

ICMJE DISCLOSURE FORM

Date: _____ Jan. 7th, 2022 _____

Your Name: _____ Yue Yao _____

Manuscript Title: The influence of deep learning image reconstruction algorithm on the image quality and auto-analysis of pulmonary nodules in ultra-low dose chest CT: a phantom study

Manuscript number (if known): _____ QIMS-21-815 _____

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the current manuscript only.

The author's relationships/activities/interests should be defined broadly. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items, the time frame for disclosure is the past 36 months.

| | | Name all entities with whom you have this relationship or indicate none (add rows as needed) | Specifications/Comments (e.g., if payments were made to you or to your institution) |
|---|--|--|---|
| Time frame: Since the initial planning of the work | | | |
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item. | <u> X </u> None | |
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| Time frame: past 36 months | | | |
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | <u> X </u> None | |
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| 3 | Royalties or licenses | <u> X </u> None | |
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| 4 | Consulting fees | <u> X </u> None | |
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| 5 | Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events | <input checked="" type="checkbox"/> None | |
| 6 | Payment for expert testimony | <input checked="" type="checkbox"/> None | |
| 7 | Support for attending meetings and/or travel | <input checked="" type="checkbox"/> None | |
| 8 | Patents planned, issued or pending | <input checked="" type="checkbox"/> None | |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board | <input checked="" type="checkbox"/> None | |
| 10 | Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid | <input checked="" type="checkbox"/> None | |
| 11 | Stock or stock options | <input checked="" type="checkbox"/> None | |
| 12 | Receipt of equipment, materials, drugs, medical writing, gifts or other services | <input checked="" type="checkbox"/> None | |
| 13 | Other financial or non-financial interests | <input checked="" type="checkbox"/> None | |

Please summarize the above conflict of interest in the following box:

None

Please place an "X" next to the following statement to indicate your agreement:

I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: _____ Jan. 7th, 2022 _____

Your Name: _____ Baobin Guo _____

Manuscript Title: The influence of deep learning image reconstruction algorithm on the image quality and auto-analysis of pulmonary nodules in ultra-low dose chest CT: a phantom study

Manuscript number (if known): _____ QIMS-21-815 _____

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| 4 | Consulting fees | <input checked="" type="checkbox"/> None | |
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| 12 | Receipt of equipment, materials, drugs, medical writing, gifts or other services | <input checked="" type="checkbox"/> None | |
| 13 | Other financial or non-financial interests | <input checked="" type="checkbox"/> None | |

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None

Please place an "X" next to the following statement to indicate your agreement:

I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: ____ January, 10th, 2022 ____

Your Name: ____ Jianying Li ____

Manuscript Title: The influence of deep learning image reconstruction algorithm on the image quality and auto-analysis of pulmonary nodules in ultra-low dose chest CT: a phantom study

Manuscript number (if known): _QIMS-21-815_

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. “Related” means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item. | <u> X </u> None | |
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| Time frame: past 36 months | | | |
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | <u> X </u> None | |
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| 3 | Royalties or licenses | <u> X </u> None | |
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| 4 | Consulting fees | <u> X </u> None | |
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| 11 | Stock or stock options | <input checked="" type="checkbox"/> None | |
| 12 | Receipt of equipment, materials, drugs, medical writing, gifts or other services | <input checked="" type="checkbox"/> None | |
| 13 | Other financial or non-financial interests | | An employee of GE Healthcare |

Please summarize the above conflict of interest in the following box:

Jianying LI is an employee of GE Healthcare

Please place an "X" next to the following statement to indicate your agreement:

I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: _____ Jan. 9th, 2022 _____

Your Name: _____ Quanxin Yang _____

Manuscript Title: __ The influence of deep learning image reconstruction algorithm on the image quality and auto-analysis of pulmonary nodules in ultra-low dose chest CT: a phantom study _

Manuscript number (if known): _____ QIMS-21-815-R2 _____

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. “Related” means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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| Time frame: past 36 months | | | |
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | __X__ None | |
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| 3 | Royalties or licenses | __X__ None | |
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| 4 | Consulting fees | __X__ None | |
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| 13 | Other financial or non-financial interests | <input checked="" type="checkbox"/> None | |

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ICMJE DISCLOSURE FORM

Date: _____ Jan. 7th, 2022 _____

Your Name: _____ Xiaohui Li _____

Manuscript Title: The influence of deep learning image reconstruction algorithm on the image quality and auto-analysis of pulmonary nodules in ultra-low dose chest CT: a phantom study

Manuscript number (if known): _____ QIMS-21-815 _____

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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ICMJE DISCLOSURE FORM

Date: _____ Jan. 9th, 2022 _____

Your Name: _____ Lei Deng _____

Manuscript Title: The influence of deep learning image reconstruction algorithm on the image quality and auto-analysis of pulmonary nodules in ultra-low dose chest CT: a phantom study

Manuscript number (if known): QIMS-21-815-R2

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