Date:2	021-9-24
Your Name:_	Mingzheng Peng(The first author)
Manuscript T	Fitle: Augmented reality-assisted localization of solitary pulmonary nodules for precise sublobar lung
resection: a p	preliminary study using an animal model
Manuscript n	number (if known):TLCR-21-554

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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
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.	Science and Technology Commission of Shanghai Municipality (Grant number 18441901500) Shanghai Municipal Health Commission (Grant numbers 2018YQ61 and 2019SY047) National Natural Science Foundation of China (Grant numbers 82073191 and 81502480)	
		Time frame: past	36 months

2	Grants or contracts from	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	
5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
_	educational events	V Name	
6	Payment for expert testimony	XNone	
	testimony		
7	Support for attending	XNone	
,	meetings and/or travel		
	meetings and/or traver		
0	Datasta alamad isasad as	V None	
8	Patents planned, issued or pending	XNone	
	pending		
9	Participation on a Data	X None	
9	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	X None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment,	_XNone	
	materials, drugs, medical		
	writing, gifts or other		
4.5	services		
13	Other financial or non-	XNone	
	financial interests		

This work was supported by grants from the Science and Technology Commission of Shanghai Municipality (Grant number 18441901500), the Shanghai Municipal Health Commission (Grant

numbers 2018YQ61 and 2019SY047), and the National Natural Science Foundation of China (Grant numbers 82073191 and 81502480) awarded to Xinghua Cheng.

Please place an "X" next to the following statement to indicate your agreement:
_X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:	_2021-9-24		
Your Name	e:Lingming Yu	_(The second author)_	
Manuscrip	t Title: Augmented realit	y-assisted localization	of solitary pulmonary nodules for precise sublobar lung
resection:	a preliminary study using	g an animal model	
Manuscrip	t number (if known):	_TLCR-21-554	

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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
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.	Science and Technology Commission of Shanghai Municipality (Grant number 18441901500) Shanghai Municipal Health Commission (Grant numbers 2018YQ61 and 2019SY047) National Natural Science Foundation of China (Grant numbers 82073191 and 81502480)	
		Time frame: past	36 months

2	Grants or contracts from	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	
5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	V N	
6	Payment for expert testimony	XNone	
	testimony		
7	Support for attending	XNone	
′	meetings and/or travel	XNone	
	meetings and/or traver		
		V N	
8	Patents planned, issued or	XNone	
	pending		
_	Davidicio di cui cui a Data	V. Name	
9	Participation on a Data	XNone	
	Safety Monitoring Board or Advisory Board		
10		V Name	
10	Leadership or fiduciary role in other board, society,	XNone	
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	X None	
12	Receipt of equipment,	XNone	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

This work was supported by grants from the Science and Technology Commission of Shanghai Municipality (Grant number 18441901500), the Shanghai Municipal Health Commission (Grant

numbers 2018YQ61 and 2019SY047), and the National Natural Science Foundation of China (Grant numbers 82073191 and 81502480) awarded to Xinghua Cheng.

Please place an "X" next to the following statement to indicate your agreement:
_X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:	_2021-9-24	
Your Name	e:Yang Zhou	(The third author)
Manuscrip	t Title: Augmented real	ty-assisted localization of solitary pulmonary nodules for precise sublobar lung
resection:	a preliminary study usir	g an animal model
Manuscrip	t number (if known):	_TLCR-21-554

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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		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.	Science and Technology Commission of Shanghai Municipality (Grant number 18441901500) Shanghai Municipal Health Commission (Grant numbers 2018YQ61 and 2019SY047) National Natural Science Foundation of China (Grant numbers 82073191 and 81502480)	
		Time frame: past	36 months

2	Grants or contracts from	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	XNone	
4	Consulting fees	_XNone	
5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	XNone	
	testimony		
7	Commant for attending	V. None	
/	Support for attending meetings and/or travel	XNone	
	meetings and/or traver		
•	Determination and investigation	V. Nama	
8	Patents planned, issued or	XNone	
	pending		
_	Dantisia atian and Data	V. N	
9	Participation on a Data	XNone	
	Safety Monitoring Board or Advisory Board		
10	Leadership or fiduciary role	X None	
10	in other board, society,	XNone	
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	X None	
_			
12	Receipt of equipment,	XNone	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

This work was supported by grants from the Science and Technology Commission of Shanghai Municipality (Grant number 18441901500), the Shanghai Municipal Health Commission (Grant

numbers 2018YQ61 and 2019SY047), and the National Natural Science Foundation of China (Grant numbers 82073191 and 81502480) awarded to Xinghua Cheng.

