

Instructions

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Identifying information.

2. The work under consideration for publication.

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

Elhawaz 1



Section 1. Identifying Inform	nation		
1. Given Name (First Name) Alaa	2. Surname (Last Name) Elhawaz 3. Date 28-October-2020		
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg	
5. Manuscript Title Left ventricular blood flow kinetic energintervention in aortic stenosis.	gy is associated with the si	x-minute walk test and LV remodelling post valvular	
6. Manuscript Identifying Number (if you kr	now it)		
		-	
Section 2. The Work Under Co	onsideration for Public	cation	
Did you or your institution at any time receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)? Are there any relevant conflicts of interest? Yes Volume Yes			
Section 3. Relevant financial	activities outside the s	submitted work.	
of compensation) with entities as descri	ibed in the instructions. Us port relationships that wer	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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Do you have any patents, whether plan	ned, pending or issued, br	roadly relevant to the work? Yes V No	

Elhawaz 2



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Elhawaz 3



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Archer 1



Section 1. Identifyi	ng Information	
1. Given Name (First Name) Gareth	2. Surname (Last Name) Archer	3. Date 28-October-2020
4. Are you the corresponding a	uthor? Yes 🗸 No	Corresponding Author's Name Dr Pankaj Garg
5. Manuscript Title Left ventricular blood flow k intervention in aortic stenos	3,	six-minute walk test and LV remodelling post valvular
6. Manuscript Identifying Num	oer (if you know it)	
Section 2. The Worl	CUnder Consideration for Publ	ication
Did you or your institution at a	ny time receive payment or services from rk (including but not limited to grants, d	m a third party (government, commercial, private foundation, etc.) for data monitoring board, study design, manuscript preparation,
Section 3. Relevant	financial activities outside the	submitted work.
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Do you have any patents, wh	nether planned, pending or issued, b	oroadly relevant to the work? Yes V No

Archer 2



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Relationships not covered above
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patent

Zafar 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Hamza	2. Surname (Last Name) Zafar 3. Date 28-October-2020	
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg
5. Manuscript Title Left ventricular blood flow kinetic energintervention in aortic stenosis.	gy is associated with the si	x-minute walk test and LV remodelling post valvular
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Do you have any patents, whether plan	ned, pending or issued, br	oadly relevant to the work? Yes V No

Zafar 2



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Fidock 1



Section 1. Identifying Inform	mation	
1. Given Name (First Name) Benjamin	2. Surname (Last Name) Fidock 3. Date 28-October-2020	
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg
 Manuscript Title Left ventricular blood flow kinetic ener intervention in aortic stenosis. 	rgy is associated with the s	ix-minute walk test and LV remodelling post valvular
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Fidock 2



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Barker 1



Section 1. Identifying Inforn	nation	
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4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg
5. Manuscript Title Left ventricular blood flow kinetic ener intervention in aortic stenosis.	gy is associated with the si	ix-minute walk test and LV remodelling post valvular
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1 Jones



Section 1.	dentifying Informa	ntion			
1. Given Name (First I Rachel	Name)	2. Surname (Last Name) Jones 3. Date 28-October-2020			
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5. Manuscript Title Left ventricular bloc intervention in aort		/ is associated	d with the six	-minute walk test and LV r	emodelling post valvular
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any aspect of the subr statistical analysis, etc	mitted work (including b	out not limited			mmercial, private foundation, etc.) for sign, manuscript preparation,
Section 3.	elevant financial a	ctivities ou	tside the su	ubmitted work.	
of compensation) w clicking the "Add +"	vith entities as describ	ed in the inst ort relationsh	tructions. Use	e one line for each entity; a	ationships (regardless of amount add as many lines as you need by nonths prior to publication.
Section 4.	ntellectual Propert	y Patents	& Copyrigl	hts	
Do you have any pa	atents, whether plann	ed, pending o	or issued, bro	adly relevant to the work?	Yes 🗸 No

Jones 2



Section 5. Polotionships not solvered above
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.
Dr. Jones has nothing to disclose.

Evaluation and Feedback

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Jones 3



Instructions

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4. Intellectual Property.

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

Relationships not covered above.

