CHECKLIST OF RESPONSIBILITIES FOR SCIENTIFIC EDITORS

Manuscript page number (Without Figures): __22__ **Rate:** 6.2 CNY per page

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Figure count: __4__ **Figure handling time:** __65__ min **Rate:** 1 CNY per min

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Editing Fee: __36 CNY__

Manuscript word count: __6222__

Total Editing Fee: __237.4 CNY__

Item No.	Specific items for verification	Comments Yes=[Y] No= [N]
1	*General Information of the Manuscript* **Name of journal:** World Journal of Gastroenterology **Manuscript NO.:** 69952 **Column:** Minireviews **Title:** Advanced Imaging and Artificial Intelligence for Barrett's esophagus: what we should do and what we will (soon). **Authors:** Marco Spadaccini, Edoardo Vespa, Viveksandeep Thoguluva Chandrasekar, Madhav Desai, Harsh K Patel, Roberta Maselli, Alessandro Fugazza, Silvia Carrara, Andrea Anderloni, Gianluca Franchellucci, Alessandro De Marco, Cesare Hassan, Pradeep Bhandari, Prateek Sharma and Alessandro Repici **Reviewer code:** 00505755 **First decision:** 2021-08-06 19:46	[Y]

	Scientific Editor: Jia-Ru Fan **Date of signature:** __January/24/2022__ (month/day/year)	
2	*Editorial Office's Comments* **Science Editor:** 1. Scientific quality: The invited manuscript describes "Advanced Imaging and Artificial Intelligence for Barrett's esophagus: what we should do and what we will (soon)". The topic is within the scope of the WJG. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: (00505755): The application of artificial intelligence for gastrointestinal disease is very important. The more detailed explanation for the first real-time performance of the CAD system may be added in Artificial Intelligence section. (3) Format: There are 0 table and 4 figures; (4) References: A total of 48 references are cited, including 26 references published in the last 3 years; (5) Self-cited references: There are 0 self-cited references;(6) References recommendations: The authors have cited proper references. 2.Language evaluation: Classification: Grade A. 3 Academic norms and rules: The authors provided the Non-Native Speakers of English Editing Certificate. 4. Supplementary comments: The topic has not previously been published in the WJG. 5. Issues raised: NA. 6.Re-Review: Yes. 7. Recommendation: Conditional acceptance **Company Editor-in-Chief:** I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Gastroenterology, and the manuscript is	[Y]

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	conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Before final acceptance, uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...".	
3	The fixed headings are copied.	[Y]
4	The title concisely summarizes the main topic of the study and is not too long (no more than 18 words). Words such as 'exploration', 'research', 'analysis', 'observation', and 'investigation' are avoided. The title does not start with 'The' and does not include any Arabic numbers or uncommon abbreviations.	[Y]
5	A short running title is provided (no more than 6 words).	[Y]
6	The authors' full family (sur)names and full/abbreviated first names are listed on the title page and are consistent with those listed in the signed BPG Copyright License Agreement form.	[Y]
7	The 'Author contributions' passage describes the specific contribution(s) made by each author. The author's names are listed in the following format: full family (sur)name followed by abbreviated first and middles names. *e.g.*, "Wang CL and Liang L contributed equally to this work; Wang CL, Liang L, Fu JF, Zou CC, Hong F and Wu XM designed the research study; Wang CL, Zou CC, Hong F and Wu XM performed the research; Xue JZ and Lu JR contributed new reagents and analytic tools; Wang CL, Liang L and Fu JF analyzed the data; and Wang CL, Liang L and Fu JF wrote the manuscript. All authors have read and approve the final manuscript."	[Y]

