

**Meyer, et al. Additional File 3: Full-text articles excluded, with reasons (n=84)**

- No control group of interest or no true control arm (n= 7)
- No exposure of interest (n= 4)
- No intervention of interest (n=4)
- No outcome of interest (n= 8)
- Non-randomized study (n=5)
- Other (n=2)
- Narrative reviews (n=2)
- Wrong population (n=18)
- Study protocol (n=27)
- Foreign language (n=2)
- Data not available (n=1)
- Wrong study design (n=4)

(Adlard et al., 2019)	Study protocol
(Alfano et al., 2017)	No outcome of interest
(Arikawa, Kaufman, Raatz, & Kurzer, 2018)	No true control arm
(Augustin et al., 2017)	Wrong population – non breast cancer survivors
(Azamian, Mobarekeh, Vismeh, & Gohar, 2015)	Paper in Arabic
(Bahl et al., 2005)	Wrong population – did not fulfill inclusion criteria
(Befort et al., 2014)	Study protocol
(Bera et al., 2020a)	Other – Corrigendum to: Proteomic Analysis of Inflammatory Biomarkers Associated With Breast Cancer Recurrence
(Bera et al., 2020b)	Data not available – no information on breast cancer stage or timing of blood draw
(Blackburn & Wang, 2007)	Wrong population - did not fulfill inclusion criteria
(Bobin-Dubigeon, Lefrançois, Classe, Joalland, & Bard, 2015)	Wrong population - did not fulfill inclusion criteria
(Bower et al., 2014)	No true control arm
(Bramwell et al., 2014)	Wrong population - did not fulfill inclusion criteria
(Calip et al., 2014)	Wrong population - did not fulfill inclusion criteria
(Cormie et al., 2016)	No intervention of interest
(Dittus et al., 2018)	No outcome of interest
(Duggan et al., 2011)	Wrong study design
(Duggan et al., 2013)	Wrong study design
(Fujii et al., 2014)	Wrong population - did not fulfill inclusion criteria

(Furberg, Veierød, Wilsgaard, Bernstein, & Thune, 2004)	Wrong population - did not fulfill inclusion criteria
(Galanti, Stefani, & Gensini, 2013)	Other- description of exercise program for Breast cancer survivors
(Gentry et al., 2018)	Study protocol
(Ghosh, Hughes, Parma, Ramirez, & Li, 2014)	No outcome of interest
(Giganti et al., 2016)	No outcome of interest
(Gnagnarella et al., 2016)	Study protocol
(Goodwin et al., 2002)	Wrong population – did not fulfill inclusion criteria
(Hutnick et al., 2005)	Non-randomized study
(M. R. Irwin et al., 2014)	No intervention of interest –Tai chi study
(M. L. Irwin et al., 2011)	Wrong study design
(Janelins et al., 2011)	No true control arm
(Johansen, Cintin, Jørgensen, Kamby, & Price, 1995)	Wrong population - did not fulfill inclusion criteria
(Jones et al., 2010)	No outcome of interest
(Knobf & Coviello, 2011)	Narrative review
(Kus, Cinkir, Aktas, & Abali, 2019)	No exposure of interest
(Larkey, Huberty, Pedersen, & Weihs, 2016)	No intervention of interest – Qigong, Tai chi study
(Long Parma et al., 2015)	No control arm
(McEligot et al., 1999)	No outcome of interest
(Meyerhardt et al., 2020)	Wrong population – cohort were breast cancer and colon cancer survivors
(Nelson et al., 2017)	Wrong population - did not fulfill inclusion criteria
(Nock et al., 2013)	Non-randomized study
(Nuri et al., 2014)	Paper in Arabic
(Oh et al., 2011)	Wrong population - did not fulfill inclusion criteria
(Owusu et al., 2020)	Study protocol
(Pierce et al., 2009)	Wrong study design
(Pudkasam et al., 2020)	Study protocol
(Ramirez et al., 2017)	Study protocol
(Reeves et al., 2016)	Study protocol
(Repka & Hayward, 2018)	Wrong population – did not fulfill inclusion criteria
(Rhone, Bielawski, Ziołkowska, Rość, & Ruszkowska-Ciastek, 2019)	No exposure of interest
(Rock et al., 2013)	No control group of interest
(Rock et al., 2008)	Study protocol
(Rothammer, Sage, Werner, Combs, & Multhoff, 2019)	Wrong population - did not fulfill inclusion criteria
(Sestak, Dowsett, Ferree, Baehner, & Cuzick, 2016)	No exposure of interest

