

ICMJE Form for Disclosure of Potential Conflicts of Interest

Instructions

The purpose of this form is to provide readers of your manuscript with information about your other interests that could influence how they receive and understand your work. The form is designed to be completed electronically and stored electronically. It contains programming that allows appropriate data display. Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information. The form is in four parts.

1. Identifying information.

Enter your full name. If you are NOT the corresponding author please check the box "no" and a space to enter the name of the corresponding author in the space that appears. Provide the requested manuscript information. Double-check the manuscript number and enter it.

2. The work under consideration for publication.

This section asks for information about the work that you have submitted for publication. The time frame for this reporting is that of the work itself, from the initial conception and planning to the present. The requested information is about resources that you received, either directly or indirectly (via your institution), to enable you to complete the work. Checking "No" means that you did the work without receiving any financial support from any third party -- that is, the work was supported by funds from the same institution that pays your salary and that institution did not receive third-party funds with which to pay you. If you or your institution received funds from a third party to support the work, such as a government granting agency, charitable foundation or commercial sponsor, check "Yes". Then complete the appropriate boxes to indicate the type of support and whether the payment went to you, or to your institution, or both.

3. Relevant financial activities outside the submitted work.

This section asks about your financial relationships with entities in the bio-medical arena that could be perceived to influence, or that give the appearance of potentially influencing, what you wrote in the submitted work. You should disclose interactions with ANY entity that could be considered broadly relevant to the work. For example, if your article is about testing an epidermal growth factor receptor (EGFR) antagonist in lung cancer, you should report all associations with entities pursuing diagnostic or therapeutic strategies in cancer in general, not just in the area of EGFR or lung cancer.

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For grants you have received for work outside the submitted work, you should disclose support ONLY from entities that could be perceived to be affected financially by the published work, such as drug companies, or foundations supported by entities that could be perceived to have a financial stake in the outcome. Public funding sources, such as government agencies, charitable foundations or academic institutions, need not be disclosed. For example, if a government agency sponsored a study in which you have been involved and drugs were provided by a pharmaceutical company, you need only list the pharmaceutical company.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Keith 2. Surname (Last Name) Bridwell 3. Effective Date (07-August-2008) 27-January-2014

4. Are you the corresponding author? Yes No

5. Manuscript Title
Specialty Update: What's New in Spine Surgery 2014

6. Manuscript Identifying Number (if you know it)

Section 2. The Work Under Consideration for Publication

Did you or your institution at any time receive payment or services from a third party for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc...)?

Complete each row by checking "No" or providing the requested information. **If you have more than one relationship click the "Add" button to add a row. Excess rows can be removed by clicking the "X" button.**

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Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
1. Grant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consulting fee or honorarium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Support for travel to meetings for the study or other purposes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Fees for participation in review activities such as data monitoring boards, statistical analysis, end point committees, and the like	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Payment for writing or reviewing the manuscript	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Provision of writing assistance, medicines, equipment, or administrative support	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

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Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
7. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			ADD
						X
						ADD

* This means money that your institution received for your efforts on this study.

** Use this section to provide any needed explanation.

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 submission.

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Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
1. Board membership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consultancy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Employment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Expert testimony	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Grants/grants pending	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NIH	\$2.5 million over 5 years (2010-2015)	X
						ADD
6. Payment for lectures including service on speakers bureaus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
7. Payment for manuscript preparation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

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Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
						ADD
8. Patents (planned, pending or issued)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
9. Royalties	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
10. Payment for development of educational presentations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
11. Stock/stock options	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
12. Travel/accommodations/meeting expenses unrelated to activities listed**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
13. Other (err on the side of full disclosure)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
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1. Given Name (First Name) Jeffrey 2. Surname (Last Name) Wang 3. Effective Date (07-August-2008) 27-January-2014

4. Are you the corresponding author? Yes No Corresponding Author's Name
Keith H. Bridwell, MD

5. Manuscript Title
Specialty Update: What's New in Spine Surgery 2014

6. Manuscript Identifying Number (if you know it)

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1. Grant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consulting fee or honorarium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Support for travel to meetings for the study or other purposes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Fees for participation in review activities such as data monitoring boards, statistical analysis, end point committees, and the like	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Payment for writing or reviewing the manuscript	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Provision of writing assistance, medicines, equipment, or administrative support	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

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7. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			ADD
						X
						ADD

