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CHECKLIST OF RESPONSIBILITIES FOR SCIENTIFIC EDITORS

Manuscript page number: 36

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.:** 63075 **Column:** Minireviews **Title:** Deep learning for diagnosis of precancerous lesions in upper gastrointestinal endoscopy: A review **Authors:** Tao Yan, Pak Kin Wong and Ye Ying Qin **Reviewer code:** 03028174, and 00030847 **First decision:** 2021-03-14 06:13 **Scientific Editor:** Jia-Ru Fan **Date of signature:** April 8, 2021 (month/day/year)	[Y]
2	*Editorial Office's Comments* **Science Editor:** 1 Scientific quality: The manuscript describes a Minireview of the Deep learning for diagnosis of precancerous lesions in upper gastrointestinal endoscopy. The topic is within the scope of the WJG. (1) Classification: Grade B and Grade C; (2) Summary of the Peer-Review Report: It is a well-written paper. Author should add more details of the limitations and the disadvantages of the deep learning. The questions raised by the reviewers should be answered; (3) Format: There are 5 tables and 2	[Y]

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	figures; (4) References: A total of 74 references are cited, including 53 references published in the last 3 years; (5) Self-cited references: There are 2 self-cited references; and (6) References recommendations (kindly remind): The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade B and Grade B. 3 Academic norms and rules: TNo academic misconduct was found in the Bing search. 4 Supplementary comments: This is an invited manuscript. The study was supported by The Science and Technology Development Fund. The topic has not previously been published in the WJG. 5 Issues raised: (1) The language classification is Grade B. Please visit the following website for the professional English language editing companies we recommend: https://www.wjgnet.com/bpg/gerinfo/240; (2) The "Author Contributions" section is missing. Please provide the author contributions; (3) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s); (3) The authors did not provide original pictures. Please provide the	

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	original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; (4) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout; and (5) Please obtain permission for the use of picture(s). If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]". And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable. 6 Recommendation: Conditional acceptance.	

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	Editorial Office Director: Manuscript_FirstCommentByEditorialOfficeDirector **Company Editor-in-Chief:** I have reviewed the Peer-Review Report, 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 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.	
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]
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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	[Y]

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	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."	
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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]
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	words).	
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 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	[Y]
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]

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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]
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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]
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21	The 'ARTICLE HIGHLIGHTS' section provides comments for original articles in accordance with the specified format.	[N]
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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]
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30	The responses to the peer-reviewers' comments are consistent with the changes made to the manuscript.	[Y]
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