PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Oncology*

Manuscript NO: 85294

Title: The role of prophylactic central neck lymph node dissection for papillary thyroid carcinoma in the era of de-escalation

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02534290

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Doctor, Professor, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Romania

Author's Country/Territory: Greece

Manuscript submission date: 2023-04-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-01 03:20

Reviewer performed review: 2023-05-08 11:49

Review time: 7 Days and 8 Hours

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear Authors congratulations for the article. my comments try to follow the indications of the Journal: The title reflect adequately the main subject/hypothesis of the manuscript. The abstract summarize and reflect the work described in the manuscript? Keywords reflect the focus of the manuscript. Background is well described. Methods are described in adequate detail. Results are coming from the analysis of the relevant literature and improves knowledge after guideline of 2015. The relevance of the results are discussed adequately. Figures, diagrams, tables are sufficient good quality. Biostatistics are well. The manuscript appropriately cite the least, important and authoritative references. The manuscript well, concisely and coherently organized and presented? Is the style, language and grammar accurate and appropriate? The authors have prepared their manuscripts according to BPG's standards for manuscript type The manuscript meets the requirements of ethics.   The manuscript achieves un up to date upon the neccessity of prophylactic central neck lymphnodes dissection a matter of debate and not completely clarified in the 2015 ATA guidelines. interesting and valuable conclusions are drawn regarding the the prophylactic central neck lymph nodes

dissection.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01213078

Position: Editorial Board

Academic degree: PhD

Professional title: Professor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Greece

Manuscript submission date: 2023-04-24

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-05-16 13:02

Reviewer performed review: 2023-05-24 13:37

Review time: 8 Days

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No creativity or innovation

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Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [Y] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

In the manuscript, the author reviewed current literature to evaluate the role of prophylactic central neck lymph node dissection. Extensive literature were reviewed in the manucript, however, the manuscript is not well focused and need to be re-organize before publication. The debate over prophylactic central neck lymph node dissection in the era of de-escalation for the treatment of PTC were not well illustrated. The pros and cons of prophylactic central neck lymph node dissection is not discussed thoroughly in the manuscript.

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I appreciate the great effort of the author in conducting this interesting study. I have the following comments to improve the presentation of the study: 1. Abstract a. Please take care to write the abbreviation of the already used it such as PTC and pCND. b. Please check this abbreviation "cN1". c. There is no objective/s of the study at the end of the abstract. 2. Introduction: the "This study was based on the data of an extensive literature review from PubMed until March 2023, focusing on the comparison of the efficacy and surgical safety of its prophylactic performance. Only full-text papers published in the English language were included. Since the aim of this review was to study the efficacy and oncological completeness of thyroidectomy with or without central neck lymph node dissection for well-differentiated thyroid carcinoma, studies for nonmalignant thyroid pathologies were excluded." not belongs to the introduction section. 3. Tables are not enough to achieve the goals of the study. Therefore, it is of utmost importance to make a table/s of various studies to increase the validity of the study.   4. Conclusion: is too long (251 words) to follow, please try to reduce it as much as you can.