**Date:**2021.07.26

Your Name: Ting Zheng

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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 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,	Natural Science Foundation of Fujian Province (2018J01246)	institution
	medical writing, article processing charges, etc.)  No time limit for this item.	High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ23)	institution
		High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ21)	institution
		Training Project for Talents of Fujian Provincial Health Commission (2019-ZQN-1)	institution
		Provincial special subsidy funds for health care of	institution

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		Fujian Provincial	
		Department of Finance	
		(No. 2020467)	
		Fujian Science and	institution
		Technology Innovation	
		Joint Foundation (Major	
		Program) (2019Y9028)	
		Natural Science	institution
		Foundation of Fujian	
		Province (2020J011078);	
		Medical Innovation Project	institution
		of Fujian Province	
		(2020CXB002)	
		Fujian Undergraduate	institution
		Education and Teaching	
		Reform Research Major	
		Project (FBJG20200022)	
		Education and Teaching	institution
		Reform Research Project	Institution
		of Fujian Medical	
		University (J20001)	
			2C months
2	Grants or contracts from	Time frame: past	50 months
2		None	
	any entity (if not indicated		
_	in item #1 above).		
3	Royalties or licenses	None	
4	Consulting fees	None	
4	Consulting fees	None	
4		None	
4	Payment or honoraria for	None None	
	Payment or honoraria for lectures, presentations,		
	Payment or honoraria for lectures, presentations, speakers bureaus,		
	Payment or honoraria for lectures, presentations,		
	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events		
	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events  Payment for expert		
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events  Payment for expert	None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events  Payment for expert	None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events  Payment for expert testimony	None None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending	None None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending	None None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending	None None	
6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel	None  None  None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel  Patents planned, issued or	None None	
6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel	None  None  None	
5 6 7	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel  Patents planned, issued or pending	None  None  None  None	
6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel  Patents planned, issued or pending  Participation on a Data	None  None  None	
5 6 7	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel  Patents planned, issued or pending  Participation on a Data Safety Monitoring Board or	None  None  None  None	
5 6 7	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel  Patents planned, issued or pending  Participation on a Data Safety Monitoring Board or Advisory Board	None  None  None  None	
5 6 7	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony  Support for attending meetings and/or travel  Patents planned, issued or pending  Participation on a Data Safety Monitoring Board or	None  None  None  None	

	in other board, society, committee or advocacy group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non- financial interests	None	

This study was funded by the Natural Science Foundation of Fujian Province (2018J01246); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ23); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ21); Training Project for Talents of Fujian Provincial Health Commission (2019-ZQN-1); Provincial special subsidy funds for health care of Fujian Provincial Department of Finance (No. 2020467); Fujian Science and Technology Innovation Joint Foundation (Major Program) (2019Y9028); Natural Science Foundation of Fujian Province (2020J011078); Medical Innovation Project of Fujian Province (2020CXB002); Fujian Undergraduate Education and Teaching Reform Research Major Project (FBJG20200022); Education and Teaching Reform Research Project of Fujian Medical University (J20001).

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

**Date:**2021.07.26

Your Name: Chun-Ying Zheng

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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 manuscript only</u>.

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		Name all entities with	Specifications/Comments
		whom you have this	(e.g., if payments were made to you or to your
		relationship or indicate	institution)
		none (add rows as	
		needed)	
		Time frame: Since the initial	planning of the work
1	All support for the present	Natural Science	institution
	manuscript (e.g., funding,	Foundation of Fujian	
	provision of study materials,	Province (2018J01246)	
	medical writing, article	High-level hospital foster	institution
	processing charges, etc.)	grants from Fujian	
	No time limit for this item.	Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ23)	
		High-level hospital foster	institution
		grants from Fujian	
		Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ21)	
		Training Project for Talents	institution
		of Fujian Provincial Health	
		Commission (2019-ZQN-1)	
		Provincial special subsidy	institution

