Roine R, Hurri H, Pohjolainen T. Mini-intervention for subacute low back pain: two-year follow-up and modifiers of effectiveness. <i>Spine</i> , 2004; 29 (10): 1069-76.	Wrong patient population
Karjalainen K, Malmivaara A, Pohjolainen T, Hurri H, Mutanen P, Rissanen P, et al. Mini-intervention for subacute low back pain: a randomized controlled trial. <i>Spine</i> , 2003; 28 (6): 533-40; discussion 40. Available from: https://doi.org/10.1097/01.BRS.0000049928.52520.69 .	Wrong patient population
Keysor JJ, LaValley MP, Brown C, Felson DT, AlHeresh RA, Vaughan MW, et al. Efficacy of a Work Disability Prevention Program for People with Rheumatic and Musculoskeletal Conditions: A Single-Blind Parallel-Arm Randomized Controlled Trial. <i>Arthritis Care Res (Hoboken)</i> , 2018; 70 (7): 1022-29. Available from: https://doi.org/https://dx.doi.org/10.1002/acr.23423 .	Wrong patient population
Kidd SA, Boyd GM, Bieling P, Pike S, Kazarian-Keith D. Effect of a vocationally-focused brief cognitive behavioural intervention on employment-related outcomes for individuals with mood and anxiety disorders. <i>Cognitive Behav Ther</i> , 2008; 37 (4): 247-51. Available from: https://doi.org/https://dx.doi.org/10.1080/16506070802473189 .	Wrong outcomes
Knekt P, Lindfors O, Laaksonen MA, Raitasalo R, Haaramo P, Jarvikoski A, et al. Effectiveness of short-term and long-term psychotherapy on work ability and functional capacity--a randomized clinical trial on depressive and anxiety disorders. <i>J Affect Disord</i> , 2008; 107 (1-3): 95-106. Available from: https://doi.org/10.1016/j.jad.2007.08.005 .	Wrong patient population
Kool JP, Oesch PR, Bachmann S, Knuesel O, Dierkes JG, Russo M, et al. Increasing days at work using function-centered rehabilitation in nonacute nonspecific low back pain: a randomized controlled trial. <i>Arch Phys Med Rehabil</i> , 2005; 86 (5): 857-64.	Short follow-up time
Krogh J, Saltin B, Gluud C, Nordentoft M. The DEMO trial: a randomized, parallel-group, observer-blinded clinical trial of strength versus aerobic versus relaxation training for patients with mild to moderate depression. <i>J Clin Psychiatry</i> , 2009; 70 (6): 790-800.	Wrong patient population
Kromer TO, de Bie RA, Bastiaenen CH. Effectiveness of physiotherapy and costs in patients with clinical signs of shoulder impingement syndrome: One-year follow-up of a randomized controlled trial. <i>J Rehabil Med</i> , 2014; 46 (10): 1029-36. Available from: https://doi.org/https://dx.doi.org/10.2340/16501977-1867 .	Wrong patient population

Reference	Reason for exclusion
Lerner D, Adler D, Hermann RC, Chang H, Ludman E, Greenhill A, et al. Impact of a Work-Focused Intervention on the Productivity and Symptoms of Employees With Depression. <i>Journal of Occupational & Environmental Medicine</i> , 2012; 54 (2): 128-35. Available from: https://doi.org/10.1097/JOM.0b013e31824409d8 .	Wrong patient population
Lerner D, Adler DA, Rogers WH, Chang H, Greenhill A, Cymerman E, et al. A randomized clinical trial of a telephone depression intervention to reduce employee presenteeism and absenteeism. <i>Psychiatr Serv</i> , 2015; 66 (6): 570-7. Available from: https://doi.org/10.1176/appi.ps.201400350 .	Wrong patient population
Lexis MA, Jansen NW, Huibers MJ, van Amelsvoort LG, Berkouwer A, Tjin ATG, et al. Prevention of long-term sickness absence and major depression in high-risk employees: a randomised controlled trial. <i>Occup Environ Med</i> , 2011; 68 (6): 400-7. Available from: https://doi.org/https://dx.doi.org/10.1136/oem.2010.057877 .	Wrong patient population
Linton SJ, Andersson T. Can chronic disability be prevented? A randomized trial of a cognitive-behavior intervention and two forms of information for patients with spinal pain. <i>Spine (03622436)</i> , 2000; 25 (21): 2825-31.	Wrong patient population
Linton SJ, Boersma K, Traczyk M, Shaw W, Nicholas M. Early Workplace Communication and Problem Solving to Prevent Back Disability: Results of a Randomized Controlled Trial Among High-Risk Workers and Their Supervisors. <i>J Occup Rehabil</i> , 2016; 26 (2): 150-9. Available from: https://doi.org/10.1007/s10926-015-9596-z .	Wrong patient population
