

#### **Instructions**

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Ayers 1



| Section 1. Identifying Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | nation                                                              |                          |                                      |  |  |
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| Identifying Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |                          |                                      |  |  |
| Given Name (First Name)  David                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2. Surname (Last Name)<br>Ayers                                     |                          | 3. Date<br>23-June-2014              |  |  |
| 4. Are you the corresponding author?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Are you the corresponding author? Yes No                            |                          |                                      |  |  |
| 5. Manuscript Title<br>Using TJR registry data to improve the accuracy of risk adjustment prediction models for 30-day readmission afte THR and<br>TKR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                     |                          |                                      |  |  |
| 6. Manuscript Identifying Number (if you kr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | now it)                                                             |                          |                                      |  |  |
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| Section 2. The Work Under Co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | onsideration for Publicat                                           | ion                      |                                      |  |  |
| Did you or your institution <b>at any time</b> rece<br>any aspect of the submitted work (including<br>statistical analysis, etc.)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | but not limited to grants, data r                                   |                          |                                      |  |  |
| Are there any relevant conflicts of intere                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |                          |                                      |  |  |
| If yes, please fill out the appropriate info<br>Excess rows can be removed by pressin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     | nore than one entity p   | oress the "ADD" button to add a row. |  |  |
| Name of Institution/Company  Grant  Personal Non-Financial Support  Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                     |                          |                                      |  |  |
| University of Massachusetts Medical School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     | АН                       | IRQ                                  |  |  |
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| Section 3. Relevant financial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | activities outside the sub                                          | mitted work.             |                                      |  |  |
| Place a check in the appropriate boxes in the appropriate boxes in the appropriate boxes in the compensation) with entities as described to the "Add +" box. You should report to the compensation of the comp | bed in the instructions. Use coort relationships that were <b>p</b> | one line for each entity | y; add as many lines as you need by  |  |  |
| Are there any relevant conflicts of interest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | est? Yes ✓ No                                                       |                          |                                      |  |  |
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| Section 4. Intellectual Proper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ty Patents & Copyright                                              | is                       |                                      |  |  |
| Do you have any patents, whether plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ned, pending or issued, broad                                       | dly relevant to the wo   | ork? ☐ Yes   ✓ No                    |  |  |

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| Section 5.                                                                                      |                                                                                                                                                                                                          |  |  |  |
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| Section 5.                                                                                      | Relationships not covered above                                                                                                                                                                          |  |  |  |
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|                                                                                                 | anuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements<br>Irnals may ask authors to disclose further information about reported relationships. |  |  |  |
| Section 6.                                                                                      | Disclosure Statement                                                                                                                                                                                     |  |  |  |
| Based on the about below.                                                                       | ove disclosures, this form will automatically generate a disclosure statement, which will appear in the box                                                                                              |  |  |  |
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Franklin 1



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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|--|
| 1. Given Name (First Name)<br>Patricia                                                                                                                                           | 2. Surname (Last Name)<br>Franklin                         |                                  | 3. Date<br>23-June-2014                                                            |  |
| 4. Are you the corresponding author?                                                                                                                                             | ☐ Yes ✓ No                                                 | Corresponding Author David Ayers | or's Name                                                                          |  |
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| Did you or your institution <b>at any time</b> rece<br>any aspect of the submitted work (including<br>statistical analysis, etc.)?<br>Are there any relevant conflicts of intere | but not limited to grants, da                              |                                  | ent, commercial, private foundation, etc.) for udy design, manuscript preparation, |  |
| •                                                                                                                                                                                | ormation below. If you hav                                 | e more than one enti             | ty press the "ADD" button to add a row.                                            |  |
| Name of Institution/Company  Grant  Personal Fees  Support  Comments  Comments                                                                                                   |                                                            |                                  |                                                                                    |  |
| University of Massachusetts Medical School                                                                                                                                       | <b>✓</b>                                                   |                                  | AHRQ                                                                               |  |
|                                                                                                                                                                                  |                                                            |                                  |                                                                                    |  |
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Franklin 2



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| 1. Given Name (First Name)<br>Susan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2. Surname (Last Name)<br>Odem                                                            |                                                  | 3. Date<br>16-October-2014                                                         |
| 4. Are you the corresponding author?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ☐ Yes ✓ No                                                                                | Corresponding Author David Ayers                 | or's Name                                                                          |
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| If yes, please fill out the appropriate info<br>Excess rows can be removed by pressing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ormation below. If you hav                                                                | e more than one enti                             | ty press the "ADD" button to add a row.                                            |
| Name of Institution/Company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Grant? Personal Nor                                                                       | n-Financial Other?                               | Comments                                                                           |
| University of Massachusetts Medical School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>✓</b>                                                                                  |                                                  | AHRQ                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                           |                                                  |                                                                                    |
| Section 3. Relevant financial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | activities outside the s                                                                  | submitted work.                                  |                                                                                    |
| Place a check in the appropriate boxes i<br>of compensation) with entities as descri<br>clicking the "Add +" box. You should rep<br>Are there any relevant conflicts of intere                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | n the table to indicate who<br>bed in the instructions. Us<br>port relationships that wer | ether you have financ<br>se one line for each er | ntity; add as many lines as you need by                                            |
| Section 4. Intellectual Proper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ty Patents & Copyric                                                                      | jhts                                             |                                                                                    |
| Do you have any patents, whether plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ned, pending or issued, br                                                                | oadly relevant to the                            | work? Yes Vo                                                                       |