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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

Rothman 1



Section 1. Identifying Inf	formation			
1. Given Name (First Name) Alexander	2. Surname (Last Name) Rothman	3. Date 28-October-2020		
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg		
5. Manuscript Title Left ventricular blood flow kinetic intervention in aortic stenosis.	energy is associated with the si	x-minute walk test and LV remodelling post valvular		
6. Manuscript Identifying Number (if y	ou know it)			
		-		
Section 2. The Work Und	or Consideration for Public	ration		
The Work Under Consideration for Publication Did you or your institution at any time receive payment or services from a third party (government, commercial, private foundation, etc.) for				
any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)?				
Are there any relevant conflicts of i	nterest? Yes V No			
Section 3. Relevant finan	cial activities outside the s	ubmitted work.		
of compensation) with entities as o	lescribed in the instructions. Us Id report relationships that wer	ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by se present during the 36 months prior to publication.		
Section 4. Intellectual Pro	operty Patents & Copyrig	hts		
Do you have any patents, whether	planned, pending or issued, bro	oadly relevant to the work? Yes V No		

Rothman 2



Section 5. Polotionskips not solvered above
Relationships not covered above
Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
Yes, the following relationships/conditions/circumstances are present (explain below):
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Section 6. Disclosure Statement
Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Dr. Rothman has nothing to disclose.

Evaluation and Feedback

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Instructions

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Hose 1



Section 1. Identifying Inform	nation		
1. Given Name (First Name) Rod	2. Surname (Last Name) Hose	3. Date 28-Octo	bber-2020
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg	
5. Manuscript Title Left ventricular blood flow kinetic energintervention in aortic stenosis.	gy is associated with the si	c-minute walk test and LV remodelli	ng post valvular
6. Manuscript Identifying Number (if you kr	now it)		
Section 2. The Work Under Co	onsideration for Public	ation	
Did you or your institution at any time rece any aspect of the submitted work (including statistical analysis, etc.)? Are there any relevant conflicts of intere	but not limited to grants, da		
Section 3. Relevant financial	activities outside the s	ubmitted work.	
Place a check in the appropriate boxes i of compensation) with entities as descri clicking the "Add +" box. You should rep Are there any relevant conflicts of interes	ibed in the instructions. Us port relationships that wer	e one line for each entity; add as ma	any lines as you need by
Section 4. Intellectual Proper	rty Patents & Copyrig	hts	
Do you have any patents, whether plan	ned, pending or issued, br	padly relevant to the work? Yes	s ✓ No

Hose 2



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Disciosure statement
Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Dr. Hose has nothing to disclose.

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Other: Anything not covered under the previous three boxes

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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

Al-Mohammad 1



Section 1.	Identifying Inform	ation					
1. Given Name (Fii Abdallah	rst Name)	2. Surnar Al-Moha	ne (Last Name) mmad			3. Date 28-October-2020	
4. Are you the cor	responding author?	Yes	√ No	Corresponding Author's Name Dr Pankaj Garg			
Left ventricular b	5. Manuscript Title Left ventricular blood flow kinetic energy is associated with the six-minute walk test and LV remodelling post valvular intervention in aortic stenosis.						
6. Manuscript Ider QIMS-20-586-R1	ntifying Number (if you kr	ow it)					
	l						
Section 2.	The Work Under Co	onsiderat	tion for Pub	lication			
any aspect of the s statistical analysis,	ubmitted work (including	but not lim				nt, commercial, private foundation, etc. udy design, manuscript preparation,) for
Section 3.	Relevant financial	activities	outside the	submitted w	ork.		
of compensation clicking the "Add Are there any rele) with entities as descri	bed in the port relations: est?	instructions. Inships that were	Use one line for	each en	ial relationships (regardless of amou tity; add as many lines as you need l • 36 months prior to publication .	
Name of Entity		Grant?	Personal N Fees?	on-Financial Support?	Other?	Comments	
Novartis			√			Attending advisory board 2019	
Astra Zeneca			✓			Honorarium for a meeting 2020	
	l						
Section 4.	Intellectual Proper	ty Pate	nts & Copyı	ights			
Do you have any	patents, whether plan	ned, pendi	ng or issued,	oroadly relevant	t to the	work? Yes Vo	

Al-Mohammad 2



Section 5.	Relationships not covered above
	elationships or activities that readers could perceive to have influenced, or that give the appearance of encing, what you wrote in the submitted work?
Yes, the follo	wing relationships/conditions/circumstances are present (explain below):
✓ No other rela	tionships/conditions/circumstances that present a potential conflict of interest
	anuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements rnals may ask authors to disclose further information about reported relationships.
Section 6.	Disclosure Statement
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Dr. Al-Mohamma	ad reports personal fees from Novartis, personal fees from Astra Zeneca, outside the submitted work; .