Linton SJ, Nordin E. A 5-year follow-up evaluation of the Health and economic consequences of an early cognitive behavioral intervention for back pain: a randomized, controlled trial. <i>Spine (03622436)</i> , 2006; 31 (8): 853-58. Available from: https://doi.org/10.1097/01.brs.0000209258.42037.02 .	Wrong patient population
Linton SJ, Ryberg M. A cognitive-behavioral group intervention as prevention for persistent neck and back pain in a non-patient population: a randomized controlled trial. <i>Pain</i> , 2001; 90 (1-2): 83-90.	Wrong patient population
Lokman S, Volker D, Zijlstra-Vlasveld M, Smit F, Van Der Feltz-Cornelis C. Return-to-work intervention versus care as usual for sick listed employees with common mental disorders: trial-based economic evaluation shows promise. <i>Journal of mental health policy and economics</i> , 2015; 18S26-S27.	Wrong study design
Lokman S, Volker D, Zijlstra-Vlasveld MC, Brouwers EP, Boon B, Beekman AT, et al. Return-to-work intervention versus usual care for sick-listed employees: health-economic investment appraisal alongside a cluster randomised trial. <i>BMJ Open</i> , 2017; 7 (10): e016348. Available from: https://doi.org/https://dx.doi.org/10.1136/bmjopen-2017-016348 .	Wrong patient population
Luijsterburg P, Verhagen AP, Ostelo RWJG, Van Den Hoogen JMM, Peul W, Avezaat CJJ, et al. Physical therapy plus general practitioners' care versus general practitioners' care alone for sciatica: Randomised clinical trial with a 12-month follow-up. <i>Physiotherapy (United Kingdom)</i> , 2011; 97eS717-eS18. Available from: https://doi.org/10.1016/j.physio.2011.04.002 .	Wrong study design

Reference	Reason for exclusion
Luijsterburg PA, Verhagen AP, Ostelo RW, van den Hoogen HJ, Peul WC, Avezaat CJ, et al. Physical therapy plus general practitioners' care versus general practitioners' care alone for sciatica: a randomised clinical trial with a 12-month follow-up. <i>Eur Spine J</i> , 2008; 17 (4): 509-17. Available from: https://doi.org/https://dx.doi.org/10.1007/s00586-007-0569-6 .	Wrong patient population
Lytsy P, Carlsson L, Anderzen I. Effectiveness of two vocational rehabilitation programmes in women with long-term sick leave due to pain syndrome or mental illness: 1-year follow-up of a randomized controlled trial. <i>J Rehabil Med</i> , 2017; 49 (2): 170-77. Available from: https://doi.org/https://dx.doi.org/10.2340/16501977-2188 .	Wrong patient population
Maeland S, Holmas TH, Oyeflaten I, Husabo E, Werner EL, Monstad K. What is the effect of independent medical evaluation on days on sickness benefits for long-term sick listed employees in Norway? A pragmatic randomised controlled trial, the NIME-trial. <i>BMC Public Health</i> , 2022; 22 (1): 400-. Available from: https://doi.org/10.1186/s12889-022-12800-1 .	Wrong patient population
Mahmud N, Kenny DT, Md Zein R, Hassan SN. Ergonomic Training Reduces Musculoskeletal Disorders among Office Workers: Results from the 6-Month Follow-Up. <i>Malays</i> , 2011; 18 (2): 16-26.	Wrong patient population
Mahmud N, Kenny DT, Md Zein R, Hassan SN. The effects of office ergonomic training on musculoskeletal complaints, sickness absence, and psychological well-being: a cluster randomized control trial. <i>Asia Pac J Public Health</i> , 2015; 27 (2): NP1652-68. Available from: https://doi.org/https://dx.doi.org/10.1177/1010539511419199 .	Wrong patient population
Maljanen T, Palta P, Harkanen T, Virtala E, Lindfors O, Laaksonen MA, et al. The cost-effectiveness of short-term psychodynamic psychotherapy and solution-focused therapy in the treatment of depressive and anxiety disorders during a one-year follow-up. <i>J Ment Health Policy Econ</i> , 2012; 15 (1): 13-23.	Wrong patient population
Momsen A, Nielsen C, Jensen C. Somatisation and sickness absence in low back pain patients. A randomised comparison of a brief and a multidisciplinary intervention. <i>Journal of Psychosomatic Research</i> , 2012; 72 (6): 495. Available from: https://doi.org/10.1016/j.jpsychores.2012.03.004 .	Wrong study design
Momsen AH, Stapelfeldt CM, Nielsen CV, Nielsen MB, Aust B, Rugulies R, et al. Effects of a randomized controlled intervention trial on return to work and health care utilization after long-term sickness absence. <i>BMC Public Health</i> , 2016; 16 (1): 1149.	Wrong patient population
