

Instructions

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4. Intellectual Property.

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

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| Section 1. Identifying Inform | nation | |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 1. Given Name (First Name) James | 2. Surname (Last Name) Howard | 3. Date 16-October-2019 |
| 4. Are you the corresponding author? | ✓ Yes No | |
| 5. Manuscript Title Improving ultrasound video classificati | on: an evaluation of novel deep learning methods in | echocardiography |
| 6. Manuscript Identifying Number (if you k | now it) | |
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| Section 2. The Work Under C | onsideration for Publication | |
| | eive payment or services from a third party (government, co g but not limited to grants, data monitoring board, study d est? Yes V No | |
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| of compensation) with entities as descu | in the table to indicate whether you have financial re ibed in the instructions. Use one line for each entity; port relationships that were present during the 36 i est? Yes Y No | add as many lines as you need by |

Section 4. Intellectual Property -- Patents & Copyrights

| Do you have any patents, whether planned, pending or issued, broadly relevant to the work? 🗌 Yes 🛛 🗸 No | Do you ha | ave any patents, | whether planned | l, pending or issued | , broadly relevant to the work? | | Yes | V N | ١o |
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Dr. Howard has nothing to disclose.

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| Section 1. Identifying Inform | nation | |
|-----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Given Name (First Name) Jeremy | 2. Surname (Last Name) Tan | 3. Date 16-October-2019 |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Name Dr James Howard |
| 5. Manuscript Title Improving ultrasound video classificatio | on: an evaluation of novel | deep learning methods in echocardiography |
| 6. Manuscript Identifying Number (if you kr | now it) | |
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| Section 2. The Work Under Co | onsideration for Publi | cation |
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| Section 3. Relevant financial | activities outside the | submitted work. |
| of compensation) with entities as descri | ibed in the instructions. Us port relationships that we | ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re present during the 36 months prior to publication . |

Section 4. Intellectual Property -- Patents & Copyrights

| Do you have any patents, whether planned, pending or issued, broadly relevant to the work? \lceil | | Yes | ٩ 🗸 | ٧o |
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Dr. Tan has nothing to disclose.

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| Section 1. Identifying Inform | nation | |
|----------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Given Name (First Name) Matthew | 2. Surname (Last Name) Shun-Shin | 3. Date 16-October-2019 |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Name James Howard |
| 5. Manuscript Title Improving ultrasound video classificati | ion: an evaluation of nove | l deep learning methods in echocardiography |
| 6. Manuscript Identifying Number (if you k | now it) | |
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| of compensation) with entities as descri | ribed in the instructions. l | hether you have financial relationships (regardless of amount Jse one line for each entity; add as many lines as you need by ere present during the 36 months prior to publication . |
| Are there any relevant conflicts of inter | rest? Yes 🖌 No | |

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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| 1. Given Name (First Name) | 2. Surname (Last Name) | 3. Date |
| Dina | Mahdi | 16-October-2019 |
| | | |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Name |
| , , , , | | James Howard |
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| 5. Manuscript Title | | |
| Improving ultrasound video classificatio | on: an evaluation of novel | deep learning methods in echocardiography |
| 6. Manuscript Identifying Number (if you kr | (a) (it) | |
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| | | a third party (government, commercial, private foundation, etc.) for |
| | but not limited to grants, da | ita monitoring board, study design, manuscript preparation, |
| statistical analysis, etc.)? | | |
| Are there any relevant conflicts of intere | est? Yes 🖌 No | |
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 1. Given Name (First Name) Alexandra | 2. Surname (Last Name) Nowbar | 3. Date 16-October-2019 |
| 4. Are you the corresponding author? | Yes Vo Corresponding Author James Howard | or's Name |
| 5. Manuscript Title Improving ultrasound video classificat | tion: an evaluation of novel deep learning metho | ds in echocardiography |
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| 5. Manuscript Title Improving ultrasound video classificat | ion: an evaluation of nove | l deep learning methods in a | echocardiography |
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| Section 2. The Work Under O | Consideration for Publi | ication | |
| Did you or your institution at any time rec any aspect of the submitted work (includir statistical analysis, etc.)? | | | |
| Are there any relevant conflicts of inte | rest? Yes 🖌 No | | |
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| Section 3. Delevent financia | | | |
| Relevant financia | l activities outside the | submitted work. | |
| Place a check in the appropriate boxes of compensation) with entities as desc clicking the "Add +" box. You should re | ribed in the instructions. U eport relationships that we | Ise one line for each entity; a | add as many lines as you need by |
| Are there any relevant conflicts of inte | rest? ∐Yes 🖌 No | | |

Section 4. Intellectual Property -- Patents & Copyrights

| Do you have any patents, whether planned, pending or issued, broadly relevant to the work? | | Yes | 0 |
|--------------------------------------------------------------------------------------------|-----|-----|---|
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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

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Section 6. Disclosure Statement

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Dr. Arnold has nothing to disclose.

Evaluation and Feedback



Instructions

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4. Intellectual Property.

