

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 86590

Title: Clinical application of multidisciplinary team- and evidence-based practice project in gynecological patients with perioperative hypothermia

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746464

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2023-08-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-03 08:32

Reviewer performed review: 2023-08-15 08:09

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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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
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

SPECIFIC COMMENTS TO AUTHORS

This study conducted top-down literature search according to the "6S" retrieval model, as well as rigorous literature screening and quality evaluation. The quality evaluation results of the included documents were all high, which ensured the reliability of the evidence sources. In order to make the summarized evidence of MDT nursing of gynecological patients at different stages of the perioperative period feasible, appropriate, effective and clinically significant, this study followed the FAME principle and invited relevant stakeholders from gynecology, anesthesiology and operating room to participate in the evidence selection, which enhanced the clinical practitioners' recognition of the evidence. Based on continuous quality improvement advocated by the KT model and drawing on the i-PARIHS framework, this study analyzed the barriers and facilitators in the application of evidence related to the prevention and management of PH in gynecological patients in pilot wards. After determining the major barriers, action strategies were drawn up and evidence-based intervention programs were formed. The whole process is standardized and scientific, which makes the EBP project scientific and feasible. They found that the MDT-based EBP project improves the



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implementation rate of examination indicators and enhances nurses' awareness of hypothermia prevention and management. Also, it reduces the incidence of PH in gynecological patients, improves the psychological status and cognitive function of gynecological patients during perioperative period. MDT facilitates the effective management of PH in gynecological patients. However, The MDT-based EBP project needs further continuous improvement. The manuscript is informative and well presentation. In the second paragraph of the article, while it is valuable to mention the role of the MDT model in healthcare, the paragraph jumps abruptly from discussing the KT framework to introducing the MDT model without clear transitional phrasing.

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Reviewer's code: 07746772

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

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Reviewer performed review: 2023-08-15 09:41

Review time: 13 Days

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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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
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

SPECIFIC COMMENTS TO AUTHORS

The summary applied the best evidence on the prevention and management of perioperative hypothermia in gynecological patients, to improve the quality of perioperative evidence-based care based on MDT treatment of gynecological patients, and to analyze the effect of MDT-based EB project on the psychological status and cognitive function of gynecological patients with PH. For discussion and conclusions, when mentioning the unsatisfactory implementation effect of some examination indicators and the need for further optimization of procedures and systems, it would be beneficial to provide a bit more detail on the specific areas needing improvement. This can help readers appreciate the challenges and potential avenues for future research or interventions. Consider expanding on the future directions or recommendations briefly mentioned at the end. What specific aspects related to the monitoring of patients' continuous body temperature during operation require further discussion? This will provide readers with a clearer understanding of the potential next steps and areas of focus in addressing PH in gynecological patients. By incorporating these revisions, the conclusion will become more comprehensive, informative, and provide a clearer



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overview of the study, its outcomes, and the implications for future research or interventions related to perioperative hypothermia in gynecology.