

## Echo Laboratory Practice

x = view required to be submitted (all necessary views should be obtained when undertaking the study)

View	Modality	Structures	case 1	case 2	case 3	case 4	case 5	case 6
			Left or right atrium pathology (eg. thrombus, myxoma, PFO etc.)	Mitral VD	Aortic VD	Major aorta disease (eg. dissection, aneurysm, aortic ulcer)	Candidate's Choice 1	Candidate's Choice 2
1. ME 4 chamber	2D	LV – Inferoseptal and lateral walls, LA,RV,RA dimensions, atrial septum, mitral and tricuspid valves	X	X	X	X		
	CFD	Mitral and tricuspid valves	X	X (incl. PISA)	X			
	Spectral Doppler (PWD or CWD)	Mitral and tricuspid blood flow		X				
2. ME 2 Chamber	2D	LV – inferior and anterior walls, mitral valve	X	X				
3. ME Long Axis	2D	LV – anteroseptal and inferolateral walls. Mitral valve esp prolapse, aortic valve	X	X	X	X		
	CFD	MV		X (incl.PISA)				
4. Bicaval view	2D	Superior and inferior vena cavae, RA, atrial septum	X	X	X	X		
	CFD	Atrial septum	X					
	2D	Atrial septum and PFO inc. contrast with release of valsalva	X (optional for PFO exclusion)					
5. ME AV SAX	2D	AV, coronary arteries, LA,RA			X	X		
6. ME RV inflow-outflow	2D	TV,RA, RV, PV,PA		X				
	CFD	TV, PV		X				
7. ME AV LAX	2D	AV, Aortic Root, LVOT. LVOT dimension (where possible)			X	X		
	CFD	AV			X	X		
8. Descending Aorta SAX/LAX	2D	Descending Aorta			X	X		
9. Transgastric Mid Cavity SAX	2D	LV mid cavity wall segments (anterior, anteroseptal, inferoseptal, inferior, inferolateral, lateral) LV mid cavity dimension and wall thickness		X	X			
10. Transgastric LAX	2D	LV anterior and inferior walls, MV papillary muscles and chordae		X				
	CWD (in deep transgastric)	AV blood flow			X			
If pericardial effusion present:	2D / PWD	Size of effusion and TV / MV resp variation						
Other study specific views required:			2D/PWD of LAA if there is thrombus.	2D/PWD of LAA and pulm vein. Tricuspid annulus dimension and TAPSE if feasible	CFD of distal aortic arch if there is AR	CFD of distal aortic arch if there is AR. 2D/CFD of flap entry, exit and flow		

**Please note: Do not forget to add your report**

<b>Authorised media formats:</b>	.avi
	.mpg
	.mpeg
	.wmv
	.jpeg
	.tiff

(.DICOM and .rar are **NOT** valid)

### Recommendations

- > save cases on one single location (computer/USB key...)
- > Name each case in the following format: case#\_videoX, case#\_report (ie. Case1\_videosA, case1\_report etc/)
- > Try and keep videos/images below 5 MB