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| Section 1. Identifying Inform | nation | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------|----------------------------------|
| 1. Given Name (First Name) Yousif | 2. Surname (Last Name) Ahmad | | 3. Date 16-October-2019 |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Na James Howard | me |
| 5. Manuscript Title Improving ultrasound video classificat | ion: an evaluation of nove | l deep learning methods in (| echocardiography |
| 6. Manuscript Identifying Number (if you k | now it) | | |
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| Section 2. The Work Under O | Consideration for Publi | cation | |
| Did you or your institution at any time rec any aspect of the submitted work (includin statistical analysis, etc.)? | | | - |
| Are there any relevant conflicts of inter | rest? Yes 🖌 No | | |
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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 |
|--------------------------------------------------------------------------------------------|-----|-----|----|
| | 1 1 | | |



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?

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Dr. Ahmad has nothing to disclose.

Evaluation and Feedback



Instructions

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| Section 1. Identifying Inform | nation | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| 1. Given Name (First Name) Peter | 2. Surname (Last Name) McCartney | 3. Date 16-October-2019 | | | | |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Name James Howard | | | | |
| 5. Manuscript Title Improving ultrasound video classification: an evaluation of novel deep learning methods in echocardiography | | | | | | |
| 6. Manuscript Identifying Number (if you kr | now it) | | | | | |
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| Section 2. The Work Under Co | onsideration for Publi | cation | | | | |
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| of compensation) with entities as descri | ibed in the instructions. Us port relationships that we | ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re present during the 36 months prior to publication . | | | | |
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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

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Dr. McCartney has nothing to disclose.

Evaluation and Feedback



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| Section 1. Identifying Inform | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Identifying Inform | mation | | | | |
| 1. Given Name (First Name) Massoud | 2. Surname (Last Name) Zolgharni | 3. Date 16-October-2019 | | | |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Name James Howard | | | |
| 5. Manuscript Title Improving ultrasound video classificat | ion: an evaluation of novel | deep learning methods in echocardiography | | | |
| 6. Manuscript Identifying Number (if you k | know it) | | | | |
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| Section 3. Relevant financia | l activities outside the | submitted work. | | | |
| Place a check in the appropriate boxes of compensation) with entities as desc | in the table to indicate wh ribed in the instructions. U eport relationships that we | ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re present during the 36 months prior to publication . | | | |

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

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Section 6. Disclosure Statement

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Dr. Zolgharni has nothing to disclose.

Evaluation and Feedback



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| Section 1. | Identifying Inform | ation | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------|-----------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|--|
| 1. Given Name (Fir Nick | st Name) | 2. Surnam Linton | e (Last Name) | | 3. Date 16-October-2019 | | |
| 4. Are you the corresponding author? | | Yes Vo Corresponding Author's James Howard | | Corresponding Author's Na James Howard | Name | | |
| 5. Manuscript Title Improving ultrase | | on: an evalu | ation of novel | deep learning methods in e | echocardiography | | |
| 6. Manuscript Iden | tifying Number (if you kr | iow it) | | | | | |
| | | | | | | | |
| Section 2. | The Work Under Co | onsiderati | on for Publi | cation | | | |
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| Section 3. | Relevant financial | activities | outside the s | submitted work. | | | |
| of compensation) clicking the "Add |) with entities as descri | bed in the i | nstructions. Us | se one line for each entity; a | ationships (regardless of amount add as many lines as you need by nonths prior to publication . | | |

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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Dr. Linton has nothing to disclose.

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| Section 1. Identifying Inform | nation | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------|----------------------------------|--|--|
| 1. Given Name (First Name) Nilesh | 2. Surname (Last Name) Sutaria | | 3. Date 16-October-2019 | | |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Na James Howard | me | | |
| 5. Manuscript Title Improving ultrasound video classificatio | on: an evaluation of novel | deep learning methods in e | echocardiography | | |
| 6. Manuscript Identifying Number (if you kr | now it) | | | | |
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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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Dr. Sutaria has nothing to disclose.

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| 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.)? | | | | | |
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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 | \checkmark | No |
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Dr. Rana has nothing to disclose.

Evaluation and Feedback



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| Section 1. Identifying Info | rmation | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------|---------------------------------|
| 1. Given Name (First Name) Jamil | 2. Surname (Last Name) Mayet | | 3. Date 16-October-2019 |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Nar James Howard | ne |
| 5. Manuscript Title Improving ultrasound video classific | ation: an evaluation of novel o | deen learning methods in e | echocardiography |
| 6. Manuscript Identifying Number (if you | | | |
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| Did you or your institution at any time re any aspect of the submitted work (incluc statistical analysis, etc.)? Are there any relevant conflicts of int | ling but not limited to grants, dat | | - |
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| Do you have any patents, whether planned, pending or issued, broadly relevant to the work? | | Yes | 🖌 No | |
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Dr. Mayet has nothing to disclose.

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|-----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Given Name (First Name) Daniel | 2. Surname (Last Name) Rueckert | 3. Date 16-October-2019 |
| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Name James Howard |
| 5. Manuscript Title Improving ultrasound video classificatio | on: an evaluation of novel | deep learning methods in echocardiography |
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| 4. Are you the corres | ponding author? | Yes 🖌 No | Corresponding Author's N James Howard | Name |
| 5. Manuscript Title Improving ultrasou | ınd video classificatic | on: an evaluation of | novel deep learning methods in | n echocardiography |
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| 4. Are you the corresponding author? | Yes 🖌 No | Corresponding Author's Name James Howard |
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