Peri-op Laboratory Practice

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

View	Modality	Structures	Pre / Post Surgery	Case 1 Normal / uncomplicated CABG	Case 2 Mitral VD	Case 3 Aortic VD	Case 4 Major aorta (dissection)	Case 5 Candidate's Choice 1	Case 6 Candidate's Choice 2
1. ME 4 chamber	2D	LV – Inferoseptal and lateral walls , LV,LA,RV,RA dimensions, atrial septum, mitral and tricuspid valves	Pre surgery	x	x	x	x		
1. ME 4 chamber	2D	LV – Inferoseptal and lateral walls , LV,LA,RV,RA dimensions, atrial septum, mitral and tricuspid valves	Post surgery	x	x	x	x		
1. ME 4 chamber	CFD	Mitral and tricuspid valves	Pre surgery		x				
1. ME 4 chamber	CFD	Mitral and tricuspid valves	Post surgery		x				
1. ME 4 chamber	PWD	Mitral and tricuspid blood flow	Pre surgery	x	x				
2. ME 2 Chamber	2D	LV – inferior and anterior walls, mitral valve	Pre surgery	x		x	x		
2. ME 2 Chamber	2D	LV – inferior and anterior walls, mitral valve	Post surgery	x			x		
3. ME Long Axis	2D	LV – anteroseptal and inferolateral walls. Mitral valve esp prolapse, aortic valve	Pre surgery	x	x	x	x		
3. ME Long Axis	2D	LV – anteroseptal and inferolateral walls. Mitral valve esp prolapse, aortic valve	Post surgery	x	x	x			
3. ME Long Axis	CWD	TV	Pre surgery	x					
4, Bicaval view	2D	Superior and inferior vena cavae, RA, TV, atrial septum	Pre surgery	x	x	x	x		
4, Bicaval view	CWD	TV, PV	Pre surgery						
4, Bicaval view	2D	atrial septum and PFO inc. contrast with release of valsalva	For source of emboli						
5. ME AV SAX	2D	AV, coronary arteries, LA,RA	Pre surgery	x		x			
6.ME RV inflow-outflow	2D	TV,RA, RV, PV,PA	Pre surgery	x					
6.ME RV inflow-outflow	CFD	TV, PV	Pre surgery						
7. ME AV LAX	2D	AV, Aortic Root, LVOT.	Pre surgery	x		x			
7. ME AV LAX	M Mode	LVOT dimension (where possible)	Pre surgery			x			
7. ME AV LAX	CFD	AV	Pre surgery			x			
8. Descending Aorta S/,LAX	2D	Descending Aorta	Pre surgery			x	x		
9. Transgastric Mid Cavity SAX	2D	LV wall segments (mid cavity anterior, anteroseptal, inferosepta, inferior, inferolateral, lateral)	Pre surgery	x		x	x		
9. Transgastric Mid Cavity SAX	M Mode	LV mid cavity dimension wall thickness	Post surgery						
10. Transgastric LAX	2D	LV anterior and inferior walls, MV papillary muscles and chordae	Pre & Post surgery		x				
10. Transgastric LAX (Deep transgastric for CWD)	CWD	AV blood flow	Pre surgery	x		x	x		
10. Transgastric LAX	PWD	LVOT blood flow	Pre surgery	x		x	x		
Study specific views									
Mitral valve	PWD	Pulmonary vein	Pre surgery		x				
	2D	LAA	Pre surgery		x				
Post valve op patients	CFD	Pr / repaired Valves for washing jets	Post surgery		x				
	PWD	Repaired / replaced MV for mean gradient	Post surgery		x				
Post MV op patients	2D	LV functional assessment	Post surgery		x				
Aortic valve	CFD	Distal aortic arch for AR	Pre surgery			x	x		
Aortic dissection	2D / PWD, CFD	Flap, entry and exit and flow	Pre surgery				x		
Pericardial effusion	2D PWD	size of effusion and TV / MV resp variation							
Trcuspid valve	2D / M Mode	Annulus dimension and TAPSE	Pre surgery		x				

Please note: Do not forget to add your report

Authorised media formats:	.avi
	.mpg
	.mepg
	.wmv
	.jpeg
	.bmp
	.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