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Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
1. Board membership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AO Foundation	AOSpine Board	X
1. Board membership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	north american spine society	no money paid	X
1. Board membership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	cervical spine research society	no money paid	X
1. Board membership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	collaborative spine research society	no money paid	X
						ADD
2. Consultancy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Employment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UCLA	my former job	X
3. Employment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USC	my current job	X
						ADD
4. Expert testimony	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	various law firms	money paid to institution and to me at times	X
						ADD

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Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
5. Grants/grants pending	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			×
						ADD
6. Payment for lectures including service on speakers bureaus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			×
						ADD
7. Payment for manuscript preparation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			×
						ADD
8. Patents (planned, pending or issued)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			×
						ADD
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Biomet, Stryker, Alphatec, Synthes, Amedica, Osprey, Aesculap, Seaspine		×
						ADD
10. Payment for development of educational presentations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			×
						ADD
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fziomed, Promethean Spine, Paradigm spine, Benevenue, NexGen, Pioneer, Amedica, Vertiflex, electrocore, surgitech, Axiomed, VG Innovations, Corespine, expanding orthopaedics, Syndicom, Osprey, bone biologics, curative biosciences, pearlriver	no money paid, but options or personal investments	×
						ADD
12. Travel/accommodations/meeting expenses unrelated to activities listed**	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Board meeting/ activities for: AOSpine, NASS, and CSRS, CSRF	expense reimbursements	×
						ADD

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13. Other (err on the side of full disclosure)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	AO Foundation	spine fellowship funding	X
						ADD

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Han Jo	2. Surname (Last Name) Kim	3. Effective Date (07-August-2008) 29-January-2014
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Keith H. Bridwell, MD
5. Manuscript Title Specialty Update: What's New in Spine Surgery 2014		
6. Manuscript Identifying Number (if you know it)		

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1. Grant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consulting fee or honorarium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Support for travel to meetings for the study or other purposes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Fees for participation in review activities such as data monitoring boards, statistical analysis, end point committees, and the like	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Payment for writing or reviewing the manuscript	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Provision of writing assistance, medicines, equipment, or administrative support	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

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7. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			ADD
						X
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						ADD
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Medtronic, Inc		X
						ADD
3. Employment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Expert testimony	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Grants/grants pending	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Payment for lectures including service on speakers bureaus	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	K2M, Inc		X
						ADD
7. Payment for manuscript preparation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

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						ADD
8. Patents (planned, pending or issued)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
9. Royalties	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
10. Payment for development of educational presentations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
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Use this section to report 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.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Scott	2. Surname (Last Name) Boden	3. Effective Date (07-August-2008) 27-January-2014
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Keith H. Bridwell, MD
5. Manuscript Title Specialty Update: What's New in Spine Surgery 2014		
6. Manuscript Identifying Number (if you know it)		

Section 2. The Work Under Consideration for Publication

Did you or your institution at any time receive payment or services from a third party for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc...)?

Complete each row by checking "No" or providing the requested information. **If you have more than one relationship click the "Add" button to add a row. Excess rows can be removed by clicking the "X" button.**

The Work Under Consideration for Publication

Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
1. Grant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consulting fee or honorarium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Support for travel to meetings for the study or other purposes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Fees for participation in review activities such as data monitoring boards, statistical analysis, end point committees, and the like	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Payment for writing or reviewing the manuscript	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Provision of writing assistance, medicines, equipment, or administrative support	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

ICMJE Form for Disclosure of Potential Conflicts of Interest

The Work Under Consideration for Publication						
Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
7. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			ADD
						X
						ADD

* This means money that your institution received for your efforts on this study.

** Use this section to provide any needed explanation.

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 submission.

Complete each row by checking "No" or providing the requested information. If you have more than one relationship click the "Add" button to add a row. Excess rows can be removed by clicking the "X" button.

Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
1. Board membership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consultancy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Employment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Expert testimony	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Grants/grants pending	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Payment for lectures including service on speakers bureaus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
7. Payment for manuscript preparation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

ICMJE Form for Disclosure of Potential Conflicts of Interest

Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
						ADD
8. Patents (planned, pending or issued)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pending patents for emory on small molecules		X
						ADD
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Medtronic for DBM		X
						ADD
10. Payment for development of educational presentations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
11. Stock/stock options	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
12. Travel/accommodations/meeting expenses unrelated to activities listed**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
13. Other (err on the side of full disclosure)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD

* This means money that your institution received for your efforts.