8	The 'Supported by' statement describes the source(s) of financial support and includes the corresponding identification number(s) and program ID(s) if available, and contains no spelling errors.	[N]
9	The 'Corresponding author' passage provides the corresponding author's full first and family (sur)names, abbreviated title (*e.g.*, MD, PhD), affiliated institute's name and complete postal address (including zip code) and e-mail (written in all lowercase), and contains no spelling errors.	[Y]
10	The Manuscript Tracking information (*i.e.*, Received, Peer review started, First decision, Revised, Accepted, Article in press, and Published online) are provided along with the corresponding editor and date for each item, and contain no spelling errors.	[Y]
11	The Abstract section is formatted according to the article-specific style (structured *vs* unstructured) and word count thresholds, as follows: <u>Commentary, Frontier, Diagnostic Advances, Medical Ethics, Minireview, Review, Therapeutics Advances, and Topic Highlight</u>: Non-structured abstract that is no less than 200 words. <u>Field of Vision, Case Report and Letter to the Editor:</u> Non-structured abstract that is no less than 150 words. <u>Research articles:</u> Structured abstract with subsections for AIM (no more than 20 words); METHODS (no less than 80 words); RESULTS (no less than 120 words); and CONCLUSION (no more than 26 words).	[Y]
12	The 'Key words' list provides 5-10 keywords that reflect the main content of the study. The first letter of each keyword is capitalized, and each keyword is separated by a semicolon.	[Y]
13	The "citation" contains authors' names and manuscript title. The name of the first author should be typed in bold letters; the family (sur) name of all authors should be typed with the first letter	[Y]

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	capitalized, followed by their abbreviated first and middle initials. For example, an article by Jae Moon Yoon, Ki Young Son, Chun Sick Eom, Daniel Durrance, Sang Min Park will be written as Yoon JM, Son KY, Eom CS, Durrance D, Park SM. Pre-existing diabetes mellitus increases the risk of gastric cancer: A meta-analysis. *World J Gastroenterol* 2019; In press	
14	The 'Core tip' provides a summary (less than 100 words) of the study that outlines the most innovative and important arguments and core contents of the paper and will serve to effectively attract readers.	[Y]
15	The 'INTRODUCTION' section clearly describes the relevant background information for the study. Only the most relevant and current (within the past 5 years) literature is cited, with the exception of rare instances of seminal literature citations. All technical terms and/or abbreviations are explained and/or defined, with the full name of abbreviations given upon first appearance in the text and the abbreviation presented in parentheses [*i.e.*, "…computed tomography (CT)"]. First-person pronouns (*e.g.*, 'I', 'we') are used appropriately to clearly indicate the work performed by the author(s). When weaknesses of previous studies are described in the text to highlight the innovations related to the current study, the information is presented carefully.	[Y]
16	The 'MATERIALS AND METHODS' section clearly and accurately describes all materials and methods used to obtain the data presented in the article and is adequate for a reader to repeat the study.	[N]

17	The 'RESULTS' section concisely describes the observational and experimental results. Representative data and data that have scientific significance are emphasized. Data is presented in either the text, a table or figure (*i.e.*, chart, diagram, graph or image), but is not repeated among each. Information presented in the tables and figures clearly describes the trends, meaning, and inferences. Results described in textual form are accurate, concise and clear.	[N]
18	Statistical symbols are accurate. Statistical significance is expressed as $^aP < 0.05$, $^bP < 0.01$ ($P > 0.05$ usually does not need to be denoted). If there are other series of P values, $^cP < 0.05$ and $^dP < 0.01$ are used, and a third series of P values is expressed as $^eP < 0.05$ and $^fP < 0.01$. Statistical data is expressed as mean ± SD or mean ± SE.	[N]
19	The 'DISCUSSION' section (1) describes the main purpose and hypothesis of the study; (2) summarizes the most important results; (3) illustrates and explains the results (but does not simply repeat the data) and draws conclusions or inferences based on the results; (4) points out the limitations of the study and their impact on the results, as well as proposes further advice on future research topic(s) or direction(s); and (5) describes the theoretical significance and practical value of the findings.	[N]
20	The 'ACKNOWLEDGEMENTS' section expresses gratitude to any individuals or organizations for technical support (*i.e.*, providing instrumentation, equipment or experimental materials, and/or assistance in experimental work), non-technical services (*i.e.*, useful inspiration, suggestions, guidance, or review), and/or any other auxiliary work.	[N]
21	The 'ARTICLE HIGHLIGHTS' section provides comments for original articles in accordance with the specified format.	[N]

