

REVIEWER'S REPORT

Manuscript No.: IJAR-51882

Date: 28-05-2025

Title: Hypo-fractionated radiotherapy: a technical and societal innovation in the treatment of breast cancer.

Recommendation:

Accept as it is.....YES.....

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality			√	
Techn. Quality			√	
Clarity		√		
Significance			√	

Reviewer's Name: Dr Aamina

Reviewer's Decision about Paper: **Recommended for Publication.**

Comments (*Use additional pages, if required*)

Reviewer's Comment / Report

Abstract Review:

The abstract offers a comprehensive and well-structured overview of the study, successfully highlighting the clinical and societal dimensions of hypofractionated radiotherapy in early-stage breast cancer. It begins with a clear contextual statement regarding the importance of adjuvant radiotherapy and succinctly traces the evolution toward hypofractionated regimens. The rationale for this shift—comparable tumor control, favorable cosmetic outcomes, and improved patient quality of life—is effectively stated.

The study's focus on a retrospective analysis from the Mohammed VI Cancer Treatment Centre adds empirical depth and situates the research within a specific institutional framework. The inclusion of technical data (e.g., target volume coverage, histological types, and treatment protocols) alongside social data (e.g., return to professional and maternal roles) allows the abstract to integrate both clinical effectiveness and real-world impact.

Furthermore, the reference to globally recognized standards for toxicity assessment establishes the credibility of the methodology. The closing statement appropriately situates the research within a global scientific movement toward making hypofractionated radiotherapy a standard practice, reinforcing the study's relevance and contemporary significance.

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Scientific Relevance:

This abstract highlights an important and timely issue in oncology—the optimization of radiotherapy for breast cancer. It addresses clinical efficacy, safety, and the broader social implications, reflecting an interdisciplinary approach that is particularly relevant in patient-centered care models.

Methodological Clarity:

The retrospective nature of the study, selection criteria for patients, timeframe, and evaluation parameters are clearly mentioned. The use of modern conformal techniques and adherence to international standards for toxicity evaluation underscores methodological rigor.

Language and Style:

The abstract is written in a professional, scientific tone and maintains clarity throughout. It uses appropriate technical terminology while remaining accessible to a broad medical readership. It is logically organized, and the narrative flow supports comprehension.

Conclusion:

The abstract demonstrates a balanced and well-articulated presentation of both the technical and social aspects of hypofractionated radiotherapy. It effectively communicates the study's contributions to ongoing clinical practice and policy development in oncology.