Mortelmans AK, Donceel P, Lahaye D, Bulterys S. Does enhanced information exchange between social insurance physicians and occupational physicians improve patient work resumption? A controlled intervention study. <i>Occup Environ Med</i> , 2006; 63 (7): 495-502.	Wrong patient population
Netterstrom B, Friebel L, Ladegaard Y. Effects of a multidisciplinary stress treatment programme on patient return to work rate and symptom reduction: results from a randomised, wait-list controlled trial. <i>Psychother Psychosom</i> , 2013; 82 (3): 177-86. Available from: https://doi.org/https://dx.doi.org/10.1159/000346369 .	Short follow-up time

Reference	Reason for exclusion
Niemisto L, Rissanen P, Sarna S, Lahtinen-Suopanki T, Lindgren KA, Hurri H. Cost-effectiveness of combined manipulation, stabilizing exercises, and physician consultation compared to physician consultation alone for chronic low back pain: a prospective randomized trial with 2-year follow-up. <i>Spine</i> , 2005; 30 (10): 1109-15. Available from: https://doi.org/10.1097/01.brs.0000162569.00685.7b .	Wrong patient population
Nordentoft M, Krogh J. The demo trial: An observer-blinded rct of strength versus aerobic versus relaxation training for patients with mild to moderate depression. <i>European Psychiatry</i> , 2009; 24S665.	Wrong study design
Norrefalk J, Linder J, Ekholm J, Borg K. A 6-year follow-up study of 122 patients attending a multiprofessional rehabilitation programme for persistent musculoskeletal-related pain. <i>International Journal of Rehabilitation Research</i> , 2007; 30 (1): 9-18.	Wrong patient population
Notenbomer A, Roelen C, Groothoff J, van Rhenen W, Bultmann U. Effect of an eHealth Intervention to Reduce Sickness Absence Frequency Among Employees With Frequent Sickness Absence: Randomized Controlled Trial. <i>J Med Internet Res</i> , 2018; 20 (10): e10821. Available from: https://doi.org/https://dx.doi.org/10.2196/10821 .	Wrong patient population
Osteras H, Arild Torstensen T, Arntzen G, B SO. A comparison of work absence periods and the associated costs for two different modes of exercise therapies for patients with longstanding subacromial pain. <i>J Med Econ</i> , 2008; 11 (3): 371-81. Available from: https://doi.org/https://dx.doi.org/10.3111/13696990802191564 .	Short follow-up time
Osteras N, Gulbrandsen P, Kann IC, Brage S. Structured functional assessments in general practice increased the use of part-time sick leave: a cluster randomised controlled trial. <i>Scand J Public Health</i> , 2010; 38 (2): 192-9. Available from: https://doi.org/https://dx.doi.org/10.1177/1403494809357096 .	Wrong research question
Pach D, Blödt S, Wang J, Keller T, King R, Höfer B, et al. Effectiveness of app-based relaxation exercises in patients with chronic neck pain (relaxneck)-a pragmatic randomized trial. <i>Global Advances in Health and Medicine</i> , 2020; 9114-15. Available from: https://doi.org/10.1177/2164956120912849 .	Wrong study design
Park J, Esmail S, Rayani F, Norris CM, Gross DP. Motivational Interviewing for Workers with Disabling Musculoskeletal Disorders: Results of a Cluster Randomized Control Trial. <i>J Occup Rehabil</i> , 2018; 28 (2): 252-64. Available from: https://doi.org/https://dx.doi.org/10.1007/s10926-017-9712-3 .	Short follow-up time
Poulsen OM, Aust B, Bjorner JB, Rugulies R, Hansen JV, Tverborgvik T, et al. Effect of the Danish return-to-work program on long-term sickness absence: results from a randomized controlled trial in three municipalities. <i>Scand J Work Environ Health</i> , 2014; 40 (1): 47-56. Available from: https://doi.org/https://dx.doi.org/10.5271/sjweh.3383 .	Wrong patient population

Reference	Reason for exclusion
Rasmussen CD, Holtermann A, Jorgensen MB, Orberg A, Mortensen OS, Sogaard K. A multi-faceted workplace intervention targeting low back pain was effective for physical work demands and maladaptive pain behaviours, but not for work ability and sickness absence: Stepped wedge cluster randomised trial. <i>Scand J Public Health</i> , 2016; 44 (6): 560-70. Available from: https://doi.org/https://dx.doi.org/10.1177/1403494816653668 .	Wrong patient population
