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Effects of aerobic exercise on cardiotoxicity in people during or after chemotherapy treatment

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Introduction: The incidence of cancer in Brazil and around the world is increasing. The side effects caused by treatments are still a problem for people facing this disease. Cardiotoxicity induced by chemotherapy treatment is one of these side effects in people's lives during or after chemotherapy treatment. Among the strategies for mitigating cardiotoxicity, physical exercise has emerged as a non-pharmacological alternative. However, there is no consensus in the literature regarding which method, type and modality of exercise brings benefits to this population. **Objective:** To understand the effects of aerobic exercise on cardiotoxicity in people during of after chemotherapy treatment. **Methodology:** This is a systematic review project. The Transparent Reporting of System Reviews and Meta-analyses - PRISMA criteria will be followed. The searches will be carried out in the following databases: Medline via PubMed, Cochrane Central Library, Scientific Electronic Library Online (Scielo), and Latin American and Caribbean Literature in Health Sciences (Lilacs) via the Virtual Health Library (VHL). Using the descriptors: Exercise, Cardiotoxicity, Neoplasms and Chemotherapy, with Boolean operators "AND and "OR" between each sequence. No restrictions on the publication period and no language restrictions. Randomized or non-randomized clinical trials will be included, and data extraction will be carried out by two independent reviewers. The risk of bias in each study will be assessed using the Cochrane Collaboration's and it was submitted to PROSPERO.