

## Supplementary file S1

### Immersive virtual reality coronary revascularization heart team meeting questionnaire

How often do you participate in coronary revascularization heart team meetings?

1. I never participate in coronary revascularization heart team meetings
2. I participate incidentally (less than once per month) in coronary revascularization heart team meetings
3. I participate sometimes (1-2 times / month) in coronary revascularization heart team meetings
4. I participate often (every week) in coronary revascularization heart team meetings

How many years of experience do you have in participating in coronary revascularization heart team meetings?

1. I have 0-1 years of experience in participating in coronary revascularization heart team meetings
2. I have 1-3 years of experience in participating in coronary revascularization heart team meetings.
3. I have 3-5 years of experience in participating in coronary revascularization heart team meetings.
4. I have >5 years of experience in participating in coronary revascularization heart team meetings.

How often do you use Virtual Reality hardware/software (e.g. virtual reality gaming, virtual reality simulations, virtual reality consoles, etc.)?

1. I have no experience (I never had VR experience until today)
2. I have basic experience (I have had some incidental VR experiences before, e.g. gaming, entertainment, etc.)
3. I am experienced (I use VR consoles and applications on a regular basis).
4. I am an expert (I have a VR console and applications myself).

Do you have any experience in immersive (virtual reality-based) remote meetings?

1. Yes
2. No

## Ease of Use

1. The VR software (MeetinVR) and hardware (VR headset/controllers) are easy to use.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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2. Learning to operate on the hardware and software was easy.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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3. Communicating (verbal and non-verbal) in this virtual reality environment is easy.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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4. Moving around in this virtual reality environment is easy.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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5. Pointing out specific objects (such as coronary lesions) is easy.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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## Usefulness and effectiveness

1. Immersive VR meeting helps me to review imaging modalities (such as coronary angiograms, echocardiograms, X-ray, etc.) effectively.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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2. Immersive VR meeting helps me to provide clinical advice and recommendations in an effective way.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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3. Immersive VR meeting is a useful method for remote multidisciplinary coronary revascularization heart team meeting.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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4. I would recommend immersive VR meeting to other colleagues for remote multidisciplinary meetings.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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### Immersiveness (virtual reality)

1. A virtual reality based multidisciplinary coronary revascularization heart team meeting is reality-like.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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2. When using VR, I felt actively involved in the heart team discussion.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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3. When using VR, I did not feel any external (such as visual, auditory) distractions.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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4. The audio (sounds) and video within the virtual environment were of high quality.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1
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				Strongly Disagree
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5. The methods of interaction within the software feel intuitive.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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## Alternative meeting methods

1. Regarding ease-of-use, **virtual reality** conferencing is a..... way for organizing remote heart team meetings when compared to **tele/video** conferencing.

5 Much Better	4 Somewhat better	3 Similar	2 Somewhat worse	1 Much Worse
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2. Regarding usefulness and effectiveness, **virtual reality** conferencing is a..... way for organizing remote multidisciplinary heart team meetings when compared to **tele/video** conferencing.

5 Much Better	4 Somewhat better	3 Similar	2 Somewhat worse	1 Much Worse
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3. Regarding usefulness and effectiveness, **virtual reality** conferencing is a..... way for organizing remote multidisciplinary heart team meetings when compared to **physical meetings**.

5	4	3	2	1
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Much Better	Somewhat better	Similar	Somewhat worse	Much Worse
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4. Regarding immersiveness (engagement in virtual environment), **virtual reality** conferencing is a..... way for organizing remote multidisciplinary heart team meetings when compared to **tele/video** conferencing.

5 Much Better	4 Somewhat better	3 Similar	2 Somewhat worse	1 Much Worse
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## Attitude towards (future) use

1. VR meetings are a good method for future remote coronary revascularization heart team meetings.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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2. I would like to work with this technology in the future.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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3. I enjoyed using VR for remote multidisciplinary meetings.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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4. In the future, I prefer using virtual reality conferencing methods over **tele/video** conferencing methods.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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5. In the future, I prefer using virtual reality conferencing methods over **physical** conferencing methods.

5 Strongly Agree	4 Agree	3 Neither Or N/A	2 Disagree	1 Strongly Disagree
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**Please provide advantages and disadvantages of immersive VR technology for organizing multidisciplinary meetings (please rank in order of importance (*start with the most important (dis)advantages*))**

Advantages:

1. ....
2. ....
3. ....

Disadvantages:

1. ....
2. ....
3. ....

**Did you feel that there were missing features in this virtual reality environment?**

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**Thank you for your participation**