** For example, if you report a consultancy above there is no need to report travel related to that consultancy on this line.

Section 4. Other relationships

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?

- No other relationships/conditions/circumstances that present a potential conflict of interest
- Yes, the following relationships/conditions/circumstances are present (explain below):

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.

Hide All Table Rows Checked 'No'

SAVE

ICMJE Form for Disclosure of Potential Conflicts of Interest

Evaluation and Feedback

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

ICMJE Form for Disclosure of Potential Conflicts of Interest

Instructions

The purpose of this form is to provide readers of your manuscript with information about your other interests that could influence how they receive and understand your work. The form is designed to be completed electronically and stored electronically. It contains programming that allows appropriate data display. Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information. The form is in four parts.

1. Identifying information.

Enter your full name. If you are NOT the corresponding author please check the box "no" and a space to enter the name of the corresponding author in the space that appears. Provide the requested manuscript information. Double-check the manuscript number and enter it.

2. The work under consideration for publication.

This section asks for information about the work that you have submitted for publication. The time frame for this reporting is that of the work itself, from the initial conception and planning to the present. The requested information is about resources that you received, either directly or indirectly (via your institution), to enable you to complete the work. Checking "No" means that you did the work without receiving any financial support from any third party -- that is, the work was supported by funds from the same institution that pays your salary and that institution did not receive third-party funds with which to pay you. If you or your institution received funds from a third party to support the work, such as a government granting agency, charitable foundation or commercial sponsor, check "Yes". Then complete the appropriate boxes to indicate the type of support and whether the payment went to you, or to your institution, or both.

3. Relevant financial activities outside the submitted work.

This section asks about your financial relationships with entities in the bio-medical arena that could be perceived to influence, or that give the appearance of potentially influencing, what you wrote in the submitted work. You should disclose interactions with ANY entity that could be considered broadly relevant to the work. For example, if your article is about testing an epidermal growth factor receptor (EGFR) antagonist in lung cancer, you should report all associations with entities pursuing diagnostic or therapeutic strategies in cancer in general, not just in the area of EGFR or lung cancer.

Report all sources of revenue paid (or promised to be paid) directly to you or your institution on your behalf over the 36 months prior to submission of the work. This should include all monies from sources with relevance to the submitted work, not just monies from the entity that sponsored the research. Please note that your interactions with the work's sponsor that are outside the submitted work should also be listed here. If there is any question, it is usually better to disclose a relationship than not to do so.

For grants you have received for work outside the submitted work, you should disclose support ONLY from entities that could be perceived to be affected financially by the published work, such as drug companies, or foundations supported by entities that could be perceived to have a financial stake in the outcome. Public funding sources, such as government agencies, charitable foundations or academic institutions, need not be disclosed. For example, if a government agency sponsored a study in which you have been involved and drugs were provided by a pharmaceutical company, you need only list the pharmaceutical company.

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Use this section to report 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.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Paul

2. Surname (Last Name)
Anderson

3. Effective Date (07-August-2008)
27-January-2014

4. Are you the corresponding author? Yes No
Corresponding Author's Name
Keith H. Bridwell, MD

5. Manuscript Title
Specialty Update: What's New in Spine Surgery 2014

6. Manuscript Identifying Number (if you know it)

Section 2. The Work Under Consideration for Publication

Did you or your institution at any time receive payment or services from a third party for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc...)?

Complete each row by checking "No" or providing the requested information. **If you have more than one relationship click the "Add" button to add a row. Excess rows can be removed by clicking the "X" button.**

The Work Under Consideration for Publication

Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
1. Grant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consulting fee or honorarium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Support for travel to meetings for the study or other purposes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Fees for participation in review activities such as data monitoring boards, statistical analysis, end point committees, and the like	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Payment for writing or reviewing the manuscript	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Provision of writing assistance, medicines, equipment, or administrative support	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

ICMJE Form for Disclosure of Potential Conflicts of Interest

The Work Under Consideration for Publication						
Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
7. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			ADD
						X
						ADD

* This means money that your institution received for your efforts on this study.

** Use this section to provide any needed explanation.

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 submission.