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		funds for health care of Fujian Provincial	
		Department of Finance (No. 2020467)	
		Fujian Science and	institution
		Technology Innovation	
		Joint Foundation (Major Program) (2019Y9028)	
		Natural Science	institution
		Foundation of Fujian	
		Province (2020J011078);	
		Medical Innovation Project	institution
		of Fujian Province (2020CXB002)	
		Fujian Undergraduate	institution
		Education and Teaching	
		Reform Research Major	
		Project (FBJG20200022)	lingata.at.
		Education and Teaching Reform Research Project	institution
		of Fujian Medical	
		University (J20001)	
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated in item #1 above).		
3	Royalties or licenses	None	
	noyunies of neerises	TTOTIC	
4	Consulting fees	None	
5	Payment or honoraria for	None	
,	lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or		
	educational events	Nama	
6	Payment for expert testimony	None	
	testimony		
7	Support for attending	None	
	meetings and/or travel		
	Data at a ulcument	News	
8	Patents planned, issued or pending	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		

10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

This study was funded by the Natural Science Foundation of Fujian Province (2018J01246); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ23); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ21); Training Project for Talents of Fujian Provincial Health Commission (2019-ZQN-1); Provincial special subsidy funds for health care of Fujian Provincial Department of Finance (No. 2020467); Fujian Science and Technology Innovation Joint Foundation (Major Program) (2019Y9028); Natural Science Foundation of Fujian Province (2020J011078); Medical Innovation Project of Fujian Province (2020CXB002); Fujian Undergraduate Education and Teaching Reform Research Major Project (FBJG20200022); Education and Teaching Reform Research Project of Fujian Medical University (J20001).

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

Date:2021.07.26

Your Name: Lai-Peng Yan

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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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		Name all entities with	Specifications/Comments
		whom you have this	(e.g., if payments were made to you or to your
		relationship or indicate	institution)
		none (add rows as	
		needed)	
		Time frame: Since the initial	planning of the work
1	All support for the present	Natural Science	institution
	manuscript (e.g., funding,	Foundation of Fujian	
	provision of study materials,	Province (2018J01246)	
	medical writing, article	High-level hospital foster	institution
	processing charges, etc.)	grants from Fujian	
	No time limit for this item.	Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ23)	
		High-level hospital foster	institution
		grants from Fujian	
		Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ21)	
		Training Project for Talents	institution
		of Fujian Provincial Health	
		Commission (2019-ZQN-1)	
		Provincial special subsidy	institution

	T	1	
		funds for health care of Fujian Provincial	
		Department of Finance (No. 2020467)	
		Fujian Science and	institution
		Technology Innovation	
		Joint Foundation (Major Program) (2019Y9028)	
		Natural Science	institution
		Foundation of Fujian	
		Province (2020J011078);	
		Medical Innovation Project	institution
		of Fujian Province (2020CXB002)	
		Fujian Undergraduate	institution
		Education and Teaching	
		Reform Research Major	
		Project (FBJG20200022)	lingata.at.
		Education and Teaching Reform Research Project	institution
		of Fujian Medical	
		University (J20001)	
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated in item #1 above).		
3	Royalties or licenses	None	
	noyunies of neerises	TTOTIC	
4	Consulting fees	None	
5	Payment or honoraria for	None	
,	lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or		
	educational events	Nama	
6	Payment for expert testimony	None	
	testimony		
7	Support for attending	None	
	meetings and/or travel		
	Data at a ulcument	News	
8	Patents planned, issued or pending	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		

10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

This study was funded by the Natural Science Foundation of Fujian Province (2018J01246); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ23); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ21); Training Project for Talents of Fujian Provincial Health Commission (2019-ZQN-1); Provincial special subsidy funds for health care of Fujian Provincial Department of Finance (No. 2020467); Fujian Science and Technology Innovation Joint Foundation (Major Program) (2019Y9028); Natural Science Foundation of Fujian Province (2020J011078); Medical Innovation Project of Fujian Province (2020CXB002); Fujian Undergraduate Education and Teaching Reform Research Major Project (FBJG20200022); Education and Teaching Reform Research Project of Fujian Medical University (J20001).