Rebergen DS, Bruinvels DJ, Bos CM, van der Beek AJ, van Mechelen W. Return to work and occupational physicians' management of common mental health problems--process evaluation of a randomized controlled trial. <i>Scand J Work Environ Health</i> , 2010; 36 (6): 488-98.	Wrong research question
Ree E, Lie SA, Eriksen HR, Malterud K, Indahl A, Samdal O, et al. Reduction in sick leave by a workplace educational low back pain intervention: A cluster randomized controlled trial. <i>Scand J Public Health</i> , 2016; 44 (6): 571-9. Available from: https://doi.org/10.1177/1403494816653854 .	Wrong patient population
Roche G, Ponthieux A, Parot-Shinkel E, Jousset N, Bontoux L, Dubus V, et al. Comparison of a functional restoration program with active individual physical therapy for patients with chronic low back pain: a randomized controlled trial. <i>Arch Phys Med Rehabil</i> , 2007; 88 (10): 1229-35. Available from: https://doi.org/10.1016/j.apmr.2007.07.014 .	Wrong outcomes
Roelofs PD, Bierma-Zeinstra SM, van Poppel MN, van Mechelen W, Koes BW, van Tulder MW. Cost-effectiveness of lumbar supports for home care workers with recurrent low back pain: an economic evaluation alongside a randomized-controlled trial. <i>Spine</i> , 2010; 35 (26): E1619-26. Available from: https://doi.org/https://dx.doi.org/10.1097/BRS.0b013e3181cf7244 .	Wrong patient population
Rogers ES, Anthony WA, Lyass A, Penk WE. A Randomized Clinical Trial of Vocational Rehabilitation for People With Psychiatric Disabilities. <i>Rehabilitation Counseling Bulletin</i> , 2006; 49 (3): 143-56. Available from: https://doi.org/10.1177/00343552060490030201 .	Wrong patient population
Rolving N, Agerbo K, Aalkjær Clausen S, Denby KAR, Jacobsen AP, Langagergaard V. Does group-based cognitive therapy improve functional ability, pain, catastrophic thoughts and quality of life in patients with persistent low back pain and psychological risk factors? A randomised controlled trial in a secondary care setting. <i>Clinical Rehabilitation</i> , 2022; 36 (3): 317-30. Available from: https://doi.org/10.1177/02692155211056202 .	Wrong patient population
Ronzi Y, Petit A, Bontoux L, Dubus V, Roche G, Roquelaure Y, et al. Comparison of three physical conditioning strategies for chronic low back pain: A randomized. <i>Annals of Physical and Rehabilitation Medicine</i> , 2013; 56e310. Available from: https://doi.org/10.1016/j.rehab.2013.07.822 .	Wrong study design
Saha S, Grahn B, Gerdtham UG, Stigmar K, Holmberg S, Jarl J. Structured physiotherapy including a work place intervention for patients with neck and/or back pain in primary care: an economic evaluation. <i>Eur J Health Econ</i> , 2019; 20 (2): 317-27. Available from: https://doi.org/https://dx.doi.org/10.1007/s10198-018-1003-1 .	Wrong patient population

Reference	Reason for exclusion
Samsson KS, Larsson ME. Physiotherapy triage assessment of patients referred for orthopaedic consultation - Long-term follow-up of health-related quality of life, pain-related disability and sick leave. <i>Manual Ther</i> , 2015; 20 (1): 38-45. Available from: https://doi.org/https://dx.doi.org/10.1016/j.math.2014.06.009 .	Wrong patient population
Schlicker S, Baumeister H, Buntrock C, Sander L, Paganini S, Lin J, et al. A Web- and Mobile-Based Intervention for Comorbid, Recurrent Depression in Patients With Chronic Back Pain on Sick Leave (Get.Back): Pilot Randomized Controlled Trial on Feasibility, User Satisfaction, and Effectiveness. <i>JMIR Ment Health</i> , 2020; 7 (4): e16398. Available from: https://doi.org/https://dx.doi.org/10.2196/16398 .	Wrong outcomes
Seferlis T, Lindholm L, Nemeth G. Cost-minimisation analysis of three conservative treatment programmes in 180 patients sick-listed for acute low-back pain. <i>Scand J Prim Health Care</i> , 2000; 18 (1): 53-7.	Old data based on inclusion criteria
Sennehed CP, Holmberg S, Axen I, Stigmar K, Forsbrand M, Petersson IF, et al. Early workplace dialogue in physiotherapy practice improved work ability at 1-year follow-up-WorkUp, a randomised controlled trial in primary care. <i>Pain</i> , 2018; 159 (8): 1456-64. Available from: https://doi.org/https://dx.doi.org/10.1097/j.pain.0000000000001216 .	Wrong patient population
