Date: March 18	3, 2022
Your Name:	Alexander Upfill-Brown
Manuscript Titl	e: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease
over a 10-year	period, 2010 to 2019
Manuscript nur	mber (if known): <u>JSS-22-4-CL</u>

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.	None	
		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	
0	testimony		
	testimony		
7	Support for attending	X None	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
10	Advisory Board		
10	Leadership or fiduciary role in other board, society,	XNone	
	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		
12	services Other financial or non-	V None	
13	financial interests	XNone	

None

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

Date: Ma	arch 18,	2022													
Your Nan	ne:	Jeveny	Policht												
Manuscri	ipt Title:	National t	rends in the ut	ilizatior	n of lumb	bar dise	c repla	ceme	nt for lu	umbar	degen	erative	e disc d	isease	
over a 10	over a 10-year period, 2010 to 2019														
Manuscr	ipt numl	ber (if knov	wn): JSS-22-4-0)L											

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		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	XNone	

5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or educational events		
6	Payment for expert	X_None	
0	testimony		
7	Support for attending	X_None	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or Advisory Board		
10	Leadership or fiduciary role	V. Nana	
10	in other board, society,	XNone	
	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		
13	services Other financial or non-	X_None	
13	financial interests		

None

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

Date: March 1	18, 2022
Your Name:	BEAU P. SPERRY, BA
Manuscript Tit	tle: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease
over a 10-year	period, 2010 to 2019
Manuscript nu	ımber (if known): <u>JSS-22-4-CL</u>

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		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	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or educational events		
6	Payment for expert	X None	
0	testimony		
	testimony		
7	Support for attending	X None	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
10	Advisory Board		
10	Leadership or fiduciary role in other board, society,	XNone	
	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		
12	services Other financial or non-	V None	
13	financial interests	XNone	

None

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

Date: March 1	8, 2022
Your Name:	Durga Ghosh
Manuscript Titl	e: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease
over a 10-year	period, 2010 to 2019
Manuscript nui	mber (if known): <u>JSS-22-4-CL</u>

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		Time frame: Since the initial	planning of the work
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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	
0	testimony		
	testimony		
7	Support for attending	X None	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
10	Advisory Board		
10	Leadership or fiduciary role in other board, society,	XNone	
	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		
12	services Other financial or non-	V None	
13	financial interests	XNone	

None

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

Date: March 18	3, 2022
Your Name:	Akash A. Shah
Manuscript Titl	e: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease
over a 10-year j	period, 2010 to 2019
Manuscript nur	nber (if known): <u>JSS-22-4-CL</u>

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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	
0	testimony		
	testimony		
7	Support for attending	X None	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
10	Advisory Board		
10	Leadership or fiduciary role in other board, society,	XNone	
	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		
12	services Other financial or non-	V None	
13	financial interests	XNone	

None

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

Date: March 18, 2022				
Your Name:	William Sheppard			
Manuscript Title	e: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease			
<u>over a 10-year p</u>	period, 2010 to 2019			
Manuscript num	nber (if known): <u>JSS-22-4-CL</u>			

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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	XNone	
	any entity (if not indicated		
	in item #1 above).		
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	
0	testimony		
	testimony		
7	Support for attending	X None	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
10	Advisory Board		
10	Leadership or fiduciary role in other board, society,	XNone	
	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		
12	services Other financial or non-	V None	
13	financial interests	XNone	

None

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

Date: March 18, 2022				
Your Name:	Elizabeth Lord, MD			
Manuscript Titl	e: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease			
over a 10-year j	period, 2010 to 2019			
Manuscript nur	nber (if known): <u>JSS-22-4-CL</u>			

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	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	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	AOSpine	Travel grand to attend Global Spine Congress and participate as Deputy Editor of Global Spine Journal
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	XNone	
13	Other financial or non- financial interests	XNone	

AOSpine travel grant to participate in editorial duties for Global Spine Journal

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

Date: March 18, 2022				
Your Name:	Arya Nick Shamie, MD			
Manuscript Tit	le: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease			
over a 10-year	period, 2010 to 2019			
Manuscript nu	mber (if known): <u>JSS-22-4-CL</u>			

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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	
0	testimony		
7	Support for attending	X None	
	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
10	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,	XNone	
	materials, drugs, medical		
	writing, gifts or other		
12	services Other financial or non-	V None	
13	other financial or non-	XNone	

None

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

Date: March 1	8, 2022
Your Name:	Don Young Park
Manuscript Tit	le: National trends in the utilization of lumbar disc replacement for lumbar degenerative disc disease
over a 10-year	period, 2010 to 2019
Manuscript nu	mber (if known): <u>JSS-22-4-CL</u>

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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	Seaspine	Payments made to myself				
4	Consulting fees	Seaspine, Globus Nuvasive, Amplify Surgical	Payments made to myself				

		Alphatec	
5	Payment or honoraria for	X None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	X None	
	testimony		
7	Support for attending	XNone	
	meetings and/or travel		
8	Patents planned, issued or	X None	
	pending		
9	Participation on a Data	XNone	
	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-	X None	
12	financial interests		

My relationships with the entities above are not directly related in any way to the manuscript submitted for publication.

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