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Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
1. Board membership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stryker		X
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pioneer surgical		X
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Aesculap		X
						ADD
3. Employment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Expert testimony	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Grants/grants pending	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Payment for lectures including service on speakers bureaus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

ICMJE Form for Disclosure of Potential Conflicts of Interest

Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
						ADD
7. Payment for manuscript preparation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
8. Patents (planned, pending or issued)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pioneer surgical		X
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stryker		X
						ADD
10. Payment for development of educational presentations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pioneer surgical		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Spartec		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SI BOne		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Expanding Orthopedics		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Titan surgical		X
						ADD
12. Travel/accommodations/meeting expenses unrelated to activities listed**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
13. Other (err on the side of full disclosure)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JBJS editor		X
						ADD

* This means money that your institution received for your efforts.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 4.

Other relationships

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Hide All Table Rows Checked 'No'

SAVE

Evaluation and Feedback

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

ICMJE Form for Disclosure of Potential Conflicts of Interest

Instructions

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1. Identifying information.

Enter your full name. If you are NOT the corresponding author please check the box "no" and a space to enter the name of the corresponding author in the space that appears. Provide the requested manuscript information. Double-check the manuscript number and enter it.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Alexander	2. Surname (Last Name) Vaccaro, MD PhD	3. Effective Date (07-August-2008) 27-January-2014
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Keith H. Bridwell, MD
5. Manuscript Title Specialty Update: What's New in Spine Surgery 2014		
6. Manuscript Identifying Number (if you know it)		

Section 2. The Work Under Consideration for Publication

Did you or your institution at any time receive payment or services from a third party for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc...)?

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The Work Under Consideration for Publication

Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
1. Grant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
2. Consulting fee or honorarium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
3. Support for travel to meetings for the study or other purposes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
4. Fees for participation in review activities such as data monitoring boards, statistical analysis, end point committees, and the like	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Payment for writing or reviewing the manuscript	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
6. Provision of writing assistance, medicines, equipment, or administrative support	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X

ICMJE Form for Disclosure of Potential Conflicts of Interest

The Work Under Consideration for Publication						
Type	No	Money Paid to You	Money to Your Institution*	Name of Entity	Comments**	
						ADD
7. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD

* This means money that your institution received for your efforts on this study.

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Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
1. Board membership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AO Spine		X
1. Board membership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Innovative Surgical Design		X
1. Board membership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Association of Collaborative Spine Research		X
1. Board membership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Spinicity		X
						ADD
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stout Medical		X
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gerson Lehrman Group		X
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Guidepoint Global		X
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Medacorp		X
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Innovative Surgical Design		X
2. Consultancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Orthobullets		X

ICMJE Form for Disclosure of Potential Conflicts of Interest

Relevant financial activities outside the submitted work						
Type of Relationship (in alphabetical order)	No	Money Paid to You	Money to Your Institution*	Entity	Comments	
						ADD
3. Employment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rothman Institute		X
						ADD
4. Expert testimony	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
5. Grants/grants pending	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stryker Spine		X
5. Grants/grants pending	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Nuvasive		X
5. Grants/grants pending	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cerapedics		X
						ADD
6. Payment for lectures including service on speakers bureaus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
7. Payment for manuscript preparation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
8. Patents (planned, pending or issued)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DePuy		X
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Medtronic		X
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stryker Spine		X
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Biomet Spine		X
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Globus		X
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Aesculap		X
9. Royalties	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Nuvasive		X
						ADD
10. Payment for development of educational presentations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Replication Medica		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Globus		X

ICMJE Form for Disclosure of Potential Conflicts of Interest

11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	K-2 Medical		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Paradigm Spine		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stout Medical		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Spine Medica		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Computational Biodynamics		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Progressive Spinal Technologies		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Spinology		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Small Bone Innovations		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cross Current		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Syndicom		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Vivo		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flagship Surgical		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Advanced Spinal Intellectual Properties		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cytonics		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bonovo Orthopaedics		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Electrocore		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gamma Spine		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Location Based Intelligence		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FlowPharma		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	R.S.I.		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rothman Institute and Related Properties		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Innovative Surgical Design		X
11. Stock/stock options	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Spinicity		X
						ADD
12. Travel/accommodations/meeting expenses unrelated to activities listed**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD
13. Other (err on the side of full disclosure)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
						ADD

ICMJE Form for Disclosure of Potential Conflicts of Interest

* This means money that your institution received for your efforts.

** For example, if you report a consultancy above there is no need to report travel related to that consultancy on this line.

Section 4.

Other relationships

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?

No other relationships/conditions/circumstances that present a potential conflict of interest

Yes, the following relationships/conditions/circumstances are present (explain below):

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