Date:6/1/2021
Your Name:Yang Sheng
Manuscript Title: A Data-driven Approach to Optimal Beam/Arc Angle Selection for Liver Stereotactic Body Radiation
Therapy Treatment Planning
Manuscript number (if known):QIMS-21-169

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 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.	None	This work is partially supported by NIH R01CA201212 research grant and Varian master research grant.
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

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 meetings and/or travel	xNone	
8	Patents planned, issued or	None	I report patent "Systems and methods for automatic,
	pending		customized radiation treatment plan generation for cancer" has been filed.
			cancer has been filed.
9	Participation on a Data	x None	
	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		

I report funding support from NIH R01CA201212 research grant and Varian master research grant. Patent titled "Systems and methods for automatic, customized radiation treatment plan generation for cancer" was filed.

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

Date:	_6/1/2021
Your Name:	Taoran Li
Manuscript	Title: A Data-driven Approach to Optimal Beam/Arc Angle Selection for Liver Stereotactic Body Radiation
Therapy Tre	eatment Planning
Manuscript	number (if known):QIMS-21-169

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		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	None	
	manuscript (e.g., funding,		
	provision of study materials, medical writing, article		
	processing charges, etc.)		
	No time limit for this item.		
		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	
4	Consulting fees	Varian Medical Systems	Unrelated to this work

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	Varian Medical Systems None	Unrelated to this work
	·		
7	Support for attending meetings and/or travel	Varian Medical Systems	Unrelated to this work
8	Patents planned, issued or pending	_x_	Patent titled "Systems and methods for automatic, customized radiation treatment plan generation for cancer" was filed.
9	Participation on a Data Safety Monitoring Board or Advisory Board	None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	
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	

TL reports consulting fees, honoraria, and travel expenses from Varian Medical Systems unrelated to this work. Patent titled "Systems and methods for automatic, customized radiation treatment plan generation for cancer" was filed.

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

Date:	_6/1/2021
Your Name	:Yaorong Ge
Manuscript	Title: A Data-driven Approach to Optimal Beam/Arc Angle Selection for Liver Stereotactic Body Radiation
Therapy Tre	eatment Planning
Manuscript	number (if known):QIMS-21-169

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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	Support for attending	x None	
•	meetings and/or travel		
8	Patents planned, issued or	None	Patent titled "Systems and methods for automatic,
	pending		customized radiation treatment plan generation for
			cancer" was filed.
9	Participation on a Data	x None	
9	Safety Monitoring Board or	xNone	
	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	
	·		
12	Receipt of equipment,	x_None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	x None	
13	financial interests	^_NOTIC	
	arrorar irrect coto		

I report funding support from NIH R01CA201212 research grant. Patent titled "Systems and methods for automatic, customized radiation treatment plan generation for cancer" was filed.

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

Date:6/3/2021
Your Name:Hui Lin
Manuscript Title: A Data-driven Approach to Optimal Beam/Arc Angle Selection for Liver Stereotactic Body Radiation
Therapy Treatment Planning
Manuscript number (if known):

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		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	
4	Consulting fees	None	

		I	
5	Payment or honoraria for	None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	None	
	testimony		
7	Commant for attending	Name	
/	Support for attending meetings and/or travel	None	
	meetings and/or traver		
8	Patents planned, issued or	None	
	pending		
^	Dankisha kina ang Daka	Al	
9	Participation on a Data	None	
	Safety Monitoring Board or Advisory Board		
10	Leadership or fiduciary role	None	
10	in other board, society,	None	
	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		
	ease summarize the above co	onflict of interest in the fo	lowing box:

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

Date:6/1/2021
Your Name:Wentao Wang
Manuscript Title: A Data-driven Approach to Optimal Beam/Arc Angle Selection for Liver Stereotactic Body Radiation
Therapy Treatment Planning
Manuscript number (if known):QIMS-21-169

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		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
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	x_None	
	testimony		
7	Support for attending meetings and/or travel	xNone	
8	Patents planned, issued or	x_None	
	pending		
9	Participation on a Data	x_None	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role in other board, society,	xNone	
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	xNone	
12	Receipt of equipment,	x_None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	y None	
13	financial interests	xNone	
	illialiciai iliterests		

I report funding support from NIH R01CA201212 research grant and Varian master research grant.	

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

Date: 06/03/2021
Your Name:Lulin Yuan
Manuscript Title: A Data-driven Approach to Optimal Beam/Arc Angle Selection for Liver Stereotactic Body
Radiation Therapy Treatment Planning
Manuscript number (if known): QIMS-21-169

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2	Grants or contracts from any entity (if not indicated	Time frame: pastNone	36 months
3	in item #1 above). Royalties or licenses	None	
4	Consulting fees	None	

5	Payment or honoraria for lectures, presentations,	None			
	speakers bureaus,				
	manuscript writing or				
	educational events				
6	Payment for expert	None			
	testimony				
7	Compart for attanding	Nana			
7	Support for attending meetings and/or travel	None			
	meetings and/or traver				
8	Patents planned, issued or	None			
0	pending	None			
	Fe.138				
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				
44	group, paid or unpaid	A1			
11	Stock or stock options	None			
12	Receipt of equipment,	None			
12	materials, drugs, medical				
	writing, gifts or other				
	services				
13	Other financial or non-	None			
	financial interests				
Plea	ise summarize the above co	nflict of interest in the fo	ollowing box:		

None			

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

Date:6/1/2021
Your Name:Qingrong Jackie Wu
Manuscript Title: A Data-driven Approach to Optimal Beam/Arc Angle Selection for Liver Stereotactic Body Radiation
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		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

			<u></u>
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	x None	
•	meetings and/or travel		
8	Patents planned, issued or	None	Patent titled "Systems and methods for automatic,
	pending		customized radiation treatment plan generation for cancer" was filed.
9	Participation on a Data	xNone	
	Safety Monitoring Board or		
10	Advisory Board	N.	
10	Leadership or fiduciary role in other board, society,	xNone	
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	xNone	
12	Receipt of equipment, materials, drugs, medical	xNone	
	writing, gifts or other		
	services		
13	Other financial or non-	xNone	
	financial interests		

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"Systems and methods for automatic, customized radiation treatment plan generation for cancer" wa	is filed.

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