Odem 2



| Section 5.                                                                             |                                                                                                                                                                                                     |  |  |  |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Section 5.                                                                             | Relationships not covered above                                                                                                                                                                     |  |  |  |
|                                                                                        | ationships or activities that readers could perceive to have influenced, or that give the appearance of cing, what you wrote in the submitted work?                                                 |  |  |  |
| Yes, the following relationships/conditions/circumstances are present (explain below): |                                                                                                                                                                                                     |  |  |  |
| ✓ No other relation                                                                    | onships/conditions/circumstances that present a potential conflict of interest                                                                                                                      |  |  |  |
|                                                                                        | uscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements<br>als may ask authors to disclose further information about reported relationships. |  |  |  |
| Section 6.                                                                             | Disclosure Statement                                                                                                                                                                                |  |  |  |
| Based on the above below.                                                              | e disclosures, this form will automatically generate a disclosure statement, which will appear in the box                                                                                           |  |  |  |
|                                                                                        |                                                                                                                                                                                                     |  |  |  |
|                                                                                        |                                                                                                                                                                                                     |  |  |  |

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Odem 3



#### **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.

## Identifying information.

## 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".

#### 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. Intellectual Property.

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

## Relationships not covered above.

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.

#### Definitions.

**Entity:** government agency, foundation, commercial sponsor, academic institution, etc.

**Grant:** A grant from an entity, generally [but not always] paid to your organization

**Personal Fees:** Monies paid to you for services rendered, generally honoraria, royalties, or fees for consulting, lectures, speakers bureaus, expert testimony, employment, or other affiliations

**Non-Financial Support:** Examples include drugs/equipment supplied by the entity, travel paid by the entity, writing assistance, administrative support, etc.

Other: Anything not covered under the previous three boxes

**Pending:** The patent has been filed but not issued **Issued:** The patent has been issued by the agency

Liganged. The patent has been liganeed to an ent

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

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

Fehring 1



| Section 1. Identifying Inform                                                                                                                                                     | nation                                                     |                                  |                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|
| Given Name (First Name) Thomas                                                                                                                                                    | 2. Surname (Last Name)<br>Fehring                          |                                  | 3. Date<br>16-October-2014                                                         |
| 4. Are you the corresponding author?                                                                                                                                              | Yes ✓ No                                                   | Corresponding Author David Ayers | or's Name                                                                          |
| 5. Manuscript Title<br>Using TJR registry data to improve the a<br>TKR                                                                                                            | accuracy of risk adjustmen                                 | t prediction models fo           | or 30-day readmission after THR and                                                |
| 6. Manuscript Identifying Number (if you kr                                                                                                                                       | now it)                                                    |                                  |                                                                                    |
|                                                                                                                                                                                   |                                                            |                                  |                                                                                    |
| Section 2. The Work Under Co                                                                                                                                                      | onsideration for Public                                    | ation                            |                                                                                    |
| Did you or your institution <b>at any time</b> recei<br>any aspect of the submitted work (including<br>statistical analysis, etc.)?<br>Are there any relevant conflicts of intere | but not limited to grants, da                              | . , ,                            | ent, commercial, private foundation, etc.) for udy design, manuscript preparation, |
| •                                                                                                                                                                                 | ormation below. If you hav                                 | e more than one enti             | ty press the "ADD" button to add a row.                                            |
| Name of Institution/Company                                                                                                                                                       | Grant? Personal Nor                                        | n-Financial Other?               | Comments                                                                           |
| University of Massachusetts Medical School                                                                                                                                        | <b>V</b>                                                   |                                  | AHRQ                                                                               |
|                                                                                                                                                                                   |                                                            |                                  |                                                                                    |
| Section 3. Relevant financial                                                                                                                                                     | activities outside the s                                   | submitted work.                  |                                                                                    |
| Place a check in the appropriate boxes i<br>of compensation) with entities as descri<br>clicking the "Add +" box. You should rep<br>Are there any relevant conflicts of interes   | bed in the instructions. Us<br>port relationships that wer | se one line for each er          | ntity; add as many lines as you need by                                            |
| Section 4. Intellectual Proper                                                                                                                                                    | ty Patents & Copyric                                       | ihts                             |                                                                                    |
| Do you have any patents, whether plant                                                                                                                                            |                                                            |                                  | work? ☐ Yes   ✓ No                                                                 |

Fehring 2



| 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):  No other relationships/conditions/circumstances that present a potential conflict of interest                                                 |
| At the time of manuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements. On occasion, journals may ask authors to disclose further information about reported relationships. |
| Section 6. Disclosure Statement                                                                                                                                                                                                       |
| Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.                                                                                                     |
|                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                       |

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Fehring 3