Date: Mar 22, 2021

Your Name: Yannik Leonhardt

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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)	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.	XNone	
		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	XNone	
	pending		
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9	Participation on a Data	XNone	
	Safety Monitoring Board or 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	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical writing, gifts or other		
	services		
13		V. Nana	
13	Other financial or non- financial interests	XNone	
	illialiciai liiterests		
	ease summarize the above co	onflict of interest in the fo	llowing box:
Dla	assa nlaca an "Y" navt to the	following statement to in	dicate your agreement:

Date: March 22nd, 2021 **Your Name:** Florian T. Gassert

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

5	Payment or honoraria for lectures, presentations,	XNone	
	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 pending	XNone	
	penung		
9	Participation on a Data	XNone	
	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,	X None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	XNone	
	financial interests		

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:

Date: 23.03.2021

Your Name: Georg C. Feuerriegel

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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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	
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8	Patents planned, issued or	XNone	
	pending		
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9	Participation on a Data 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	XNone	
12	Receipt of equipment,	X_None	
12	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		
Ple	ease summarize the above co	onflict of interest in the fol	lowing box:
	None.		

Date: 22.03.21

Your Name: Felix Gassert

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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3	Royalties or licenses	XNone	
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4	Consulting fees	X None	

5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	XNone	
	testimony		
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7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
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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,	X_None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	XNone	
	financial interests		

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:

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

4. J

Date: 22.03.2021

Your Name: Sophia Kronthaler

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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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	X None		
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7	Support for attending	XNone		
	meetings and/or travel			
8	Patents planned, issued or	XNone		
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9	Participation on a Data	XNone		
	Safety Monitoring Board or			
	Advisory Board			
10	Leadership or fiduciary role	XNone		
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	committee or advocacy			
	group, paid or unpaid	.,		
11	Stock or stock options	XNone		
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12	Receipt of equipment, materials, drugs, medical	X_None		
	writing, gifts or other			
	services			
13		V Non-		
13	Other financial or non- financial interests	XNone		
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Please summarize the above conflict of interest in the following box:

f. Kronthes

None.	

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

Date: Mar 25, 2021

Your Name: Christof Boehm

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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4	Consulting fees	XNone	

5	Payment or honoraria for	XNone	
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	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	XNone	
	pending		
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9	Participation on a Data	XNone	
	Safety Monitoring Board or 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	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical writing, gifts or other		
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13	Other financial or non- financial interests	XNone	
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	ease summarize the above co	onflict of interest in the fo	llowing box:
Dla	assa nlaca an "Y" novt to the	following statement to in	dicate your agreement:

Date: Mar 23, 2021

Your Name: Alexander Kufner

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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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	XNone	
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9	Participation on a Data	XNone	
	Safety Monitoring Board or 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	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical writing, gifts or other		
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13		V. Nana	
13	Other financial or non- financial interests	XNone	
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	ease summarize the above co	onflict of interest in the fo	llowing box:
Dla	assa nlaca an "Y" novt to the	following statement to in	dicate your agreement:

Date: Mar 22, 2021

Your Name: Stefan Ruschke

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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	educational events		
6	Payment for expert	X None	
	testimony		
7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or	XNone	
	pending		
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9	Participation on a Data	XNone	
	Safety Monitoring Board or Advisory Board		
10	Leadership or fiduciary role	X None	
10	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
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12	Receipt of equipment,	X_None	
	materials, drugs, medical writing, gifts or other		
	services		
13		V. Nana	
13	Other financial or non- financial interests	XNone	
	illialiciai liiterests		
	ease summarize the above co	onflict of interest in the fo	llowing box:
Dla	assa nlaca an "Y" novt to the	following statement to in	dicate your agreement:

Date: 03/22/2021

Your Name: Thomas Baum

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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3	Royalties or licenses	X_None	
4	Consulting fees	XNone	

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5	Payment or honoraria for lectures, presentations,	XNone	
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	XNone	
	testimony		
7	Support for attending	XNone	
,	meetings and/or travel	XNone	
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
10	Advisory Board Leadership or fiduciary role	X None	
10	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment, materials, drugs, medical	X_None	
	writing, gifts or other		
	services		
13	Other financial or non-	X None	
10	financial interests		
Г	vase summarize the above co	onflict of interest in the fo	llowing box:
∟ Ple	ase place an "X" next to the	following statement to in	dicate vour agreement

Date: 22-Mar-2021

Your Name: Benedikt J. Schwaiger

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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	testimony				
7	Support for attending	XNone			
	meetings and/or travel				
8	Patents planned, issued or	X None			
0	pending	^_None			
	pending				
9	Participation on a Data	XNone			
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	committee or advocacy				
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12	Receipt of equipment,	X_None			
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	writing, gifts or other				
	services				
13	Other financial or non-	XNone			
	financial interests				
Ple	ease summarize the above c	onflict of interest in the	following box:		

None.			

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

Bundill Schwige

Date: Mar 22, 2021

Your Name: Marcus R. Makowski

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

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Manuscript number (if known): QIMS-20-1373-R1

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8	Patents planned, issued or	XNone	
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9	Participation on a Data	XNone	
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10	Leadership or fiduciary role	X None	
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11	Stock or stock options	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical writing, gifts or other		
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13	Other financial or non- financial interests	XNone	
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	ease summarize the above co	onflict of interest in the fo	llowing box:
DIA	assa nlaca an "Y" novt to the	following statement to in	dicate your agreement:

Date: 27.03.2021

Your Name: Dimitrios Karampinos

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

quantitative analysis of lumbar osteoporosis and osteoporotic fractures

Manuscript number (if known): QIMS-20-1373-R1

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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3	Royalties or licenses	XNone	
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5	Payment or honoraria for	X None	
3	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	X None	
U	testimony	XNone	
	testimony		
7	Support for attending	X None	
,	meetings and/or travel	XNone	
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8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	X None	
9	Safety Monitoring Board or	XNone	
	Advisory Board		
10		V. None	
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, materials, drugs, medical	X_None	
	writing, gifts or other		
	services		
13	Other financial or non-	X None	
13	financial interests	^_None	
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Please summarize the above conflict of interest in the following box:

Dimitrios Karampinos receives grant support from Philips Healthcare.	

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

Date: 03/22/2021

Your Name: Alexandra Gersing, MD

Manuscript Title: Vertebral bone marrow T2*mapping using chemical shift encoding-based water-fat separation in the

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5 Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events 6 Payment for expert testimony 7 Support for attending meetings and/or travel 8 Patents planned, issued or pending 9 Participation on a Data Safety Monitoring Board or Advisory Board 10 Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid 11 Stock or stock options 12 Receipt of equipment, materials, drugs, medical writing, gifts or other services 13 Other financial or non-financial interests				
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		services		
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