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

Date:2021.07.26

Your Name: Hui-Ling Guo

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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1	All support for the present	Natural Science	institution
	manuscript (e.g., funding,	Foundation of Fujian	
	provision of study materials,	Province (2018J01246)	
	medical writing, article	High-level hospital foster	institution
	processing charges, etc.)	grants from Fujian	
	No time limit for this item.	Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ23)	
		High-level hospital foster	institution
		grants from Fujian	
		Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ21)	
		Training Project for Talents	institution
		of Fujian Provincial Health	
		Commission (2019-ZQN-1)	
		Provincial special subsidy	institution

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		funds for health care of Fujian Provincial	
		Department of Finance (No. 2020467)	
		Fujian Science and	institution
		Technology Innovation	
		Joint Foundation (Major Program) (2019Y9028)	
		Natural Science	institution
		Foundation of Fujian	
		Province (2020J011078);	
		Medical Innovation Project	institution
		of Fujian Province (2020CXB002)	
		Fujian Undergraduate	institution
		Education and Teaching	
		Reform Research Major	
		Project (FBJG20200022)	lingata.at.
		Education and Teaching Reform Research Project	institution
		of Fujian Medical	
		University (J20001)	
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated in item #1 above).		
3	Royalties or licenses	None	
	noyunies of neerises	TTOTIC	
4	Consulting fees	None	
5	Payment or honoraria for	None	
,	lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or		
	educational events	Nama	
6	Payment for expert testimony	None	
	testimony		
7	Support for attending	None	
	meetings and/or travel		
	Data at a ulcument	News	
8	Patents planned, issued or pending	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		

10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

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

Date:2021.07.26

Your Name: Yi You

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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		Name all entities with	Specifications/Comments
		whom you have this	(e.g., if payments were made to you or to your
		relationship or indicate	institution)
		none (add rows as	
		needed)	
		Time frame: Since the initial	planning of the work
1	All support for the present	Natural Science	institution
	manuscript (e.g., funding,	Foundation of Fujian	
	provision of study materials,	Province (2018J01246)	
	medical writing, article	High-level hospital foster	institution
	processing charges, etc.)	grants from Fujian	
	No time limit for this item.	Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ23)	
		High-level hospital foster	institution
		grants from Fujian	
		Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ21)	
		Training Project for Talents	institution
		of Fujian Provincial Health	
		Commission (2019-ZQN-1)	
		Provincial special subsidy	institution

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		funds for health care of Fujian Provincial	
		Department of Finance (No. 2020467)	
		Fujian Science and	institution
		Technology Innovation	
		Joint Foundation (Major Program) (2019Y9028)	
		Natural Science	institution
		Foundation of Fujian	
		Province (2020J011078);	
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		of Fujian Province (2020CXB002)	
		Fujian Undergraduate	institution
		Education and Teaching	
		Reform Research Major	
		Project (FBJG20200022)	lingata.at.
		Education and Teaching Reform Research Project	institution
		of Fujian Medical	
		University (J20001)	
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated in item #1 above).		
3	Royalties or licenses	None	
	Hoyardes of heemses	TTOTIC	
4	Consulting fees	None	
5	Payment or honoraria for	None	
,	lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or		
	educational events	Nama	
6	Payment for expert testimony	None	
	Costillony		
7	Support for attending	None	
	meetings and/or travel		
	Dakanda ulaura di 1	News	
8	Patents planned, issued or pending	None	
	Pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		

10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

This study was funded by the Natural Science Foundation of Fujian Province (2018J01246); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ23); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ21); Training Project for Talents of Fujian Provincial Health Commission (2019-ZQN-1); Provincial special subsidy funds for health care of Fujian Provincial Department of Finance (No. 2020467); Fujian Science and Technology Innovation Joint Foundation (Major Program) (2019Y9028); Natural Science Foundation of Fujian Province (2020J011078); Medical Innovation Project of Fujian Province (2020CXB002); Fujian Undergraduate Education and Teaching Reform Research Major Project (FBJG20200022); Education and Teaching Reform Research Project of Fujian Medical University (J20001).

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

**Date:**2021.07.26

Your Name: Peng Ye

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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	medical writing, article	High-level hospital foster	institution
	processing charges, etc.)	grants from Fujian	
	No time limit for this item.	Provincial Hospital, Fujian	
		Province, China	
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		High-level hospital foster	institution
		grants from Fujian	
		Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ21)	
		Training Project for Talents	institution
		of Fujian Provincial Health	
		Commission (2019-ZQN-1)	
		Provincial special subsidy	institution

