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.

2. The work under consideration for publication.

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**Royalties:** Funds are coming in to you or your institution due to your patent
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Section 1. Identifying Information

1. Given Name (First Name)  Andrew
2. Surname (Last Name)  Barrett
3. Date  16-December-2019
4. Are you the corresponding author?  No

5. Manuscript Title
Detecting Inadvertent Muscle Damage during a Piriformis “Sparing” Approach to the Hip

6. Manuscript Identifying Number (if you know it)

Section 2. The Work Under Consideration for Publication

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Are there any relevant conflicts of interest?  No

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Are there any relevant conflicts of interest?  No

Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work?  Yes

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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?

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Dr. Barrett reports In addition, Dr. Barrett has a patent Method for Utilizing Instrumented Retractors to Detect Muscle Damage pending, a patent Application of Force and Torque Sensors to Surgical Retractors pending, and a patent Method of enhancing robotic retractor systems pending.

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Section 1. Identifying Information

1. Given Name (First Name) Derek
2. Surname (Last Name) Amanatullah
3. Date 16-December-2019
4. Are you the corresponding author? Yes ☑ No
5. Manuscript Title
Detecting Inadvertent Muscle Damage during a Piriformis “Sparing” Approach to the Hip
6. Manuscript Identifying Number (if you know it)

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Are there any relevant conflicts of interest? Yes ☑ No
If yes, please fill out the appropriate information below.

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Do you have any patents, whether planned, pending or issued, broadly relevant to the work? ☑ Yes ☐ No
If yes, please fill out the appropriate information below. If you have more than one entity press the “ADD” button to add a row. Excess rows can be removed by pressing the “X” button.

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Dr. Amanatullah reports grants and personal fees from Stryker, grants from Zimmer-Biomet, grants from Sparta Health Science, grants from Reflexion, personal fees from Medscape, personal fees from Exactech, personal fees from Radial Medical, outside the submitted work; In addition, Dr. Amanatullah has a patent Method for Utilizing Instrumented Retractors to Detect Muscle Damage pending, a patent Application of Force and Torque Sensors to Surgical Retractors pending, and a patent Method of enhancing robotic retractor systems pending.
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**Section 1. Identifying Information**

1. Given Name (First Name)  
   Harsh

2. Surname (Last Name)  
   Shah

3. Date  
   16-December-2019

4. Are you the corresponding author?  
   ✔ Yes  
   No

Corresponding Author’s Name  
Derek F. Amanatullah

5. Manuscript Title  
Detecting Inadvertent Muscle Damage during a Piriformis “Sparing” Approach to the Hip

6. Manuscript Identifying Number (if you know it)

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✔ Yes  
No

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Method of enhancing robotic retractor systems

Section 5.

Relationships not covered above

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Disclosure Statement

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Dr. Shah reports In addition, Dr. Shah has a patent Method for Utilizing Instrumented Retractors to Detect Muscle Damage pending, a patent Application of Force and Torque Sensors to Surgical Retractors pending, and a patent Method of enhancing robotic retractor systems pending.

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1. Given Name (First Name) Hunter
2. Surname (Last Name) Storaci
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4. Are you the corresponding author? ☑ Yes ☑ No

Corresponding Author’s Name
Derek F. Amanatullah

5. Manuscript Title
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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. Storaci reports In addition, Dr. Storaci has a patent Method for Utilizing Instrumented Retractors to Detect Muscle Damage pending, a patent Application of Force and Torque Sensors to Surgical Retractors pending, and a patent Method of enhancing robotic retractor systems pending.

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