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Al-Mohammad 3



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Briffa 1



Section 1. Identifying Inform	nation	
Given Name (First Name) Norman	2. Surname (Last Name) Briffa	3. Date 28-October-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg
5. Manuscript Title Left ventricular blood flow kinetic energintervention in aortic stenosis.	gy is associated with the si	x-minute walk test and LV remodelling post valvular
6. Manuscript Identifying Number (if you kr	now it)	
		-
Section 2. The Work Under Co	onsideration for Public	cation
	but not limited to grants, da	a third party (government, commercial, private foundation, etc.) for ta monitoring board, study design, manuscript preparation,
Section 3. Relevant financial	activities outside the s	ubmitted work.
of compensation) with entities as descri	ibed in the instructions. Us port relationships that wer	ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by se present during the 36 months prior to publication.
Section 4. Intellectual Proper	rty Patents & Copyrig	yhts
Do you have any patents, whether plan	ned, pending or issued, br	oadly relevant to the work? Yes V No

Briffa 2



Section 5. Polationships not solvered above
Relationships not covered above
Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
Yes, the following relationships/conditions/circumstances are present (explain below):
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Dr. Briffa has nothing to disclose.

Evaluation and Feedback

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Hunter 1



Section 1.	Identifying Inform	nation		
1. Given Name (Fi Steven	rst Name)	2. Surname (Last Name) Hunter		3. Date 28-October-2020
4. Are you the cor	responding author?	Yes No Corresponding Author's Name Dr Pankaj Garg		lame
5. Manuscript Title Left ventricular k intervention in a	olood flow kinetic energ	gy is associated with the	six-minute walk test and L\	V remodelling post valvular
6. Manuscript Ide	ntifying Number (if you kr	now it)		
Section 2.	The Work Under C	onsideration for Pub	lication	
any aspect of the s statistical analysis, Are there any rel	ubmitted work (including	g but not limited to grants, o		commercial, private foundation, etc.) for design, manuscript preparation,
Section 3.	Relevant financial	activities outside the	submitted work.	
of compensation clicking the "Add Are there any rel) with entities as descr	ibed in the instructions. I port relationships that west?	Jse one line for each entity	relationships (regardless of amount r; add as many lines as you need by months prior to publication.
Name of Entity		Grant•	on-Financial Support? Other? Co	omments
AtriCure			Not	related to project.
Section 4.	Intellectual Prope	rty Patents & Copyr	ights	
Do you have any	patents, whether plan	ned, pending or issued, l	proadly relevant to the wor	k? ☐ Yes ✓ No

Hunter 2



Section 5. Polotionskips not solvered above
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Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Dr. Hunter reports personal fees from AtriCure, outside the submitted work.

Evaluation and Feedback

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

Braidley 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Peter	2. Surname (Last Name) Braidley	3. Date 28-October-2020
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg
5. Manuscript Title Left ventricular blood flow kinetic energintervention in aortic stenosis.	gy is associated with the si	x-minute walk test and LV remodelling post valvular
6. Manuscript Identifying Number (if you kr	now it)	
		_
Section 2. The Work Under Co	onsideration for Public	cation
	but not limited to grants, da	a third party (government, commercial, private foundation, etc.) for ita monitoring board, study design, manuscript preparation,
<u> </u>		
Section 3. Relevant financial	activities outside the s	submitted work.
of compensation) with entities as descriclicking the "Add +" box. You should re	ibed in the instructions. Us port relationships that wer	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.
Are there any relevant conflicts of intere	est? Yes 🗸 No	
Section 4. Intellectual Proper	ty Patents & Copyric	yhts
Do you have any patents, whether plan	ned, pending or issued, br	oadly relevant to the work? Yes V No

Braidley 2



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Braidley 3



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patent

Hall 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) lan	2. Surname (Last Name) Hall	3. Date 28-October-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg
 Manuscript Title Left ventricular blood flow kinetic ener intervention in aortic stenosis. 	gy is associated with the s	ix-minute walk test and LV remodelling post valvular
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Do you have any patents, whether plar	nned, pending or issued, bi	roadly relevant to the work? Yes V No

