Date:	_8/14/2023
Your Name:	_Mina Ghatas
Manuscript Title:	A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement
during Natural	Bladder Filling
Manuscript numl	ber (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)
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.	Time frame: Since the initial _xNone	planning of the work
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
3	Royalties or licenses	None	
4	Consulting fees	None	

5	,	xNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	N.	
6	Payment for expert	xNone	
	testimony		
7	Support for attending	x None	
/	meetings and/or travel		
8	Patents planned, issued or	_xNone	
	pending		
9	Participation on a Data	x_None	
	Safety Monitoring Board or		
	Advisory Board		
10	,	_xNone	
	in other board, society,		
	committee or advocacy		
- 1.1	group, paid or unpaid	N.	
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-	x_None	
	financial interests		

There is no conflict of interest to report.

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

Date:	_8/14/2023
Your Name:	_Linda Burkett
Manuscript Title:	A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement
during Natural	Bladder Filling
Manuscript num	ber (if known):JNS-23-0020

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.	None	National Institute of Health Building Interdisciplinary Research Careers in Women's Health (No.K12HD108269)
		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 Payment for expert testimony	xNone	
7	Support for attending meetings and/or travel	_xNone	
8	Patents planned, issued or pending	None	
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	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	

Author Linda Burkett reports receiving funding from National Institute of Health Building Interdisciplinary Research Careers in Women's Health (No. K12HD108269).

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

Date:	_5/18/2023
Your Name:	_Gabrielle Grob
Manuscript Title:	A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement
during Natural	Bladder Filling
Manuscript num	ber (if known):JNS-23-0020

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	XNone	
	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	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

5	5 Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	X_None	
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	X None	
	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	X None	
12	Receipt of equipment,	XNone	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	X None	
	financial interests		

There is no conflict of interest to report.

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

Date:	5/18/2023
Your Name:	_Peter Daniels
Manuscript Title:	A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement
during Natural	Bladder Filling
Manuscript num	per (if known):JNS-23-0020

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)
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.	Time frame: Since the initialXNone	planning of the work
		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	5 Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	X_None	
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	X None	
	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	X None	
12	Receipt of equipment,	XNone	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	X None	
	financial interests		

There is no conflict of interest to report.

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

Date:	_5-19-2023
Your Name:	Lynn Stothers
Manuscript	Title:_ A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement during Natural
Bladder Fillir	ng
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	
1	All support for the present	None	National Institute of Health (No. R21DK128649)
	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	_XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	X_None	
4	Consulting fees	X_None	

5	Payment or honoraria for	_XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
6	educational events Payment for expert	V None	
6	testimony	X_None	
	testimony		
7	Support for attending	X_None	
ŕ	meetings and/or travel		
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	_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	
	financial interests		

The current study was funded by a multi-PI grant from the National Institutes of health (No. R21DK128649) award to Adam Klausner, John Speich, and Lynn Stothers (multi-PIs). The grant is focused on the application of brain fNIRS during bladder filling.

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

Date:	_5/18/2023
Your Name:	_Helen Query
Manuscript Title	:A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement
during Natural	Bladder Filling
Manuscript num	ber (if known):JNS-23-0020

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)
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.	Time frame: Since the initial _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	None	
4	Consulting fees	None	

5	Payment or honoraria for	xNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	N.	
6	Payment for expert	xNone	
	testimony		
7	Support for attending	x None	
/	meetings and/or travel		
8	Patents planned, issued or	_xNone	
	pending		
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		
- 1.1	group, paid or unpaid	N.	
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-	x_None	
	financial interests		

There is no conflict of interest to report.

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

Date:	5/18/2023
Your Name:	_Micheal Shields
Manuscript Title:	A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement
during Natural	Bladder Filling
Manuscript num	per (if known):JNS-23-0020

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)
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.	Time frame: Since the initialXNone	planning of the work
		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	X_None	

Payment or honoraria for	XNone	
-		
	X None	
Support for attending	X None	
meetings and/or travel		
Patents planned, issued or	X_None	
pending		
-	XNone	
	V. Nono	
,		
-		
-		
Stock or stock options	XNone	
	XNone	
	X None	
	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 Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	lectures, presentations, speakers bureaus, manuscript writing or educational events

There is no conflict of interest to report.

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

Date:	_5-19-2023
Your Name	:John Speich
Manuscrip	Title:_ A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement during Natura
Bladder Fill	ng
Manuscrip	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	None	National Institute of Health (No. R21DK128649)
	manuscript (e.g., funding,		Virginia Commonwealth University Presidential Research
	provision of study materials,		Quest Fund (No. 295166)
	medical writing, article		
	processing charges, etc.)		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	_XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	X_None	
4	Consulting fees	X_None	

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	X None	
	meetings and/or travel		
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	_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-	X_None	
	financial interests		

The current study was funded by a multi-PI grant from the National Institutes of health (NIH -R21-DK128649) award to Adam Klausner, John Speich, and Lynn Stothers (multi-PIs). The grant is focused on the application of brain fNIRS during bladder filling.

JES is also supported by Virginia Commonwealth University Presidential Research Quest Fund (No. 295166).

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

Date:	_5-18-2023	
Your Name:	Adam P. Klausner	
Manuscript	Title:_ A Stepwise Approach for Functional Near Infrared Spectroscopy (fNIRS) Measurement during Nature	al
Bladder Fillin	ng	
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	None	National Institute of Health (No. R21DK128649)				
	manuscript (e.g., funding, provision of study materials,		Virginia Commonwealth University Presidential Research				
			Quest Fund (No. 295166)				
	medical writing, article						
	processing charges, etc.)						
	No time limit for this item.						
		Time frame: past	36 months				
2	Grants or contracts from	_XNone					
	any entity (if not indicated						
	in item #1 above).						
3	Royalties or licenses	X_None					
4	Consulting fees	X_None					

5	Payment or honoraria for lectures, presentations,	_XNone	
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert testimony	X_None	
7	Support for attending	X_None	
	meetings and/or travel		
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,	_XNone	
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other	X_None	
	services		
13	Other financial or non- financial interests	X_None	

The current study was funded by a multi-PI grant from the National Institutes of health (No. R21DK128649) award to Adam Klausner, John Speich, and Lynn Stothers (multi-PIs). The grant is focused on the application of brain fNIRS during bladder filling.

APK is also supported by Virginia Commonwealth University Presidential Research Quest Fund (No. 295166).

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