

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Oncology*

**Manuscript NO:** 89180

**Title:** Population-based x-ray gastric cancer screening in Hiroshima prefecture, Japan

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05929910

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2023-10-23

**Reviewer chosen by:** Yu-Lu Chen

**Reviewer accepted review:** 2023-11-15 12:46

**Reviewer performed review:** 2023-11-24 06:06

**Review time:** 8 Days and 17 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

1. The abstract states that X-ray gastric cancer screening has been shown to decrease mortality, but the mechanism and efficacy are not discussed in detail in the main text. It is recommended to add more information about the mechanism and efficacy of X-ray gastric cancer screening in the discussion section. 2. The article talks about the trends of the past four decades and the future challenges, but does not specify what these challenges are. It is recommended to add specific descriptions and analysis of future challenges in the discussion section. 3. Multiple institutions and authors are mentioned in the article, but the roles and contributions of each author and institution in the study are not clearly stated. It is recommended to add more information about the roles and contributions of each author and institution in the methods section. 4. The article talks about data analysis and data management, but does not specify which statistical methods and data management tools were used. It is recommended to add more information about the statistical methods and data management tools used in the methods section. 5. The article mentions the pathological and physiological mechanisms of gastric cancer, but does not specify the pathogenesis and prevention measures of

gastric cancer. It is recommended to add more information about the pathogenesis and prevention measures of gastric cancer in the discussion section. Please check the accuracy and completeness of references. In particular, I recommend quoting some relevant literature published in Baishideng Publishing Group, “Clinical value of serum pepsinogen in the diagnosis and treatment of gastric diseases”, for example, or any other similar references.