Date: March 2nd, 2023

Your Name: Svein-Erik Måsøy

Manuscript Title: Aberration correction in 2D echocardiography

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) Time frame: Since the initia	Specifications/Comments (e.g., if payments were made to you or to your institution) planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.)	Norwegian University of Science and Technology (NTNU)	I have been 100% employed at NTNU during the entire phase of the work reported in this paper.
	No time limit for this item.	GE HealthCare	Since 2 nd of May 2022, I have had a 20% position at GE Vingmed Ultrasound AS as an R&D engineer, a subdivision of GE HealthCare.
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	CIUS	NTNU and GE Vingmed Ultrasound AS are collaborating on a mutually funded grant called The Centre for Innovative Ultrasound Solutions, with funding from 22

			private and public institutions in Norway.
3	Royalties or licenses	Adapt	I have received a bonus from NTNU due to a license agreement between NTNU and GE Vingmed Ultrasound AS about the Adapt technology.
4	Consulting fees	none	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	none	
6	Payment for expert testimony	none	
7	Support for attending meetings and/or travel	none	
8	Patents planned, issued or pending	none	
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	

In addition to being 100% employed by The Norwegian University of Science and Technology, I have a 20% position in GE Vingmed Ultrasound AS, which potentially benefits from documenting the medical benefits of adaptive imaging as implemented on their ultrasound systems.

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: Feb 28, 2023

Your Name: Bastien Dénarié

Manuscript Title: Aberration correction in 2D echocardiography

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) Time frame: Since the initia	Specifications/Comments (e.g., if payments were made to you or to your institution) I 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.	GE HealthCare	I'm a salaried employee of GE Vingmed Ultrasound AS which is a division of GE HealthCare working with development of cardiovascular ultrasound imaging devices.
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None which were not Indicated in item 1	
3	Royalties or licenses	none	
4	Consulting fees	none	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or	none
	educational events	
6	Payment for expert testimony	none
7	Support for attending meetings and/or travel	none
8	Patents planned, issued or pending	none
9	Participation on a Data Safety Monitoring Board or Advisory Board	none
10		none
	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- financial interests	none

I am paid a salary by GE HealthCare, which potentially benefits from documenting the medical benefits of adaptive imaging as implemented on their ultrasound imagers.

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

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

Date: Feb 24, 2023

Your Name: Anders R. Sørnes

Manuscript Title: Aberration correction in 2D echocardiography

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</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 initia	Specifications/Comments (e.g., if payments were made to you or to your institution) 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.	GE Healthcare	I'm a salaried employee of GE Healthcare, Cardiovascular Ultrasound Imaging. All my contributions has been conducted under this Funding and as part of this work.
		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	

5	5 Payment or honoraria for lectures, presentations, speakers bureaus,	none	
	manuscript writing or educational events		
6	Payment for expert testimony	none	
7	Support for attending meetings and/or travel	none	
8	Patents planned, issued or pending	none	
9	Participation on a Data Safety Monitoring Board or Advisory Board	none	
10	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,	none	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	none	
	financial interests		

I am an employee in GE Healthcare CardioVascular Ultrasound, and as such is paid a salary. My employer potentially benefits from documenting the medical benefits of adaptive imaging as implemented on our GEHC ultrasound imagers.

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

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

Date:2802_2023	
Your Name:Espen Holte_	
Manuscript Title:	Aberration correction in 2D echocardiography
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) 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	
		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	

5	Payment or honoraria for	None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
6	educational events Payment for expert	None	
0	testimony	None	
	testimony		
7	Support for attending	None	
	meetings and/or travel		
	_		
8	Patents planned, issued or	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		
42	services	News	
13	Other financial or non- financial interests	None	
	illianciai iliterests		
Plea	ise summarize the above co	nflict of interest in the follo	owing box:
			-
	None		

None.			

