

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77500

Title: Prostate only radiotherapy using external beam radiotherapy: A clinician's perspective

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06128243

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: South Korea

Manuscript submission date: 2022-05-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-06 02:17

Reviewer performed review: 2022-05-18 02:05

Review time: 11 Days and 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This paper focuses on the external beam technical advancements, radiation dose and the radiation volume, summarizes and describes the progress of radiotherapy for prostate cancer. It describes the background of prostate cancer radiotherapy in detail, including some basic concepts of radiotherapy, and puts forward some problems that have not been fully studied at present, such as the comparison of the efficacy of WPRT and PORT in locally advanced cancer. Meanwhile, it expresses the necessity of the theme of this article. References of this paper are abundant, and its points of view are overall. It describes the advantages of fractionated radiotherapy and three methods of external beam radiotherapy compared with traditional radiotherapy. Inside, the description of the advancement of radiotherapy technology is very detailed and comprehensive. It describes exhaustive from 2D CRT to 3D CRT, intensity modulated radiotherapy (IMRT), stereotactic radiotherapy (SBRT) and image-guided radiotherapy (IGRT). The author collates and summarizes the data in the references. In addition to highlighting the maturity and applicability of IMRT, SBRT and IGRT technologies, and propose the uncertain curative effect in some patients, such as high-risk patients and elderly patients. It provides ideas for further research. In conclusion, author makes a summary of the article and gives a partial answer to the problem of radiotherapy management. At the same time, it puts forward the research directions in the future, such as the optimal dose and fractionation of RT, the combination of androgen deprivation therapy by risk group, fractionated radiotherapy and so on, which provides a certain reference values for another researchers in the future. Problems and deficiencies ① The language of the paper is not easy to understand, in which more professional terms are adopted and the

explanation is relatively simple. It is difficult for persons who know little about prostate cancer radiotherapy. They need to consult more materials to know what the author wants to express. ② There are many aspects of description in the introduction, which are more confused. Introduction describes too much about WPRT and ENI, which make readers easily ignore the main aspects of the article.

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Peer-review model: Single blind

Reviewer's code: 05481632

Position: Peer Reviewer

Academic degree: MCh

Professional title: Assistant Professor

Reviewer's Country/Territory: India

Author's Country/Territory: South Korea

Manuscript submission date: 2022-05-06

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-07-21 16:39

Reviewer performed review: 2022-07-24 02:35

Review time: 2 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Well written review article, it would be wonderful if you could add brachytherapy and SABR for prostate and their efficacy versus PORT for low risk and intermediate risk as it will complete your review

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Reviewer's code: 05449164

Position: Peer Reviewer

Academic degree: MDS

Professional title: Medical Assistant

Reviewer's Country/Territory: Peru

Author's Country/Territory: South Korea

Manuscript submission date: 2022-05-06

Reviewer chosen by: Dong-Mei Wang

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Reviewer performed review: 2022-08-03 15:40

Review time: 8 Days and 15 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This manuscript "Prostate only radiotherapy using external beam radiotherapy: A clinician's perspective" (Manuscript NO: 77500) proposed a detailed and comprehensive topic of current interest regarding radiotherapy in the prostate cancer management. I consider that this manuscript is publishable in the World Journal of Cases after some minor revision. I suggest to update NCCN reference to latest version (2022) and standardize format.