Shiri R, Kausto J, Martimo KP, Kaila-Kangas L, Takala EP, Viikari-Juntura E. Health-related effects of early part-time sick leave due to musculoskeletal disorders: a randomized controlled trial. <i>Scand J Work Environ Health</i> , 2013; 39 (1): 37-45. Available from: https://doi.org/https://dx.doi.org/10.5271/sjweh.3301 .	Wrong outcomes
Simula AS, Jenkins HJ, Hancock MJ, Malmivaara A, Booth N, Karppinen J. Patient education booklet to support evidence-based low back pain care in primary care - a cluster randomized controlled trial. <i>BMC Fam Pract</i> , 2021; 22 (1): 178. Available from: https://doi.org/https://dx.doi.org/10.1186/s12875-021-01529-2 .	Wrong patient population
Skagseth M, Fimland MS, Ivar Lund Nilsen T, Aasdahl L. Physical activity after inpatient occupational rehabilitation: Secondary outcomes of two randomized controlled trials. <i>Scand J Med Sci Sports</i> , 2020; 30 (2): 339-48. Available from: https://doi.org/https://dx.doi.org/10.1111/sms.13577 .	Wrong research question
Skagseth M, Fimland MS, Rise MB, Nilsen TIL, Aasdahl L. Return-to-work self-efficacy after occupational rehabilitation for musculoskeletal and common mental health disorders: Secondary outcomes of a randomized clinical trial. <i>J Rehabil Med</i> , 2021; 53 (1): jrm00146. Available from: https://doi.org/https://dx.doi.org/10.2340/16501977-2787 .	Wrong outcomes
Soegaard HJ. Low-effort intervention to reduce sickness absence. <i>Journal of Mental Health Policy and Economics</i> , 2011; 14S32-S33.	Wrong study design
Sogaard HJ, Bech P. The effect on length of sickness absence by recognition of undetected psychiatric disorder in long-term sickness absence. A randomized controlled trial. <i>Scand J Public Health</i> , 2009; 37 (8): 864-71. Available from: https://doi.org/https://dx.doi.org/10.1177/1403494809347551 .	Wrong patient population

Reference	Reason for exclusion
Sorensen PH, Bendix T, Manniche C, Korsholm L, Lemvig D, Indahl A, et al. An educational approach based on a non-injury model compared with individual symptom-based physical training in chronic LBP. A pragmatic, randomised trial with a one-year follow-up. <i>BMC Musculoskeletal Disorders</i> , 2010; 11:212-12. Available from: https://doi.org/10.1186/1471-2474-11-212 .	Wrong patient population
Stapelfeldt CM, Christiansen DH, Jensen OK, Nielsen CV, Petersen KD, Jensen C. Subgroup analyses on return to work in sick-listed employees with low back pain in a randomised trial comparing brief and multidisciplinary intervention. <i>BMC Musculoskelet Disord</i> , 2011; 12:112. Available from: https://doi.org/https://dx.doi.org/10.1186/1471-2474-12-112 .	Wrong research question
Stier-Jarmer M, Oberhauser C, Frisch D, Berberich G, Loew T, Schels-Klemens C, et al. A Multimodal Stress-Prevention Program Supplemented by Telephone-Coaching Sessions to Reduce Perceived Stress among German Farmers: Results from a Randomized Controlled Trial. <i>Int J Environ Res Public Health</i> , 2020; 17 (24): 10. Available from: https://doi.org/https://dx.doi.org/10.3390/ijerph17249227 .	Wrong patient population
Storheim K, Brox JI, Holm I, Koller AK, Bø K. Intensive group training versus cognitive intervention in sub-acute low back pain: short-term results of a single-blind randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2003; 35 (3): 132-40.	Short follow-up time
Streibelt M, Bürger W, Nieuwenhuijsen K, Bethge M. Effectiveness of Graded Return to Work After Multimodal Rehabilitation in Patients with Mental Disorders: A Propensity Score Analysis. <i>Journal of Occupational Rehabilitation</i> , 2018; 28 (1): 180-89. Available from: https://doi.org/10.1007/s10926-017-9709-y .	Wrong study design
Thorslund KW. Solution-focused group therapy for patients on long-term sick leave: A comparative outcome study. <i>Journal of Family Psychotherapy</i> , 2007; 18 (3): 11-24. Available from: https://doi.org/10.1300/J085v18n03_02 .	Short follow-up time
Vad VB, Bhat AL, Tarabichi Y. The role of the Back Rx exercise program in diskogenic low back pain: a prospective randomized trial. <i>Arch Phys Med Rehabil</i> , 2007; 88 (5): 577-82.	Wrong patient population