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

Date:_Feb 24 2023
Your Name:Bjørnar Grenne
Manuscript Title:_ Aberration correction in 2D echocardiography
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, medical writing, article processing charges, etc.) No time limit for this item.	_X_None	
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	_X_None	
3	Royalties or licenses	X_None	
4	Consulting fees	_X_None	

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

Date: Feb. 27th, 2023 Your Name: Torvald Espeland Manuscript ID: QIMS-22-895-R1

Manuscript title: Aberration correction in 2D echocardiography

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) 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	X_None	
4	Consulting fees	XNone	

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

Date: March 2nd, 2023

Your Name: Erik Andreas Rye Berg

Manuscript Title: Aberration correction in 2D echocardiography

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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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.	none	
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	CIUS	I have received PhD funding from The Centre for Innovative Ultrasound Solutions, where GE Vingmed Ultrasound AS is one of 22 private and public funding partners
3	Royalties or licenses	none	

4	Consulting fees	none	
5	Payment or honoraria for	none	
	lectures, presentations,		
	speakers bureaus, manuscript writing or		
	educational events		
6	Payment for expert	none	
	testimony		
7	Support for attending meetings and/or travel	none	
8	Patents planned, issued or pending	none	
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		

I have received PhD funding from The Centre for Innovative Ultrasound Solutions, where GE Vingmed Ultrasound AS is one of 22 private and public funding partners

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:Feb. 25 th , 2021
Your Name:Ole Marius Hoel Rindal
Manuscript Title:Aberration correction in 2D echocardiography
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 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)
			planning of the front
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.	CIUS	Centre for Innovative Ultrasound Solutions under the Research Council of Norway Project Code 237887 where GE Vingmed Ultrasound AS is a industry partner.
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	X_None	
3	Royalties or licenses	XNone	

4	Consulting fees	GE Womens Health Austria GE Vingmed Ultrasound AS	GE have funded research consultant projects for SINTEF AS where I was party employed until 1. January 2023. Not directly related to the content of the manuscript, but related to medical ultrasound imaging in general.
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	XNone	
6	Payment for expert testimony	XNone	
7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or pending	XNone	
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone	
11	Stock or stock options	XNone	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	X_None	
13	Other financial or non- financial interests	XNone	
	Please summarize th	e above conflict of intere	st in the following box:

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

Date: Feb 24, 2023

Your Name: Wayne Rigby

Manuscript Title: Aberration correction in 2D echocardiography

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 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) 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.	GE Research	I'm a salaried employee of GE Research; GE Research Is funded by contracts with many GE businesses, Including the Ultrasound imaging divisions of GE Healthcare, and by the US Government, such as DARPA.
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None which were not Indicated in item 1	
3	Royalties or licenses	none	
4	Consulting fees	none	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	none
6	Payment for expert testimony	none
7	Support for attending meetings and/or travel	none
8	Patents planned, issued or pending	none
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

I am paid a salary by GE, which potentially benefits from documenting the medical benefits of adaptive imaging as implemented on their ultrasound imagers.

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

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

Date: March 02, 2023

Your Name: Tore Grüner Bjåstad

Manuscript Title: Aberration correction in 2D echocardiography

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</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.							
		GE Vingmed Ultrasound	I've worked both directly for GE Vingmed Ultrasound and through Consultancy Company InPhase Solutions AS during the work done in this manuscript.					
		NTNU	I've also had a part time position at the Norwegian University of Science and Technology. Parts of my contributions to this work came through this position.					
		Time frame: past	36 months					
2	Grants or contracts from	None which were not						
	any entity (if not indicated in item #1 above).	Indicated in item 1						

3	Royalties or licenses	Yes, from NTNU	Reward related to licensing of technology/algorithms used in this work.
4	Consulting fees	none	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	none	
6	Payment for expert testimony	none	
7	Support for attending meetings and/or travel	none	
8	Patents planned, issued or pending		
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	

I am paid a salary by GE HealthCare, which potentially benefits from documenting the medical benefits of adaptive imaging as implemented on their ultrasound imagers.

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 thi form.						