

Steps		YES/NO		Weight of step (1-5)	Included in HOST-CHS Holistic Score
1	Preparation of VSD patch				
1	Has the delegate attempted to measure the size and shape of the VSD?	Y	N	2	KNOWLEDGE
2	Has the patch been trimmed to the approximate size of the VSD?	Y	N	3	KNOWLEDGE
2	Suturing VSD patch				
3	Has the suture commenced at the deepest point of the VSD along the ventricular crest?	Y	N	3	FLUENCY
4	Does the suture continue superiorly towards the aortic annulus?	Y	N	3	FLUENCY
5	Does the suture continue around the aortic valve towards the tricuspid valve annulus?	Y	N	4	FLUENCY
6	i) Have any of the sutures caught any of the cusps of the aortic valve?	N	Y	5	RESPECT
7	ii) When the tricuspid annulus is reached is the suture passed through the annulus into the right atrium?	Y	N	2	FLUENCY
8	Has the other end of the suture been continued along the inferior margin of the VSD to the tricuspid valve annulus?	Y	N	3	FLUENCY
9	i) Is the suture away from the conduction tissue avoiding injury?	Y	N	5	RESPECT
10	Has the patch been trimmed along the inferior rim of VSD if required? (i.e. excess patch removed)	Y	N	4	FLUENCY
11	When the chords are reached does the delegate avoid tethering/rupturing the chords?	Y	N	5	RESPECT
12	When the tricuspid annulus is reached is the suture passed through the annulus into the right atrium?	Y	N	2	FLUENCY
13	Has the suture been completed with horizontal mattress sutures?	Y	N	2	
	Suture assessment				
14	i) Are all the sutures evenly spaced from one another WITH a gap of 2-3mm between suture bites?	Y	N	3	FLUENCY
15	ii) Are all the sutures an adequate distance from the tissue edge (2-3mm)?	Y	N	3	FLUENCY
3	Patch Assessment				
16	Is the patch the correct size for the VSD defect?	Y	N	4	KNOWLEDGE
17	Are there any visible holes/tears within the patch?	N	Y	5	RESPECT
18	Have any plication sutures been needed to make the patch smaller?	N	Y	4	RESPECT
19	Would there likely be a residual VSD?	N	Y	5	RESPECT
4	Collateral damage				
20	Has the aortic valve been damaged during the procedure? (i.e. torn)	N	Y	5	RESPECT
21	Have the tricuspid valve leaflets been removed or have been damaged during the repair?	N	Y	5	RESPECT
TOTAL SCORE				77	