

Instructions

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Identifying information.

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This section asks about patents and copyrights, whether pending, issued, licensed and/or receiving royalties.

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Licensed: The patent has been licensed to an entity, whether earning royalties or not

Royalties: Funds are coming in to you or your institution due to your patent

Bastrom 1



Section 1.	Identifying Inform	ation					
1. Given Name (Fi Tracey		2. Surname (L Bastrom	.ast Name)			3. Date 29-Septem	ber-2014
4. Are you the cor	responding author?	Yes ✓	No Corresponding Author's Name Paul Sponseller			's Name	
5. Manuscript Title Smaller Children	e Lose a Greater Proport	ion of Their Blo	ood Volum	e during Pos	terior Spina	al Arthrodesis	
6. Manuscript Ider	ntifying Number (if you kr	now it)					
Section 2.	The Work Under C	onsideration	for Publi	cation			
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If yes, please fill o	out the appropriate info	ormation below	v. If you ha	ve more thar	one entity	press the "ADD'	button to add a row.
	be removed by pressin			n-Financial	7	Comments	
Name of Institut	ion/Company		ees?	Support?	Other •	Comments	
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	ı						
Section 3.	Relevant financial	activities ou	tside the	submitted	work.		
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Are there any rel	evant conflicts of intere	est? Yes	✓ No				
	ı						
Section 4.	Intellectual Prope	ty Patents	& Copyri	ghts			
Do you have any	patents, whether plan	ned, pending o	or issued, b	roadly releva	nt to the w	ork? Yes	✓ No

Bastrom 2



Section 5. Relationships not covered above
Relationsinps not covered above
Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
Yes, the following relationships/conditions/circumstances are present (explain below):
✓ No other relationships/conditions/circumstances that present a potential conflict of interest
At the time of manuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements On occasion, journals may ask authors to disclose further information about reported relationships.
Section 6
Section 6. Disclosure Statement
Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Ms. Bastrom reports grants from Setting Scoliosis Straight Foundation, during the conduct of the study; .

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Section 1. Identifying Infor	mation	
1. Given Name (First Name) Randal	2. Surname (Last Name) Betz	3. Date 29-September-2014
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Paul Sponseller
5. Manuscript Title Smaller Patients Lose a Greater Propo	rtion of Blood Volume Dur	ring Posterior Spinal Arthrodesis
6. Manuscript Identifying Number (if you l	know it)	
Section 2. The Work Under 0	Consideration for Publi	ication
any aspect of the submitted work (includir statistical analysis, etc.)?	ng but not limited to grants, d	n a third party (government, commercial, private foundation, etc.) fo ata monitoring board, study design, manuscript preparation,
Are there any relevant conflicts of inte		we would then are subject to proceed a "ADD" button to add a very
Excess rows can be removed by pressi		ve more than one entity press the "ADD" button to add a row
Name of Institution/Company	Grant	On-Financial Other? Comments
DePuy Synthes Spine	V	Research grant and travel expenses from the Setting Scoliosis Straight Foundation for the Harms Study Group
Section 3. Relevant financia	l activities outside the	submitted work.
of compensation) with entities as desc clicking the "Add +" box. You should re	ribed in the instructions. U eport relationships that we	nether you have financial relationships (regardless of amount Use one line for each entity; add as many lines as you need by ere present during the 36 months prior to publication .
Are there any relevant conflicts of inte		
If yes, please fill out the appropriate in	formation below.	
Name of Entity	Grant•	on-Financial Other? Comments
DePuy Synthes Spine		Consultant, speakers' bureau, royalties



Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments	
Medtronic		✓		✓	Consultant, royalties	
Orthocon		✓		√	Consultant, stocks/options	
SpineGuard		✓		✓	Consultant, stocks/options	
Orthobond				✓	Unpaid consultant, stocks/options	
MiMedx				✓	Stocks/options	
Zimmer		\checkmark			Consultant	
Advanced Vertebral Solutions				√	Unpaid consultant, stocks/options	
SpineZ				√	Stocks/options	
Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes Vo						
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Yes, the following relationships/cond						
✓ No other relationships/conditions/cir	cumstant	les that pre	esent a potential (COMMICT O	ו ווונפופטנ	
At the time of manuscript acceptance, jo On occasion, journals may ask authors to					· ·	

Section 6.

Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Betz reports grants and personal fees from DePuy Synthes Spine, during the conduct of the study; personal fees and other from DePuy Synthes Spine, personal fees and other from Medtronic, personal fees and other from Orthocon, personal fees and other from SpineGuard, other from Orthobond, other from MiMedx, personal fees from Zimmer, other from Advanced Vertebral Solutions, other from SpineZ, outside the submitted work;

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Royalties: Funds are coming in to you or your institution due to your patent

Cahill 1



Section 1. Identifying Information	ation					
1. Given Name (First Name) Patrick	2. Surname (Last Name) Cahill		3. Date 16-September-2014			
4. Are you the corresponding author?	uthor?					
5. Manuscript Title Smaller Patients Lose a Greater Proportion	on of Blood Volume Du	ring Posterior Spinal Ar	throdesis			
6. Manuscript Identifying Number (if you kno	ow it)					
Section 2. The Work Under Co	nsideration for Pub	lication				
Did you or your institution at any time received any aspect of the submitted work (including statistical analysis, etc.)? Are there any relevant conflicts of interest of the submitted work (including statistical analysis, etc.)?	but not limited to grants, st? Yes No rmation below. If you h	data monitoring board, st	udy design, manuscript preparation,			
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Name of Entity	Grant? Personal N	on-Financial Other?	Comments			
DePuy Synthes Spine			Consultant, speakers bureau			
Medtronic			Consultant, speakers bureau			

Cahill 2



Name of Entity	Grant? Personal Fees?	Non-Financial Support?	Other?	Comments		
Globus Medical			S	peakers bureau		
Section 4. Intellectual Propert	y Patents & Co	pyrights				
Do you have any patents, whether plann	ed, pending or issu	ed, broadly releva	nt to the w	ork? ☐ Yes ✓ No		
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Based on the above disclosures, this form below.	າ will automatically	generate a disclos	sure statem	nent, which will appear in th	ne box	
Dr. Cahill reports grants and personal fee DePuy Synthes Spine, personal fees from				* *		

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Cahill 3



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Jain 1



Section 1.	Identifying Inform	ation					
1. Given Name (Fir Amit	st Name)	2. Surname (Last Name) Jain	3. Date 21-Septe	ember-2014			
4. Are you the corr	esponding author?	Yes ✓ No	Corresponding Author's Name Paul Sponseller				
5. Manuscript Title Smaller Patients I		ion of Blood Volume durin	g Posterior Spinal Arthrodesis				
6. Manuscript Iden	tifying Number (if you kr	now it)					
			-				
Section 2.	The Work Under Co	onsideration for Public	ation				
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of compensation) clicking the "Add	Place a check in the appropriate boxes in the table to indicate whether you have financial relationships (regardless of amount of compensation) with entities as described in the instructions. Use one line for each entity; add as many lines as you need by clicking the "Add +" box. You should report relationships that were present during the 36 months prior to publication . Are there any relevant conflicts of interest? Yes V No						
·							
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Marks 1



Section 1. Identifying Information	ation					
Given Name (First Name) Michelle	2. Surname (Last Name) Marks		3. Date 30-September-2014			
4. Are you the corresponding author?	Are you the corresponding author? Yes No Corresponding Author? Paul Sponseller,					
5. Manuscript Title Smaller Children Lose a Greater Proporti	on of Their Blood Volum	e during Posterio	r Spinal Arthrodesis			
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		ve more than one	entity press the "ADD" button to add a row.			
Name of Institution/Company	Grant? Personal No	n-Financial Support	er? Comments			
Setting Scoliosis Straight Foundation			Employment			
DePuy Synthes Spine	/		Research Grant to Setting Scoliosis Straight Foundation			
Section 3. Relevant financial a	activities outside the	submitted wor	k.			
	oed in the instructions. U	se one line for ea	nancial relationships (regardless of amount ch entity; add as many lines as you need by g the 36 months prior to publication.			
Are there any relevant conflicts of interest						
If yes, please fill out the appropriate info	rmation below.					
Name of Entity	Grant'	n-Financial Support?	er? Comments			
DePuy Synthes Spine			Consulting in medical education program			

