ICMJE DISCLOSURE FORM

Date: 11/26/2025

Your Name: M.A. ter Wee

Manuscript Title: Inducible displacement CT for implant loosening detection: A scoping review on methods, validation, and challenges

Manuscript Number (if known): n.a.

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The author's relationships/activities/interests should be defined broadly. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items, the time frame for disclosure is the past 36 months.

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Time frame: Since the initial planning of the work			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) **No time limit for this item.**	☐ **None**	
		PhD Scholarship	Amsterdam UMC
			Click the tab key to add additional rows.
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	☒ **None**	
3	Royalties or licenses	☒ **None**	

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
4	Consulting fees	☒ **None**	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
11	Stock or stock options	☒ **None**	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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☒ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 11/20/2025

Your Name: JGG Dobbe

Manuscript Title: Inducible displacement CT for implant loosening detection: A scoping review on methods, validation, and challenges

Manuscript Number (if known): n.a.

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ICMJE DISCLOSURE FORM

Date: 11/25/2025

Your Name: Arthur Kievit

Manuscript Title: Inducible displacement CT for implant loosening detection: A scoping review on methods, validation, and challenges

Manuscript Number (if known): n.a.

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		Health Holland – TKI PPP grant	Institution
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7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☐ **None**	
		#WO/2017/105232	Device and Method for Determination of the Moment-induced Movement of a Joint Implant licensed to AtMoves B.V. (Amsterdam)
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

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11	Stock or stock options	☐ **None**	
		AtMoves BV	Personal, 4.9% share
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 11/25/2025

Your Name: Matthias Schafroth

Manuscript Title: Inducible displacement CT for implant loosening detection: A scoping review on methods, validation, and challenges

Manuscript Number (if known): n.a.

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		AtMoves BV	Personal, 4.9% share
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13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 11/20/2025

Your Name: Mario Maas

Manuscript Title: Inducible displacement CT for implant loosening detection: A scoping review on methods, validation, and challenges

Manuscript Number (if known): n.a.

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ICMJE DISCLOSURE FORM

Date: 11/25/2025

Your Name: Leendert Blankevoort

Manuscript Title: Inducible displacement CT for implant loosening detection: A scoping review on methods, validation, and challenges

Manuscript Number (if known): n.a.

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Date: 11/21/2025

Your Name: G.J. Streekstra

Manuscript Title: Inducible displacement CT for implant loosening detection: A scoping review on methods, validation, and challenges

Manuscript Number (if known): n.a.

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