



REVIEWER'S REPORT

Manuscript No.: IJAR-50477

Date: 04-03-2025

Title: Prognosis of Testicular Germ Cell Tumors: Experience from the Medical Oncology Department of Hassan II Hospital in Fez and a Review of the Literature

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

The manuscript titled '*Prognosis of Testicular Germ Cell Tumors: Experience from the Medical Oncology Department of Hassan II Hospital in Fez and a Review of the Literature*' presents a thorough and well-documented retrospective analysis of testicular germ cell tumors (GCTTs). The study effectively contextualizes the importance of GCTTs as a significant malignancy among young men and provides valuable insights into their prognosis, treatment outcomes, and survival rates.

The introduction is well-structured, offering a detailed epidemiological background on GCTTs, their classification, and their clinical significance. The discussion on the biological diversity of these tumors, including the distinction between seminomas and non-seminomas, is well-supported by relevant literature. The emphasis on serum biomarkers for diagnosis and prognosis adds depth to the study and highlights the clinical utility of these markers.

The methodology section is clearly outlined, specifying the retrospective nature of the study and the use of SPSS software for data analysis. The inclusion of patient characteristics and risk factors, such as cryptorchidism and disease staging, strengthens the study's findings. The use of the International Germ Cell Cancer Collaborative Group (IGCCCG) classification to stratify prognosis is a notable strength.

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The results are well-presented, with statistical details on survival rates, treatment responses, and disease progression. The Kaplan-Meier survival curves provide a visual representation of overall survival (OS) and progression-free survival (PFS), effectively illustrating the differences between seminomas and non-seminomas. The discussion on treatment regimens, including BEP and second-line therapies, aligns with established oncological practices and provides a comprehensive perspective on clinical outcomes.

Overall, this manuscript contributes valuable data to the existing body of knowledge on testicular germ cell tumors, particularly from a regional perspective. The findings are relevant to clinicians and researchers seeking to improve the management and prognosis of these tumors.