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 six parts.

1. Identifying information.

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Royalties: Funds are coming in to you or your institution due to your patent
ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)  Stefano
2. Surname (Last Name)  Brianza
3. Date  24-January-2020
4. Are you the corresponding author?  Yes  No
   Corresponding Author’s Name
   PD Dr. med. Dirk Wähnert
5. Manuscript Title
   Variable Fixation technology provides rigid as well as progressive dynamic fixation: a biomechanical investigation.
6. Manuscript Identifying Number (if you know it)
   JBJS-D-19-01302R1

Section 2. The Work Under Consideration for Publication

Did you or your institution at any time receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)? Are there any relevant conflicts of interest?  Yes  No

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<tr>
<td>Biomech Innovations AG</td>
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<td></td>
<td>Stefano Brianza is the owner of Biomech Innovations AG, the company that has developed the new locking technology. Biomech Innovations AG has sponsored this investigation with about 11’500$ (10’000 EUR).</td>
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Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work?  
☐ Yes  ✔ No

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Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

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

Stefano Brianza is the inventor of this new technology. Biomech Innovations AG is the owner of this technology. Biomech Innovations AG sponsored this study. The study has been performed by an independent third party without Biomech Innovations AG supervision. Data have been retrieved and analysed by the independent party. Biomech Innovations AG reviewed the manuscript and checked that the information provided to readers is supported by evidence only and is in line with the product information for use.

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Section 6. Disclosure Statement

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Dr. Brianza reports other from Biomech Innovations AG, outside the submitted work; and Stefano Brianza is the inventor of this technology. Biomech Innovations AG is the owner of this technology. Biomech Innovations AG sponsored this study. The study has been performed by an independent third party without Biomech Innovations AG supervision. Data have been retrieved and analysed by the independent party. Biomech Innovations AG reviewed the manuscript and checked that the information provided to readers is supported by evidence only and is in line with the product information for use.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)  
   Andre

2. Surname (Last Name)  
   Frank

3. Date  
   24-January-2020

4. Are you the corresponding author?  
   Yes ☑  No ☐

   Corresponding Author’s Name  
   PD Dr. med. Dirk Wähnert

5. Manuscript Title  
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Are there any relevant conflicts of interest?  
   Yes ☑  No ☐

If yes, please fill out the appropriate information below. If you have more than one entity press the “ADD” button to add a row. Excess rows can be removed by pressing the "X" button.

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Mr. Frank reports grants from Biomech Innovations AG, during the conduct of the study.

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Plecko
ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)  
Michael

2. Surname (Last Name)  
Plecko

3. Date  
24-January-2020

4. Are you the corresponding author?  
Yes  ✔  No

Corresponding Author’s Name  
PD Dr. med. Dirk Wähnert

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Dr. Plecko is part of Biomech Innovations AG scientific advisory board. He provides this service free of charges.

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1. Given Name (First Name)
   Michael J.
2. Surname (Last Name)
   Raschke
3. Date
   24-January-2020
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Prof. Dr. M. J. Raschke reports grants from Biomech Innovations AG, during the conduct of the study.

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1. Given Name (First Name)  
   Dirk

2. Surname (Last Name)  
   Wähnert

3. Date  
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4. Are you the corresponding author?  
   ✔ Yes  
   ☐ No

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Are there any relevant conflicts of interest?  
   ✔ Yes  
   ☐ No

**Section 3. Relevant financial activities outside the submitted work.**

Place a check in the appropriate boxes in the table to indicate whether you have financial relationships (regardless of amount of compensation) with entities as described in the instructions. Use one line for each entity; add as many lines as you need by clicking the "Add +" box. You should report relationships that were present during the 36 months prior to publication.

If yes, please fill out the appropriate information below.

<table>
<thead>
<tr>
<th>Name of Entity</th>
<th>Grant?</th>
<th>Personal Fees?</th>
<th>Non-Financial Support?</th>
<th>Other?</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomech Innovations AG</td>
<td>☐</td>
<td>✔</td>
<td>☐</td>
<td>✔</td>
<td>Biomech Innovations pays Dr. Wähnert to review quality documentation that concerns clinical applications. Dr. Wähnert is part of Biomech Innovations scientific board and provides this service free of charge.</td>
</tr>
</tbody>
</table>
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Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work?  
☐ Yes  ✔ No

Section 5. Relationships not covered above

Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

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

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At the time of manuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements. On occasion, journals may ask authors to disclose further information about reported relationships.

Section 6. Disclosure Statement

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

Dr. Wähnert reports personal fees and other from Biomech Innovations AG, outside the submitted work.

Evaluation and Feedback

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