van Beurden KM, van der Klink JJ, Brouwers EP, Joosen MC, Mathijssen JJ, Terluin B, et al. Effect of an intervention to enhance guideline adherence of occupational physicians on return-to-work self-efficacy in workers sick-listed with common mental disorders. <i>BMC Public Health</i> , 2015; 15:796. Available from: https://doi.org/https://dx.doi.org/10.1186/s12889-015-2125-3 .	Short follow-up time
van der Feltz-Cornelis CM. Randomized controlled trial of psychiatric consultation embedded in continuing education to company physicians for employees with sick leave absence through psychiatric disorders. <i>Controlled-trials.com</i> , 2006.	Study protocol

Reference	Reason for exclusion
van der Roer N, van Tulder M, Barendse J, Knol D, van Mechelen W, de Vet H. Intensive group training protocol versus guideline physiotherapy for patients with chronic low back pain: a randomised controlled trial. <i>Eur Spine J</i> , 2008; 17 (9): 1193-200. Available from: https://doi.org/https://dx.doi.org/10.1007/s00586-008-0718-6 .	Wrong patient population
van Eijk-Hustings Y, Kroese M, Tan F, Boonen A, Bessems-Beks M, Landewe R. Challenges in demonstrating the effectiveness of multidisciplinary treatment on quality of life, participation and health care utilisation in patients with fibromyalgia: a randomised controlled trial. <i>Clin Rheumatol</i> , 2013; 32 (2): 199-209. Available from: https://doi.org/https://dx.doi.org/10.1007/s10067-012-2100-7 .	Wrong patient population
Verra ML, Angst F, Beck T, Lehmann S, Brioschi R, Schneiter R, et al. Horticultural therapy for patients with chronic musculoskeletal pain: results of a pilot study. <i>Alternative therapies in health and medicine</i> , 2012; 18 (2): 44-50.	Wrong patient population
Whitfill T, Haggard R, Bierner SM, Pransky G, Hassett RG, Gatchel RJ. Early intervention options for acute low back pain patients: a randomized clinical trial with one-year follow-up outcomes. <i>Journal of Occupational Rehabilitation</i> , 2010; 20 (2): 256-63. Available from: https://doi.org/10.1007/s10926-010-9238-4 .	Wrong patient population
Willert MV, Thulstrup AM, Bonde JP. Effects of a stress management intervention on absenteeism and return to work--results from a randomized wait-list controlled trial. <i>Scand J Work Environ Health</i> , 2011; 37 (3): 186-95. Available from: https://doi.org/https://dx.doi.org/10.5271/sjweh.3130 .	Wrong patient population
Winter L, Geldmacher J, Plucker-Boss K, Kahl KG. Integration of a Return-to-Work Module in Cognitive Behavioral Therapy in Patients With Major Depressive Disorder and Long-Term Sick Leave-A Feasibility Study. <i>Front Psychiatr</i> , 2020; 11:112. Available from: https://doi.org/https://dx.doi.org/10.3389/fpsy.2020.00512 .	Wrong study design
Wright A, Lloyd-Davies A, Williams S, Ellis R, Strike P. Individual active treatment combined with group exercise for acute and subacute low back pain. <i>Spine</i> , 2005; 30 (11): 1235-41.	Short follow-up time

Excluded due to NRSI-design (non-randomised studies of the effects of interventions)

Reference
Arnetz BB, Sjogren B, Rydehn B, Meisel R. Early workplace intervention for employees with musculoskeletal-related absenteeism: a prospective controlled intervention study. <i>J Occup Environ Med</i> , 2003; 45 (5): 499-506. Available from: https://doi.org/10.1097/01.jom.0000063628.37065.45 .
Brenninkmeijer V, Lagerveld SE, Blonk RWB, Schaufeli WB, Wijngaards-de Meij L. Predicting the Effectiveness of Work-Focused CBT for Common Mental Disorders: The Influence of Baseline Self-Efficacy, Depression and Anxiety. <i>Journal of Occupational Rehabilitation</i> . 2019;29(1):31-41. Available from: https://doi.org/https://dx.doi.org/10.1007/s10926-018-9760-3 .
Faber E, Bierma-Zeinstra SM, Burdorf A, Nauta AP, Hulshof CT, Overzier PM, et al. In a controlled trial training general practitioners and occupational physicians to collaborate did not influence sickleave of patients with low back pain. <i>J Clin Epidemiol</i> , 2005; 58 (1): 75-82.
Grossi G, Santell B. Quasi-experimental evaluation of a stress management programme for female county and municipal employees on long-term sick leave due to work-related psychological complaints. <i>Journal of Rehabilitation Medicine (Stiftelsen Rehabiliteringsinformation)</i> . 2009;41(8):632-8. Available from: https://doi.org/10.2340/16501977-0379 .