Marks 2



Section 4. Intellectual Property - Patents & Convertebra
Intellectual Property Patents & Copyrights
Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes Volume
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Royalties: Funds are coming in to you or your institution due to your patent



		Corresponding Auth Paul Sponseller, M ng Posterior Spinal A	D
5. Manuscript Title Smaller Patients Lose a Greater Proportio	n of Blood Volume Durir	Paul Sponseller, M	D
Smaller Patients Lose a Greater Proportio		ng Posterior Spinal A	rthrodesis
6. Manuscript Identifying Number (if you kno	w it)		
		_	
Section 2. The Work Under Cor	nsideration for Public	cation	
any aspect of the submitted work (including b statistical analysis, etc.)? Are there any relevant conflicts of interest If yes, please fill out the appropriate infori Excess rows can be removed by pressing	t? ✓ Yes No mation below. If you hav the "X" button.	re more than one ent	ity press the "ADD" button to add a ro
Name of Institution/Company	Grant'	upport?	Comments
tting Scoliosis Straight Foundation			Research Grants from Depuy Synthes Spine and the Scoliosis Research Society in support of the Harms Study Gorup's research.
Puy Synthes Spine	√		Implant royalties



Name of Entity	Gra	ınτ•	ersonal ees?	Non-Financial Support?	Other?	Comments	
POSNA		/			√	Board membership (no compensation)	_
Setting Scoliosis Straight Foundation	Į,	/			√	Board membership (no compensation)	
Rady Children's Specialists					√	Board membership (no compensation)	
DePuy Synthes Spine	Į.	/	✓			Consultant, speakers bureau, royalties, payment for development of educational programs	
Norcal			✓			Expert testimony	
Law firm of Carroll, Kelly, Trotter, Franzer McKenna	n &		✓			Expert testimony	
Law firm of Smith, Haughey, Rice & Roeg	ige [✓			Expert testimony	
NIH	Į,	/					
OREF	Į.	/					
SRS	Į.	/					
EOS imaging	Ţ,	/					
Thieme Publishing			✓			Royalties	
NuVasive					√	Stocks/options	
Ethicon Endosurgery			√			Consultancy	
Electocore					√	Stocks/options	
Cubist			✓			Consultancy	
International Orthopedic Think Tank					✓	Board membership (no compensation)	
Orthopediatrics Institutional Support					✓	Research Support	
Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes No If yes, please fill out the appropriate information below. If you have more than one entity press the "ADD" button to add a row. Excess rows can be removed by pressing the "X" button.							
						2	
Patent? P	ending !	Issued	License	ed? Royalties?	License	ce? Comments	



Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments	
Anchoring systems and methods for correcting spinal deformities (8540754)				√	DePuy Synthes Spine		
Low profile spinal tethering systems (8123749)		✓			DePuy Spine, Inc.		
Screw placement guide (7981117)		✓			DePuy Spine, Inc.		
Compressor for use in minimally invasive surgery (7189244)		✓			DePuy Spine, Inc.		
Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of							
Section 5. Relationships not covered above							
potentially influencing, what you wrote in the submitted work?							
Yes, the following relationsh	ips/conditio	ns/circun	nstances are	e present (ex	rplain below):		
✓ No other relationships/conditions/circumstances that present a potential conflict of interest							
At the time of manuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements. On occasion, journals may ask authors to disclose further information about reported relationships.							
Section 6.							

Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Newton reports grants from Setting Scoliosis Straight Foundation, personal fees from DePuy Synthes Spine, during the conduct of the study; grants and other from POSNA, grants and other from Setting Scoliosis Straight Foundation, other from Rady Children's Specialists, grants and personal fees from DePuy Synthes Spine, personal fees from Norcal, personal fees from Law firm of Carroll, Kelly, Trotter, Franzen & McKenna, personal fees from Law firm of Smith, Haughey, Rice & Roegge, grants from NIH, grants from OREF, grants from SRS, grants from EOS imaging, personal fees from Thieme Publishing, other from NuVasive, personal fees from Ethicon Endosurgery, other from Electocore, personal fees from Cubist, other from International Orthopedic Think Tank, other from Orthopediatrics Institutional Support, outside the submitted work; In addition, Dr. Newton has a patent Anchoring systems and methods for correcting spinal deformities (8540754) with royalties paid to DePuy Synthes Spine, a patent Low profile spinal tethering systems (8123749) issued to DePuy Spine, Inc., a patent Screw placement guide (7981117) issued to DePuy Spine, Inc., and a patent Compressor for use in minimally invasive surgery (7189244) issued to DePuy Spine, Inc..



Evaluation and Feedback

 $Please\ visit\ \underline{http://www.icmje.org/cgi-bin/feedback}\ to\ provide\ feedback\ on\ your\ experience\ with\ completing\ this\ form.$



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Njoku 1



Section 1.	Identifying Inform	nation							
1. Given Name (Fii Dolores		2. Surname (Last Name) Njoku		3. Date 30-September-2014					
4. Are you the cor	responding author?	Yes ✓ No	Corresponding Au	uthor's Name					
5. Manuscript Title Smaller Patients Lose a Greater Proportion of Blood Volume during Posterior Spinal Arthrodesis									
6. Manuscript Ider	ntifying Number (if you kr	now it)							
Section 2.	The Work Under Co	onsideration for Publ	ication						
any aspect of the s statistical analysis,	ubmitted work (including	g but not limited to grants, c		nment, commercial, private foundation, etc.) for d, study design, manuscript preparation,					
Section 3.	Relevant financial	activities outside the	submitted work	•					
Place a check in the appropriate boxes in the table to indicate whether you have financial relationships (regardless of amount of compensation) with entities as described in the instructions. Use one line for each entity; add as many lines as you need by clicking the "Add +" box. You should report relationships that were present during the 36 months prior to publication .									
	evant conflicts of intere out the appropriate info								
Name of Entity		Grant? Personal No	on-Financial Othe	Comments					
McGraw HIII Educatio	n			royalties on licensed work					
Thermo Fisher		\checkmark		basic sciences grant					
Section 4. Intellectual Property Patents & Copyrights									
Do you have any	patents, whether plan	ned, pending or issued, b	roadly relevant to t	the work? Yes V No					

Njoku 2



Section 5. Relationships not severed above
Relationships not covered above
Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
Yes, the following relationships/conditions/circumstances are present (explain below):
✓ No other relationships/conditions/circumstances that present a potential conflict of interest
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Section 6. Disclosure Statement
Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Dr. Njoku reports other from McGraw HIII Education, grants from Thermo Fisher, outside the submitted work; .

Evaluation and Feedback

Please visit http://www.icmje.org/cgi-bin/feedback to provide feedback on your experience with completing this form.