Please place an "X" next to the following statement to indicate your agreement:
_X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:	_2021-9-24		
Your Name	e:Yunhai Yang	_(The forth author)	
Manuscrip	t Title: Augmented realit	y-assisted localization	n of solitary pulmonary nodules for precise sublobar lun
resection:	a preliminary study using	g an animal model	
Manuscrip	t number (if known):	_TLCR-21-554	

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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
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.	Science and Technology Commission of Shanghai Municipality (Grant number 18441901500) Shanghai Municipal Health Commission (Grant numbers 2018YQ61 and 2019SY047) National Natural Science Foundation of China (Grant numbers 82073191 and 81502480)	
		Time frame: past	36 months

2	Grants or contracts from	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	XNone	
4	Consulting fees	X None	
	G		
5	Payment or honoraria for	X None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	_XNone	
	testimony		
7	Support for attending	XNone	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	_XNone	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	XNone	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment,	XNone	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

This work was supported by grants from the Science and Technology Commission of Shanghai Municipality (Grant number 18441901500), the Shanghai Municipal Health Commission (Grant

numbers 2018YQ61 and 2019SY047), and the National Natural Science Foundation of China (Grant numbers 82073191 and 81502480) awarded to Xinghua Cheng.

Please place an "X" next to the following statement to indicate your agreement:
_X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:	_2021-9-24			
Your Name	:Qingquan Luo	(The fifth author)		
Manuscrip	t Title: Augmented realit	y-assisted localization	of solitary pulmonary nodules for precise sublobar lur	۱g
resection:	a preliminary study using	g an animal model		
Manuscrip	t number (if known):	_TLCR-21-554		

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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
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.	Science and Technology Commission of Shanghai Municipality (Grant number 18441901500) Shanghai Municipal Health Commission (Grant numbers 2018YQ61 and 2019SY047) National Natural Science Foundation of China (Grant numbers 82073191 and 81502480)	
		Time frame: past	36 months

2	Grants or contracts from	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	
5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	XNone	
	testimony		
-	6	V N	
7	Support for attending meetings and/or travel	XNone	
	meetings and/or travel		
8	Patents planned, issued or	_XNone	
	pending		
_			
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
4.0	Advisory Board		
10	Leadership or fiduciary role	XNone	
	in other board, society, committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	X None	
11	Stock of Stock options		
12	Receipt of equipment,	XNone	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

This work was supported by grants from the Science and Technology Commission of Shanghai Municipality (Grant number 18441901500), the Shanghai Municipal Health Commission (Grant

numbers 2018YQ61 and 2019SY047), and the National Natural Science Foundation of China (Grant numbers 82073191 and 81502480) awarded to Xinghua Cheng.

Please place an "X" next to the following statement to indicate your agreement:
_X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:	_2021-9-24_						
Your Name	e:Xinghua	Cheng	(The corresponding	ng author)			
Manuscrip	t Title: Augm	nented reality	y-assisted localization	n of solitary pu	lmonary nodul	es for precise s	ublobar lung
resection:	a preliminar	y study using	an animal model				
Manuscrip	t number (if	known):	_TLCR-21-554				

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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
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.	Science and Technology Commission of Shanghai Municipality (Grant number 18441901500) Shanghai Municipal Health Commission (Grant numbers 2018YQ61 and 2019SY047) National Natural Science Foundation of China (Grant numbers 82073191 and 81502480)	
		Time frame: past	36 months

2	Grants or contracts from	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	
5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	V N	
6	Payment for expert testimony	XNone	
	testimony		
7	Support for attending	XNone	
′	meetings and/or travel	XNone	
	meetings and/or traver		
_	Data at a share of the same	V. Name	
8	Patents planned, issued or	XNone	
	pending		
_	Dankisia skiana ana Daka	V None	
9	Participation on a Data Safety Monitoring Board or	_XNone	
	Advisory Board		
10	Leadership or fiduciary role	X None	
10	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	X None	
	•		
12	Receipt of equipment,	XNone	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

This work was supported by grants from the Science and Technology Commission of Shanghai Municipality (Grant number 18441901500), the Shanghai Municipal Health Commission (Grant

numbers 2018YQ61 and 2019SY047), and the National Natural Science Foundation of China (Grant numbers 82073191 and 81502480) awarded to Xinghua Cheng.

Please place an "X" next to the following statement to indicate your agreement:
_X I certify that I have answered every question and have not altered the wording of any of the questions on this form.