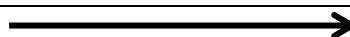


Table S1. TAVI questionnaire.

Effectiveness of a portable video-based patient education tool prior to TAVI

Section A: Demographics (Patient reported)			
1. Research ID			2. Age _____ years old
3. Gender	☐ Male (1)	☐ Female (2)	4. Race ☐ Chinese (1) ☐ Malay (2) ☐ Indian (3) ☐ Eurasian (4) ☐ Others (5)
5. Marital Status	☐ Single (1) ☐ Married (2)	☐ Divorced (3) ☐ Widowed (4)	6. Occupation
			7. ☐
8. Highest education level	☐ Primary (1) ☐ Secondary (2)	☐ ITE (3) ☐ A level (4)	☐ Diploma (5) ☐ Degree (6) ☐ Postgraduate (7)
9. Housing	☐ ≤ 3 room HDB (1) ☐ 4 room HDB (2) ☐ 5 room HDB (3)	☐ HUDC/ Condominium (4) ☐ Landed property (5)	☐ Others (6): _____
10. Household Income (per MONTH)	☐ < \$1,000 (1) ☐ \$4,000 - \$6,000 (4) ☐ > \$10,000 (7)	☐ \$1,000 - \$2,000 (2) ☐ \$6,000 - \$8,000 (5)	☐ \$2,000 - \$4,000 (3) ☐ \$8,000 - \$10,000 (6)
Section B: Pre-procedure information			
11. Did you receive the procedure information sheet?	☐ Received and read (1) ☐ Received but did not read (2)		☐ Did not receive (3)
12. How did you get more information about the procedure? (tick ALL that applies)	☐ From the cardiologist (1) ☐ From the nurses (2) ☐ From the procedure information sheet (4)		☐ From other patients (5) ☐ From other sources (6): please specify _____ ☐ Did not get any information about the procedure (7)

On a scale of 1 (do not understand) to 10 (fully understood)	Do not understand  Fully understand									
13. How much do you understand about this procedure at the moment? (CIRCLE your answer)	1	2	3	4	5	6	7	8	9	10
On a scale of 1 (not anxious) to 10 (very anxious)	Not anxious  Very anxious									
14. How anxious do you feel about this procedure at the moment? (CIRCLE your answer)	1	2	3	4	5	6	7	8	9	10
Section C: Pre-video Knowledge										
15. Aortic stenosis is a condition whereby the aortic valve is leaky.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
16. Chest pain is a typical symptom of aortic stenosis	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
17. Medications alone is useful to treat severe symptomatic aortic stenosis	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
18. TAVI is a minimally invasive procedure used to replace the aortic valve.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
19. The TAVI procedure is usually done through a blood vessel in the legs.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
20. The TAVI procedure can be performed through a blood vessel in the hands.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
21. The TAVI procedure can only be performed under general anaesthesia	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
22. The TAVI procedure will help you feel better.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
23. Pace-maker is a possible complication of TAVI.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
24. Stroke is a possible complication of TAVI.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
Section D: Feedback on the video										
25. I feel more prepared for the procedure after watching the video	☐ Yes (1)					☐ No (2)				
26. I feel less worried about the procedure after watching the video	☐ Yes (1)					☐ No (2)				



On a scale of 1 (do not understand) to 10 (fully understand)	Do not understand Fully understand									
27. How much do you understand about this procedure after watching the video? (CIRCLE your answer)	1	2	3	4	5	6	7	8	9	10
On a scale of 1 (not anxious) to 10 (very anxious)	Not anxious Very anxious 									
28. How anxious do you feel about this procedure after watching the video? (CIRCLE your answer)	1	2	3	4	5	6	7	8	9	10
29. As compared to reading the procedure information sheet/doctor's explanation, which of the following were more understandable to you in the video? (tick ALL that applies)	☐ The purpose of the procedure (1) ☐ The reason you need the procedure (2) ☐ The things that happen during the procedure (3)					☐ The possible complications of the procedure (4) ☐ The video did not increase my understanding (5)				
30. I like the use of the video for patient education.	☐ Yes (1) ☐ No (2). If no, why? _____. How would you like to learn more about the procedure? _____									
31. If you liked the video, why? (tick ALL that applies)	☐ It is engaging (1) ☐ It is lively (2) ☐ It is simple to understand (3) ☐ The narration is clear (4)					☐ The use of pictures and drawings make it easier to understand (5) ☐ The music is soothing (6) ☐ Others (7) (please specify): _____				
32. I feel that the content of the video should be	☐ Left as it is (1)		☐ Include more details (2)		☐ Made simpler (3)					
33. I feel that the length of the video should be	☐ Left as it is (1)		☐ Made longer (2)		☐ Made shorter (3)					
34. I feel that all patients will benefit from watching the video before the procedure	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				
Section D: Post-video Knowledge										
35. Aortic stenosis is a condition whereby the aortic valve is leaky.	☐ Yes (1) ☐ No (2)					☐ Don't know (3)				

36. Chest pain is a typical symptom of aortic stenosis	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
37. Medications alone is useful to treat severe symptomatic aortic stenosis	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
38. TAVI is a minimally invasive procedure used to replace the aortic valve.	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
39. The TAVI procedure is usually done through a blood vessel in the legs.	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
40. The TAVI procedure can be performed through a blood vessel in the hands.	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
41. The TAVI procedure can only be performed under general anaesthesia	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
42. The TAVI procedure will help you feel better.	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
43. Pace-maker is a possible complication of TAVI.	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
44. Stroke is a possible complication of TAVI.	☐ Yes (1) ☐ No (2)	☐ Don't know (3)
Section E: Official Use only		
☐ HR:_____	☐ SBP:_____	☐ DBP:_____
☐ Date:_____	☐ Pre ☐ Post	