Njoku 3



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Samdani 1



Section 1. Identifying Inform								
Identifying Information								
Given Name (First Name) Amer	2. Surname (Last Name) Samdani		3. Date 29-September-2014					
4. Are you the corresponding author?	Yes No Corresponding Author's Name Paul Sponseller							
5. Manuscript Title Smaller Patients Lose a Greater Proport	ion of Blood Volume Duri	ng Posterior Spinal Ar	throdesis					
6. Manuscript Identifying Number (if you kr	now it)							
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any aspect of the submitted work (including statistical analysis, etc.)? Are there any relevant conflicts of intere	y but not limited to grants, doest? Yes No primation below. If you have	ata monitoring board, st	ent, commercial, private foundation, etc.) for udy design, manuscript preparation, ty press the "ADD" button to add a row.					
Name of Institution/Company	Grant	n-Financial Other?	Comments					
DePuy Synthes Spine	V V		Research grant and travel expenses from the Setting Scoliosis Straight Foundation for the Harms Study Group					
Section 3. Relevant financial	activities outside the	submitted work.						
Place a check in the appropriate boxes of compensation) with entities as descr clicking the "Add +" box. You should re	ibed in the instructions. U port relationships that we	se one line for each er	ntity; add as many lines as you need by					
Are there any relevant conflicts of interest?								
If yes, please fill out the appropriate information below.								
Name of Entity	Grant•	n-Financial Support?	Comments					
DePuy Synthes Spine			Consultant					
Zimmer			Consultant					

Samdani 2



Name of Entity	Grant? Personal Fees?	Non-Financial Support?	Other? Com	ments				
Stryker			Consult	tant				
Section 4. Intellectual Property Patents & Copyrights								
Do you have any patents, whether plann	ed, pending or issue	d, broadly releva	nt to the work?	Yes ✓ No				
Section 5. Relationships not c	overed above							
Are there other relationships or activities potentially influencing, what you wrote i			nfluenced, or the	at give the appearance o	of			
Yes, the following relationships/cond	Yes, the following relationships/conditions/circumstances are present (explain below):							
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Section 6. Disclosure Stateme	nt							
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Dr. Samdani reports grants and personal from DePuy Synthes Spine, personal fee		•	-		ees			

Evaluation and Feedback

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Samdani 3



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Shah 1



Section 1. Identifying Inform	nation							
1. Given Name (First Name) Suken	2. Surname (Last Name) Shah	3. Date 29-September-2014						
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Paul D. Sponseller						
5. Manuscript Title Smaller patients lose a greater proportion of the blood volume during spine deformity surgery								
6. Manuscript Identifying Number (if you kr	now it)							
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any aspect of the submitted work (including statistical analysis, etc.)? Are there any relevant conflicts of intere	g but not limited to grants, da est? Yes No ormation below. If you hav	a third party (government, commercial, private foundation, etc.) for at a monitoring board, study design, manuscript preparation, we more than one entity press the "ADD" button to add a row.						
Name of Institution/Company Grant Personal Fees Non-Financial Support Comments								
Setting Scoliosis Straight Foundation								
Section 3. Relevant financial	activities outside the s	ubmitted work.						
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Name of Entity	Fees? S	n-Financial other? Comments						
DePuy Synthes Spine, Inc								

Shah 2



Section 4. Intellectual Property Patents & Copyrights
Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes Volume
Section 5. Relationships not covered above
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Sponseller 1



Section 1.	Identifying Inform	ation							
1. Given Name (Firs Paul	t Name)	2. Surnam Sponselle	-	ne)		3. Date 11-September-2014			
4. Are you the corre	esponding author?	✓ Yes No							
5. Manuscript Title Smaller Patients L	5. Manuscript Title Smaller Patients Lose a Greater Proportion of Blood Volume during Posterior Spinal Arthrodesis								
6. Manuscript Ident	ifying Number (if you kno	ow it)							
Section 2.	The Work Under Co	nsiderati	on for P	ublication					
Did you or your institution at any time receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)? Are there any relevant conflicts of interest? Yes No									
If yes, please fill out the appropriate information below. If you have more than one entity press the "ADD" button to add a row. Excess rows can be removed by pressing the "X" button.									
Name of Institution	on/Company	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments			
DePuy Synthes Spine		✓	✓						
Setting Scoliosis Straig	ht Foundation	✓							
Continue									
Section 3. Relevant financial activities outside the submitted work.									
Place a check in the appropriate boxes in the table to indicate whether you have financial relationships (regardless of amount of compensation) with entities as described in the instructions. Use one line for each entity; add as many lines as you need by clicking the "Add +" box. You should report relationships that were present during the 36 months prior to publication . Are there any relevant conflicts of interest?									
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