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		funds for health care of Fujian Provincial	
		Department of Finance (No. 2020467)	
		Fujian Science and	institution
		Technology Innovation	
		Joint Foundation (Major Program) (2019Y9028)	
		Natural Science	institution
		Foundation of Fujian	
		Province (2020J011078);	
		Medical Innovation Project	institution
		of Fujian Province (2020CXB002)	
		Fujian Undergraduate	institution
		Education and Teaching	
		Reform Research Major	
		Project (FBJG20200022)	lineata.ata
		Education and Teaching Reform Research Project	institution
		of Fujian Medical	
		University (J20001)	
		Time frame: past	36 months
2	Grants or contracts from	None	
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3	Royalties or licenses	None	
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4	Consulting fees	None	
5	Payment or honoraria for	None	
,	lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or		
	educational events	Nama	
6	Payment for expert testimony	None	
	Costillony		
7	Support for attending	None	
	meetings and/or travel		
	Dakanda ulaura di 1	News	
8	Patents planned, issued or pending	None	
	Pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		

10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

This study was funded by the Natural Science Foundation of Fujian Province (2018J01246); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ23); High-level hospital foster grants from Fujian Provincial Hospital, Fujian Province, China (2019HSJJ21); Training Project for Talents of Fujian Provincial Health Commission (2019-ZQN-1); Provincial special subsidy funds for health care of Fujian Provincial Department of Finance (No. 2020467); Fujian Science and Technology Innovation Joint Foundation (Major Program) (2019Y9028); Natural Science Foundation of Fujian Province (2020J011078); Medical Innovation Project of Fujian Province (2020CXB002); Fujian Undergraduate Education and Teaching Reform Research Major Project (FBJG20200022); Education and Teaching Reform Research Project of Fujian Medical University (J20001).

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

**Date:**2021.07.26

Your Name: Bin Hu

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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 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	Specifications/Comments
		whom you have this	(e.g., if payments were made to you or to your
		relationship or indicate	institution)
		none (add rows as	
		needed)	
		Time frame: Since the initial	planning of the work
1	All support for the present	Natural Science	institution
	manuscript (e.g., funding,	Foundation of Fujian	
	provision of study materials,	Province (2018J01246)	
	medical writing, article	High-level hospital foster	institution
	processing charges, etc.)	grants from Fujian	
	No time limit for this item.	Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ23)	
		High-level hospital foster	institution
		grants from Fujian	
		Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ21)	
		Training Project for Talents	institution
		of Fujian Provincial Health	
		Commission (2019-ZQN-1)	
		Provincial special subsidy	institution

	T	1	
		funds for health care of Fujian Provincial	
		Department of Finance (No. 2020467)	
		Fujian Science and	institution
		Technology Innovation	
		Joint Foundation (Major Program) (2019Y9028)	
		Natural Science	institution
		Foundation of Fujian	
		Province (2020J011078);	
		Medical Innovation Project	institution
		of Fujian Province (2020CXB002)	
		Fujian Undergraduate	institution
		Education and Teaching	
		Reform Research Major	
		Project (FBJG20200022)	lineata.ata
		Education and Teaching Reform Research Project	institution
		of Fujian Medical	
		University (J20001)	
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated in item #1 above).		
3	Royalties or licenses	None	
	noyunies of neerises	TTOTIC	
4	Consulting fees	None	
5	Payment or honoraria for	None	
,	lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or		
	educational events	Nama	
6	Payment for expert testimony	None	
	testimony		
7	Support for attending	None	
	meetings and/or travel		
	Data at a ulcument	News	
8	Patents planned, issued or pending	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		

10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
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### Please place an "X" next to the following statement to indicate your agreement:

**Date:**2021.07.26

Your Name: Xiao-Chun Zheng

Manuscript Title: Comparing the minimum local anesthetic dose of ropivacaine in real-time ultrasound-guided spinal anesthesia and traditional landmark-guided spinal anesthesia: a randomized controlled trial of knee surgery patients

Manuscript number (if known):

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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		(2019HSJJ23)	
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		grants from Fujian	
		Provincial Hospital, Fujian	
		Province, China	
		(2019HSJJ21)	
		Training Project for Talents	institution
		of Fujian Provincial Health	
		Commission (2019-ZQN-1)	
		Provincial special subsidy	institution

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		funds for health care of Fujian Provincial	
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		Technology Innovation	
		Joint Foundation (Major Program) (2019Y9028)	
		Natural Science	institution
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		Province (2020J011078);	
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8	Patents planned, issued or pending	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		

10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
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	services		
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