



The Association between Physical Activity and Cancer Prevention, Recovery, and Recurrence: A Narrative Review

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E d i t o r	R e v i e w e r s
Farnaz Torabi ¹ Associate Professor of Physical Education of Motor Behavior of Payame Noor University. Tehran, Iran. Email: F.torabi@pnu.ac.ir	Reviewer 1: Masoumeh Abedini-Varamini ¹ Assistant Professor of Pediatric Infectious Disease, Department of Pediatrics, School of Medicine, Kurdistan University of Medical Sciences, Kurdistan, Iran. Email: MasoumehAbedini@muk.ac.ir Reviewer 2: Leila Youzbashi ¹ Department of sport science , Faculty of Humanities, University of Zanjan, Zanjan, Iran. Email: l.youzbashi@znu.ac.ir

1. Round 1

1.1 Reviewer 1

Date: 07 September 2023

Reviewer:

The review could benefit from a more detailed examination of contrasting studies or those with less conclusive results to present a balanced view of the current research landscape.

Consider including a broader range of studies, such as recent systematic reviews and meta-analyses, to strengthen the evidence base.

A more critical analysis of the studies' methodologies, sample sizes, and potential biases would provide readers with a clearer understanding of the evidence strength.

Expanding the discussion on barriers to integrating physical activity into cancer care with potential solutions or recommendations for healthcare providers could make the review more practical and actionable for readers.

Author revised the manuscript and uploaded the updated document.

1.2 Reviewer 2

Date: 10 September 2023

Reviewer:

Some sections could be expanded slightly to provide more depth, particularly the discussion on physiological mechanisms. Providing more specific examples or case studies could enhance understanding.

Ensure all references are up-to-date and consider including the most recent studies to reinforce the review's findings.

A brief evaluation of the quality of the studies reviewed (e.g., study design, sample size) could add value to the review's conclusions.

Suggestions for future research directions should include exploring the effectiveness of interventions designed to overcome identified barriers and promote physical activity among cancer patients.

The manuscript would benefit from a clearer structure, particularly in the results and discussion sections, to guide the reader through the complex information presented.

Simplifying technical language where possible, without compromising scientific accuracy, could make the paper more accessible to a broader audience, including patients and non-specialist readers.

The review should discuss the potential for publication bias in the literature on physical activity and cancer outcomes and how it might have influenced the findings presented.

Including a section on the ethical and practical considerations of implementing physical activity interventions in cancer care, especially concerning different patient populations' needs and capacities, would be valuable.

Strengthen the conclusion by summarizing key findings more succinctly, reiterating the practical implications for cancer prevention and care, and emphasizing urgent areas for future research.

Author revised the manuscript and uploaded the updated document.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.