

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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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) 17-January-2013

4. Are you the corresponding author? Yes No

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

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 |

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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.

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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 grant | | 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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|---|-------------------------------------|--------------------------|----------------------------|--------|----------|-----|
| 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 |
| | | | | | | ADD |

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** 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

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- 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

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Evaluation and Feedback

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

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Section 1. Identifying Information

| | | |
|--|---|---|
| 1. Given Name (First Name) Jeffrey | 2. Surname (Last Name) Wang | 3. Effective Date (07-August-2008) 17-January-2013 |
| 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 | | |
| 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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|--|-------------------------------------|--------------------------|----------------------------|----------------|------------|------------|
| 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 |

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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"/> | North American Spine Society | no money paid for this so i could not "check" the money "paid" box | X |
| 1. Board membership | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | AO Foundation | | X |
| | | | | | | ADD |
| 2. Consultancy | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | BSI | | X |
| | | | | | | ADD |
| 3. Employment | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | X |
| | | | | | | ADD |
| 4. Expert testimony | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | various law firms | | 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 |

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| 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"/> | Biomet | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Medtronics | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Alphatech | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Osprey | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Amedica | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stryker | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Aesculap | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Integra | disclosed but not required to pay to my department | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Depuy Synthes | disclosed but not required to pay to my department | 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"/> | fziomed | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | promethean | | X |

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| | | | | | | |
|--|-------------------------------------|-------------------------------------|--------------------------|------------------------|--|-----|
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | pioneer | | 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"/> | surgitech | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | paradigm | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | benvenue | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | nexgen | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | amedica | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | vertiflex | | 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"/> | axiomed | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | corespine | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | expanding orthopaedics | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | pearlriver | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | curative biosciences | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | bone biologics | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | VG innovations | | 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 |

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| | | |
|--|---|---|
| 1. Given Name (First Name) Alexander | 2. Surname (Last Name) Vaccaro | 3. Effective Date (07-August-2008) 18-January-2013 |
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| | | | | | | ADD |
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| | | | | | | ADD |
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| | | | | | | ADD |
| 5. Payment for writing or reviewing the manuscript | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | 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 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 |
| | | | | | | ADD |
| 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"/> | Medacorp | | 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"/> | Gerson Lehrman Group | | X |
| 2. Consultancy | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stout Medical | | X |
| | | | | | | ADD |
| 3. Employment | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Rothman Institute | | X |
| | | | | | | ADD |

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 | |
| 4. Expert testimony | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | legal testimony | | 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"/> | Honorarium | | 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"/> | Related to royalties | | 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"/> | Globus | | X |
| 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 |

ICMJE Form for Disclosure of Potential Conflicts of Interest

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

ICMJE Form for Disclosure of Potential Conflicts of Interest

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

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.

4. Other relationships.

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) 21-January-2013

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

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 type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | VA Merit Review Grant, NIH R01 Grant | | 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 type="checkbox"/> | <input checked="" type="checkbox"/> | Osteoinductive Small Molecules | | X |
| | | | | | | ADD |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Medtronic (DBM product) | | 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):

Emory has recently spun off a start-up company that has rights to inventions of which I am a co-inventor (osteoinductive small molecules) that ultimately may in the future be licensed and developed into products. Emory and the inventors may derive financial benefits in the future.

ICMJE Form for Disclosure of Potential Conflicts 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.

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

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.

4. Other relationships.

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) 21-January-2013 |
| 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 | | |
| 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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Medtronic | | 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"/> | Styker | | X |
| 9. Royalties | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pioneer surgical | | 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"/> | Titan Surgical | | 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"/> | Spartec | | X |
| 11. Stock/stock options | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Expanding orthopedics | | 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 Deputy editor | | 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.

ICMJE Form for Disclosure of Potential Conflicts of Interest

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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