Hall 2



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Grech 1



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1. Given Name (Firs	st Name)	2. Surname (Las Grech	st Name)		3. Date 28-October-2020
4. Are you the corre	esponding author?	☐ Yes ✓	No	Corresponding Author's Na Dr Pankaj Garg	ame
5. Manuscript Title Left ventricular bl intervention in ac	lood flow kinetic energ	gy is associated v	with the six	-minute walk test and LV	remodelling post valvular
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Section 2.	The Work Under Co	onsideration f	or Publica	ation	
any aspect of the su statistical analysis, e	ubmitted work (including	but not limited to			ommercial, private foundation, etc.) for lesign, manuscript preparation,
Section 3.	Relevant financial	activities outs	side the su	ubmitted work.	
of compensation) clicking the "Add) with entities as descri	bed in the instru port relationships	uctions. Use	e one line for each entity;	elationships (regardless of amount add as many lines as you need by months prior to publication.
Section 4.	Intellectual Proper	ty Patents &	k Copyrigl	hts	
Do you have any	patents, whether plani	ned, pending or	issued, bro	adly relevant to the work	?

Grech 2



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van der Geest 1



Section 1.	Identifying Inform	ation			
1. Given Name (Fir	rst Name)	2. Surnam van der G	ne (Last Name) Geest		3. Date 28-October-2020
4. Are you the cor	responding author?	Yes	✓ No	Corresponding Author's Na Dr Pankaj Garg	me
5. Manuscript Title Left ventricular b intervention in a	olood flow kinetic energ	gy is associa	ated with the s	x-minute walk test and LV r	remodelling post valvular
6. Manuscript Ider	ntifying Number (if you kn	ow it)			
				_	
Section 2.	The Work Under Co	onsiderat	ion for Publi	cation	
any aspect of the s statistical analysis,	ubmitted work (including	but not limi		a third party (government, co Ita monitoring board, study de	mmercial, private foundation, etc.) for esign, manuscript preparation,
Section 3.	Relevant financial	activities	outside the s	submitted work.	
of compensation clicking the "Add	n) with entities as descri	bed in the port relation	instructions. U	se one line for each entity; a	ationships (regardless of amount add as many lines as you need by nonths prior to publication.
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Do you have any	patents, whether plane	ned, pendir	ng or issued, bi	oadly relevant to the work?	? Yes V No

van der Geest 2



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Gunn 1



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Gunn 2



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Swift 1



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Swift 2



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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"

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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.

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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

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

Wild 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) James	2. Surname (Last Name) Wild	3. Date 28-October-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Dr Pankaj Garg
5. Manuscript Title Left ventricular blood flow kinetic energintervention in aortic stenosis.	gy is associated with the si	x-minute walk test and LV remodelling post valvular
6. Manuscript Identifying Number (if you kr	now it)	
		-
Section 2. The Work Under Co	onsideration for Public	cation
	but not limited to grants, da	a third party (government, commercial, private foundation, etc.) for ta monitoring board, study design, manuscript preparation,
Section 3. Relevant financial	activities outside the s	submitted work.
Place a check in the appropriate boxes i of compensation) with entities as descri	in the table to indicate who ibed in the instructions. Us port relationships that wer	ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by se present during the 36 months prior to publication.
Section 4. Intellectual Proper	rty Patents & Copyrig	yhts
Do you have any patents, whether plan	ned, pending or issued, br	oadly relevant to the work? Yes V No

Wild 2



Section 5. Polationships not solvered above
Relationships not covered above
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3. Relevant financial activities outside the submitted work.

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

Garg 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Pankaj	2. Surname (Last Name) Garg	3. Date 28-October-2020
4. Are you the corresponding author?	✓ Yes No	
 5. Manuscript Title Left ventricular blood flow kinetic energy is associated with the six-minute walk test and LV remodelling post valvular intervention in aortic stenosis. 6. Manuscript Identifying Number (if you know it) 		
Section 2. The Work Under Co	onsideration for Publication	
Did you or your institution at any time receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)? Are there any relevant conflicts of interest? Yes Vo		
Section 3. Relevant financial	activities outside the submitted work.	
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Section 4. Intellectual Proper	ty Patents & Copyrights	
Do you have any patents, whether plan	ned, pending or issued, broadly relevant to the work	? ☐ Yes ✓ No

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Medis Medical Imaging: Clinical advisor Pie Medical Imaging: Clinical advisor		
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Dr. Garg reports 1. Medis Medical Imaging: Clinical advisor 2. Pie Medical Imaging: Clinical advisor roles.		

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