(Skouroliakou et al., 2018)	Wrong population - did not fulfill inclusion criteria
(Sprod et al., 2012)	No intervention of interest – Qigong study
(Stoll, 1996)	Narrative review
(Stolley et al., 2017)	No outcome of interest
(Študentová et al., 2015)	No exposure of interest
(Thomson et al., 2010)	No true control arm – parallel arm study
(Walter et al., 2019)	Non-randomized study
(Zhang et al., 2019)	Wrong population – patients with Stage IV breast cancer were included
12-week Exercise Intervention Program Versus Observation in Early Stage Breast Cancer Patients on the Impact on Mental Health, Quality of Life and Immune Markers <a href="https://clinicaltrials.gov/show/NCT03518957">https://clinicaltrials.gov/show/NCT03518957</a>	Study protocol
A peer support program for the long-term maintenance of physical activity and health outcomes in breast, prostate and colorectal cancer survivors <a href="http://www.who.int/trialsearch/Trial2.aspx?TrialID=ACTRN12618001855213">http://www.who.int/trialsearch/Trial2.aspx?TrialID=ACTRN12618001855213</a>	Study protocol
Avanzando Juntas: adapting an Evidence Based Weight Loss Program for Hispanic Breast Cancer Survivors <a href="https://clinicaltrials.gov/show/NCT04321135">https://clinicaltrials.gov/show/NCT04321135</a>	Study protocol
Combined diet and exercise intervention among breast cancer survivors <a href="https://www.cochranelibrary.com/central/doi/10.1002/central/CN-01824672/full">https://www.cochranelibrary.com/central/doi/10.1002/central/CN-01824672/full</a>	Non-randomized study, Clinical trial register
Developing a Healthy Lifestyle in Breast Cancer Survivors <a href="https://clinicaltrials.gov/show/NCT02677857">https://clinicaltrials.gov/show/NCT02677857</a>	Study protocol
Development of exercise training regimen as second prevention for breast cancer survivors <a href="http://www.who.int/trialsearch/Trial2.aspx?TrialID=JPRN-UMIN000013475">http://www.who.int/trialsearch/Trial2.aspx?TrialID=JPRN-UMIN000013475</a>	Study protocol
Diet Composition, Weight Control, and Breast Carcinogenesis <a href="https://clinicaltrials.gov/show/NCT01315483">https://clinicaltrials.gov/show/NCT01315483</a>	Non-randomized study, Clinical trial register
Exercise in Improving Health and Quality of Life in Breast Cancer Survivors <a href="https://clinicaltrials.gov/show/NCT03679559">https://clinicaltrials.gov/show/NCT03679559</a>	Study protocol
EXERCISING TOGETHER© for Couples Coping With Cancer <a href="https://clinicaltrials.gov/show/NCT03630354">https://clinicaltrials.gov/show/NCT03630354</a>	Study protocol
Impact of Diet and Physical Activity Changes on Body Weight, Biomarkers and Quality of Life in Breast Cancer Survivors <a href="https://clinicaltrials.gov/show/NCT04096469">https://clinicaltrials.gov/show/NCT04096469</a>	Study protocol
Impact of Weight Loss Interventions for Overweight Breast Cancer Survivors <a href="https://www.cochranelibrary.com/central/doi/10.1002/central/CN-01534191/full">https://www.cochranelibrary.com/central/doi/10.1002/central/CN-01534191/full</a>	No outcome of interest, Clinical trial register
Part II: exercise in Hispanic Breast Cancer Survivors <a href="https://clinicaltrials.gov/show/NCT01504789">https://clinicaltrials.gov/show/NCT01504789</a>	Study protocol
Peer Counseling for Weight Loss <a href="https://clinicaltrials.gov/show/NCT00120029">https://clinicaltrials.gov/show/NCT00120029</a>	Study protocol
Physical activity adherence, psychological health and immunological outcomes (PAPHIO study) in breast cancer survivors <a href="http://www.who.int/trialsearch/Trial2.aspx?TrialID=ACTRN12619001271190">http://www.who.int/trialsearch/Trial2.aspx?TrialID=ACTRN12619001271190</a>	Study protocol

Physical activity in Breast Cancer survivors: effects on physical capacity and quality of life <a href="http://www.who.int/trialsearch/Trial2.aspx?TrialID=RBR-3fw9xf">http://www.who.int/trialsearch/Trial2.aspx?TrialID=RBR-3fw9xf</a>	Study protocol
Promoting weight loss through diet and exercise in overweight women with breast cancer <a href="http://www.who.int/trialsearch/Trial2.aspx?TrialID=ISRCTN53325751">http://www.who.int/trialsearch/Trial2.aspx?TrialID=ISRCTN53325751</a>	Study protocol
Rx for Better Breast Health <a href="https://clinicaltrials.gov/show/NCT02279303">https://clinicaltrials.gov/show/NCT02279303</a>	Study protocol
The Breast Cancer Personalized Nutrition Study <a href="https://clinicaltrials.gov/show/NCT04079270">https://clinicaltrials.gov/show/NCT04079270</a>	Study protocol
The effect of a long-term period interval and continuous exercise on some markers and inflammatory cytokines in breast cancer survivors <a href="http://www.who.int/trialsearch/Trial2.aspx?TrialID=IRCT20190731044398N2">http://www.who.int/trialsearch/Trial2.aspx?TrialID=IRCT20190731044398N2</a>	Study protocol
The MATCH Study: mindfulness And Tai Chi for Cancer Health <a href="https://clinicaltrials.gov/show/NCT02801123">https://clinicaltrials.gov/show/NCT02801123</a>	Study protocol
Using Behavioral Economics to Achieve Improved Healthy Behavior Outcomes in Breast Cancer Survivors <a href="https://clinicaltrials.gov/show/NCT02938780">https://clinicaltrials.gov/show/NCT02938780</a>	Study protocol
Weight Gain Prevention for Breast Cancer Survivors <a href="https://www.cochranefulltext.com/central/doi/10.1002/central/CN-01577018/full">https://www.cochranefulltext.com/central/doi/10.1002/central/CN-01577018/full</a>	Wrong population - did not fulfill inclusion criteria – Clinical trial register
Weight Loss Pilot Study in Postmenopausal Breast Cancer Survivors <a href="https://clinicaltrials.gov/show/NCT02940470">https://clinicaltrials.gov/show/NCT02940470</a>	No true control arm – parallel arm study, clinical trial register

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