22	The 'REFERENCES' section lists the references in the Vancouver style. This style uses Arabic numeral in-text citations based on the order of the first appearance of a source in the text. For citations where the author's name is indicated in the text, a superscript number should be placed following the name (*i.e..*, "Pang *et al*"). For citations where no author is indicated, a superscript number should be placed at the end of the sentence. Respective examples are: "Ma[1] reported ......", "Pan *et al*[2-5] indicated ......"; "PCR has a high sensitivity[6,9]." No superscript numbers are used when the reference number is described in the text; for example, "The experimental method used has been described in reference [8]." The style of reference citations in tables is the same as that in the text (*e.g.*, Pan *et al*[2-5], please see reference [8]).	[Y]
23	Journal references have been verified to ensure that there are no duplicate references and that the PMID numbers are correct. For references not yet included in PubMed: the name of Chinese journals is spelled out using Chinese Pinyin, with the first letter of each word capitalized (*e.g.*, *Shijie Huaren Xiaohua Zazhi*); the name of journals in other languages are listed according to indexing information retrieved from Google. Book references are presented with all the information relevant to the electronic version.	[Y]
24	The number of cited references is appropriate for the article type, as follows: Commentary: no less than 50; Review: no less than 100; Article: no less than 30/26; Case Report and Letter to the Editor: no less than 1.	[Y]
25	The ethics-related statements are provided in accordance with the manuscript type (*e.g.*, Manuscript No.-Institutional review board statement, Manuscript No.-Animal care and use statement, *etc.*).	[N]

26	The names of the peer reviewers and the scientific editor are present at the end of the paper (*e.g.,* P-Reviewer: Hugot D S-Editor: Wang JL).	[Y]
27	The order and numerical labeling of tables and figures is consistent with their appearance and presentation in the text. Symbols in tables (*e.g.,* +, -, ×, ÷, *) correctly correspond to the definitions in the footnotes. Only one legend is provided for each multi-panel figure consisting of color graphs, black and white graphs, or line graphs that depicts data of the same theme. For example: **Figure 1** Pathological changes in atrophic gastritis tissue before and after treatment. A: …; B: …; C: …; D: …; E: …; F: ….	[Y]
28	Split pictures include flow charts, line graphs, histograms, and graphs including text. Unsplit pictures include meta-analysis diagrams, PCR amplification curves, and survival curves.	[Y]
29	The author(s) highlighted the changes made to the manuscript according to the peer-reviewers' comments.	[Y]
30	The responses to the peer-reviewers' comments are consistent with the changes made to the manuscript.	[Y]
31	The revised manuscript is provided (file name: Manuscript No.-Review; *e.g.,* 870- Review). The letter of peer-reviewers' comments is provided (file name: Manuscript No.-Peer-review(s); *e.g.,* 870-Peer-review(s)). The response letter is provided (file name: Manuscript No.-Answering reviewers; *e.g.,* 870-Answering reviewers).	[Y]
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	trial registration statement (file name: Manuscript No.-Clinical trial registration statement); (5) Institutional review board approval form or document (file name: Manuscript No.-Institutional review board statement); (6) Institutional animal care and use committee approval form or document (file name: Manuscript No.-Institutional animal care and use committee statement), and (7) Signed informed consent form(s) or document(s) (file name: Manuscript No.-Informed consent statement).	
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	(*e.g.*, 870-CrossCheck report). The Google searches have also been performed to further ensure publication of original content.	
38	The text of the manuscript is typed in Book Antiqua font, 12 pt, with 1.5 line spacing.	[Y]
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