Jensen AGC. A two-year follow-up on a program theory of return to work intervention. <i>Work: Journal of Prevention, Assessment & Rehabilitation</i> . 2013;44(2):165-75.
Lagerveld SE, Blonk RW, Brenninkmeijer V, Wijngaards-de Meij L, Schaufeli WB. Work-focused treatment of common mental disorders and return to work: a comparative outcome study. <i>Journal of Occupational Health Psychology</i> . 2012;17(2):220-34. Available from: https://doi.org/https://dx.doi.org/10.1037/a0027049 .
Lander F, Friche C, Tornemand H, Andersen JH, Kirkeskov L. Can we enhance the ability to return to work among workers with stress-related disorders? <i>BMC Public Health</i> . 2009;9:372. Available from: https://doi.org/https://dx.doi.org/10.1186/1471-2458-9-372 .
Martin MH, Nielsen MB, Madsen IE, Petersen SM, Lange T, Rugulies R. Effectiveness of a coordinated and tailored return-to-work intervention for sickness absence beneficiaries with mental health problems. <i>Journal of Occupational Rehabilitation</i> . 2013;23(4):621-30. Available from: https://doi.org/https://dx.doi.org/10.1007/s10926-013-9421-5 .
Martin MH, Nielsen MB, Pedersen J, Rugulies R. Stability of return to work after a coordinated and tailored intervention for sickness absence compensation beneficiaries with mental health problems: results of a two-year follow-up study. <i>Disabil Rehabil</i> . 2015;37(22):2107-13. Available from: https://doi.org/https://dx.doi.org/10.3109/09638288.2014.1001524 .
Netterstrom B, Bech P. Effect of a multidisciplinary stress treatment programme on the return to work rate for persons with work-related stress. A non-randomized controlled study from a stress clinic. <i>BMC Public Health</i> , 2010; 10658. Available from: https://doi.org/https://dx.doi.org/10.1186/1471-2458-10-658 .
Noben C, Hoefsmit N, Evers S, de Rijk A, Houkes I, Nijhuis F. Economic Evaluation of a New Organizational RTW Intervention to Improve Cooperation Between Sick-Listed Employees and Their Supervisors: A Field Study. <i>J Occup Environ Med</i> . 2015;57(11):1170-7. Available from: https://doi.org/https://dx.doi.org/10.1097/JOM.0000000000000566 .
Norrefalk JR, Ekholm K, Linder J, Borg K, Ekholm J. Evaluation of a multiprofessional rehabilitation programme for persistent musculoskeletal-related pain: economic benefits of return to work. <i>J Rehabil Med</i> . 2008;40(1):15-22.

Stapelfeldt CM, Momsen AH, Jensen AB, Andersen NT, Nielsen CV. Municipal return to work management in cancer survivors: a controlled intervention study. <i>Acta Oncol.</i> 2021;60(3):370-8. Available from: https://doi.org/https://dx.doi.org/10.1080/0284186X.2020.1853227 .
Steiner AS, Sartori M, Leal S, Kupper D, Gallice JP, Rentsch D, et al. Added value of an intensive multidisciplinary functional rehabilitation programme for chronic low back pain patients. <i>Swiss Med Wkly.</i> 2013;143:w13763. Available from: https://doi.org/https://dx.doi.org/10.4414/smw.2013.13763 .
Storrø S, Moen J, Svebak S. Effects on sick-leave of a multidisciplinary rehabilitation programme for chronic low back, neck or shoulder pain: comparison with usual treatment. <i>J Rehabil Med.</i> 2004;36(1):12-6.
Westman A, Linton SJ, Ohrvik J, Wahlen P, Theorell T, Leppert J. Controlled 3-year follow-up of a multidisciplinary pain rehabilitation program in primary health care. <i>Disabil Rehabil.</i> 2010; 32 (4): 307-16. Available from: https://doi.org/https://dx.doi.org/10.3109/09638280903095924 .
Zigenfus GC, Yin J, Giang GM, Fogarty WT. Effectiveness of early physical therapy in the treatment of acute low back musculoskeletal disorders. <i>Journal of Occupational & Environmental Medicine.</i> 2000; 42 (1): 35-39.

