Table 3. Minimum dataset and additional data comprising the standard adult TEE study. *Table describes the minimum dataset and additional data comprising the standard adult TEE study by view, modality, structure, measurements, and derived calculations. Additional data are annotated with* [**A**]. *Views and measurements not supported unanimously are given in italics.* CFM = color flow mapping; PW = pulsed wave Doppler; CW = continuos wave Doppler; LV = left ventricle; RV = right ventricle; RWMA = regional wall motion abnormalities; LA = left atrium; RA = right atrium; Las = LA in systoile; LVIDd/s left ventricular internal diameter in diastole and systole; LVSd/s left ventricular septal width in diastole and systole; LVPWd/s left ventricular posterior wall width in diastole and systole; ESA = end systolic area; EDA = end diastolic area; FAC = fractional area change; FS = fractional shortening; MV = mitral valve; MR = mitral regurgitation; MS = mitral stenosis; LVOT = left ventricular outflow tract; AR = aortic regurgitation; AS = aortic stenosis; VSD = ventricular septal defect; IVC = inferior vena cava; SVC = superior vena cava; TV = tricuspid valve; TR = tricuspid regurgitation; Vmax, V mean = maximum and mean velocities; VTI = velocity-time integral; Pmax, P mean = maximum and mean pressure gradient; RVOT = right ventricular outflow tract; PV = pulmonary valve; PR = pulmonary regurgitation; PS = pulmonary stenosis; PA = pulmonary artery; PAPs,d = pulmonary artery pressure, systolic/diastolic; AV = aortic valve; LUPV = left upper pulmonary vein; PDA = pervium doctus arteriosum; PHT pressure half-time; DET deceleration time; IVRT = isovolumic relaxation time; RVd right ventricular cavity diameter in diastole; MVA = mitral valve area; IVS = inter-ventricular septum; IAS = interatrial septum; SAX = short axis; Ch = chamber; Sub-AS = subaortic stenosis; CO = cardiac output; SV = stroke volume.*

View	Modality	Structures Assessed	Measure	Calculate
TG-SAX (mid-papillary)	2D	LV cavity size, wall thickness, function, RWMA RV cavity size, wall thickness, function	LV EDA, LV ESA	FAC
	M mode	LV cavity size IVC, Hepatic Veins	LVIDd/s, LVSd/s Respiratory variation	FS IVC distensibility index

TG-SAX (basal)	2D	MV - appearance TV - appearance LV: function, RWMA		
	CFM	MR/TR		
TG-LVOT	2D	LVOT, AV MV sub-valvar apparatus		
	CFM	AR		
	PW	LVOT, AV	VTI [A]	SV, CO, Vmax respiratory variations
	CW	LVOT, AV	Vmax, Vmean, VTI	Pmax, Pmean
TG-RVOT	2D	TV appearance – valve & subvalvar RVOT PV	RVOT dimension PV annulus [A]	
	CFM	TR, PR, RVOT		
	PW	RVOT/PV [A] PR [A]	Vmax Vmax, Pmean	PAPs
	CW	RVOTO/PV [A]	Vmax PRed	Vmean Pmax
Deep TG	2D	LV size, function RV size, function MV sub-valvar apparatus		
	PW	LVOT, AV	VTI, Vmax [A]	SV, CO, Vmax resp variations
	CW	LVOT, AV AR	Vmax, Vmean, VTI	Pmax, Pmean

ME- 4Ch	2D	LV cavity size, wall thickness, function (IVS, lateral wall)		
		RV cavity size and function		
		LA size	Area or volume [**A**]	LA vol index[**A**]
		RA size	Area or volume [**A**]	RA vol index[**A**]
		MV – appearance and function		
		TV – appearance and function		
	CFM	MV inflow, MR	Vena contracta, PISA	Severity MR
		TV inflow, TR		
	PW	LV inflow (MV tips)	E, A DET	E/A ratio
		RV inflow (TV tips)	E, A	IVRT [**A**]
		LUPV drainage	S, D, A, S VTI, D VTI,	S/D ratio, Syst Fraction
	CW	MS	Vmax, Vmean [**A**]	Pmax, Pmean
		MR	LV:LA pressure drop	PHT [**A**] MVA
		TS	Vmax, Vmean [**A**]	Pmax, Pmean
		TR	RV:RA pressure drop	Pmax,, est PAPs
ME-commissural	2D	LV function [**A**]		
		LA dimension	LA size	
		MV appearance, function, annular size		
	CFM	MR		
ME-2Ch	2D	LV function (anterior, inferior wall)		
		LAA		
		MV appearance, function		
ME-LAX	2D	LV function (antero-septum, posterior wall)		
		LVOT, AV – appearance and function	LVOT, annulus, Asc Aorta	
		MV appearance, function		
	CFM	MR	Vmax	Pmax,

		AS/AR Sub-AS	AR width Vmax , VTI	AR:LVOT [**A**]
	PW	LV inflow (MV tips)	E, A, E DET	E/A ratio
RV inflow-outflow	2D	TV, RV, PV		
	CFM	TR, PR./PS, RVOT obstruction		
	PW	RV inflow	E, A	
	CW	TR	RV:RA pressure drop	Pmax,, est PAPs
AV-SAX	2D	AV structure Coronary ostia IAS, PV		
	CFM	AR Coronary flow PR/PS		
	PW	Coronary flow	Vmax	
Bicaval	2D	SVC, IVC, IAS, RAA		
	M-Mode CFM	SVC IAS	Respiratory variations Direction of shunting if PFO/ASD	SVC collapsibility. index Indirect LAP
	PW	RV inflow	E, A	
	CW	TR	RV:RA pressuredrop	Pmax,, est PAPs
UE PA	2D	Main PA, RPA, LPA Ascending Aorta	PA Diameter, Aorta diameter	
	PW	PA Doppler	VTI	CO, SV