Health economic studies with low quality or transferability

Reference	Assessment
<p>Arends I, Bültmann U, van Rhenen W, Groen H, van der Klink JJ. Economic evaluation of a problem solving intervention to prevent recurrent sickness absence in workers with common mental disorders. <i>PLoS One</i>. 2013 Aug 12;8(8):e71937. doi: 10.1371/journal.pone.0071937. PMID: 23951270; PMCID: PMC3741213.</p>	<p>Low methodological quality Medium high transferability</p>
<p>Björneklett HG, Rosenblad A, Lindemalm C, Ojutkangas ML, Letocha H, Strang P, Bergkvist L. A randomized controlled trial of support group intervention after breast cancer treatment: results on sick leave, health care utilization and health economy. <i>Acta Oncol</i>. 2013 Jan;52(1):38-47. doi: 10.3109/0284186X.2012.734921. Epub 2012 Oct 29. PMID: 23106175.</p>	<p>Low methodological quality High transferability</p>
<p>Busch H, Bodin L, Bergström G, Jensen IB. Patterns of sickness absence a decade after pain-related multidisciplinary rehabilitation. <i>Pain</i>. 2011 Aug;152(8):1727-1733. doi: 10.1016/j.pain.2011.02.004. Epub 2011 Apr 20. PMID: 21507573.</p>	<p>Low methodological quality High transferability</p>
<p>Finnes A, Enebrink P, Sampaio F, Sorjonen K, Dahl J, Ghaderi A, Nager A, Feldman I. Cost-Effectiveness of Acceptance and Commitment Therapy and a Workplace Intervention for Employees on Sickness Absence due to Mental Disorders. <i>J Occup Environ Med</i>. 2017 Dec;59(12):1211-1220. doi: 10.1097/JOM.0000000000001156. PMID: 28953070.</p>	<p>Low methodological quality Medium high transferability</p>
<p>Finnes A, Hoch JS, Enebrink P, Dahl J, Ghaderi A, Nager A, Feldman I. Economic evaluation of return-to-work interventions for mental disorder-related sickness absence: two years follow-up of a randomized clinical trial. <i>Scand J Work Environ Health</i>. 2022 May 1;48(4):264-272. doi: 10.5271/sjweh.4012. Epub 2022 Jan 30. PMID: 35094095.</p>	<p>Low methodological quality Medium high transferability</p>

Reference	Assessment
<p>Jensen C, Nielsen CV, Jensen OK, Petersen KD. Cost-effectiveness and cost-benefit analyses of a multidisciplinary intervention compared with a brief intervention to facilitate return to work in sick-listed patients with low back pain. <i>Spine (Phila Pa 1976)</i>. 2013 Jun 1;38(13):1059-67. doi: 10.1097/BRS.0b013e31828ca0af. PMID: 23429675.</p>	<p>Low methodological quality Medium high transferability</p>
<p>Haldorsen EM, Grasdahl AL, Skouen JS, Risa AE, Kronholm K, Ursin H. Is there a right treatment for a particular patient group? Comparison of ordinary treatment, light multidisciplinary treatment, and extensive multidisciplinary treatment for long-term sick-listed employees with musculoskeletal pain. <i>Pain</i>. 2002 Jan;95(1-2):49-63. doi: 10.1016/s0304-3959(01)00374-8. PMID: 11790467.</p>	<p>Low methodological quality Medium high transferability</p>
<p>Hlobil H, Uegaki K, Staal JB, de Bruyne MC, Smid T, van Mechelen W. Substantial sick-leave costs savings due to a graded activity intervention for workers with non-specific sub-acute low back pain. <i>Eur Spine J</i>. 2007 Jul;16(7):919-24. doi: 10.1007/s00586-006-0283-9. Epub 2006 Dec 21. PMID: 17186282; PMCID: PMC2219655.</p>	<p>Low methodological quality Medium high transferability</p>
<p>Jensen IB, Bergström G, Ljungquist T, Bodin L. A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain. <i>Pain</i>. 2005 Jun;115(3):273-283. doi: 10.1016/j.pain.2005.03.005. Epub 2005 Apr 19. PMID: 15911154.</p>	<p>Low methodological quality High transferability</p>
<p>Schweikert B, Jacobi E, Seitz R, Cziske R, Ehlert A, Knab J, Leidl R. Effectiveness and cost-effectiveness of adding a cognitive behavioral treatment to the rehabilitation of chronic low back pain. <i>J Rheumatol</i>. 2006 Dec;33(12):2519-26. PMID: 17143986.</p>	<p>Low methodological quality Low transferability</p>
<p>Skouen JS, Grasdahl AL, Haldorsen EM, Ursin H. Relative cost-effectiveness of extensive and light multidisciplinary treatment programs versus treatment as usual for patients with chronic low back pain on long-term sick leave: randomized controlled study. <i>Spine (Phila Pa 1976)</i>. 2002 May 1;27(9):901-9; discussion 909-10. doi: 10.1097/00007632-200205010-00002. PMID: 11979157.</p>	<p>Low methodological quality Medium high transferability</p>