

Patient Demographics

Ped Echo Report Verification, Test M.				Study Date: 07/10/2015	
Patient ID: patid1214325		Accession #: 124125421		Alt ID: 46346346	
DOB: 12/12/1966	Age: 48y	Gender: M	Ht: 5'2"	Wt: 150lb	BSA: 1.69 m²
Institution: Test Hospital					
Referring Physician: B					
Physician of Record: C				Performed By: A	
Comments: Test comments					

Pediatric Echo: Study Info

Sys / Dias BP: 120 / 80	MAP: 93	Surgeries:
Arrhythmia: Sinus Bradycardia	<input type="checkbox"/> BSA via weight only	

Indications

<input type="checkbox"/> Murmur Type: Diastolic		
<input checked="" type="checkbox"/> Pain	<input checked="" type="checkbox"/> Dyspnea	<input checked="" type="checkbox"/> IDM
<input checked="" type="checkbox"/> Cardiomegaly	<input checked="" type="checkbox"/> Fever	<input checked="" type="checkbox"/> Mesocardia
<input checked="" type="checkbox"/> Cyanosis	<input checked="" type="checkbox"/> Hemoptysis	<input checked="" type="checkbox"/> Pacemaker
<input checked="" type="checkbox"/> Dextrocardia	<input type="checkbox"/> Hypertension	<input checked="" type="checkbox"/> Syncope

Cong. Heart Def.

<input checked="" type="checkbox"/> ASD	<input checked="" type="checkbox"/> TOF	<input checked="" type="checkbox"/> VSD
<input checked="" type="checkbox"/> PAPVR	<input checked="" type="checkbox"/> PDA	<input checked="" type="checkbox"/> Comp ECD
<input checked="" type="checkbox"/> PS	<input checked="" type="checkbox"/> Part ECD	<input checked="" type="checkbox"/> AS
<input checked="" type="checkbox"/> Comp TGA	<input checked="" type="checkbox"/> COA	<input checked="" type="checkbox"/> Interr Ao Arch

Acquired Heart Disease

Infections: Myocarditis		Cardiomyopathy: Restrictive
<input checked="" type="checkbox"/> MS	<input checked="" type="checkbox"/> MR	<input checked="" type="checkbox"/> AR
<input checked="" type="checkbox"/> AS	<input checked="" type="checkbox"/> MVP	<input checked="" type="checkbox"/> Kawasaki
<input checked="" type="checkbox"/> HIV	<input checked="" type="checkbox"/> Rheum. Fever	

Pediatric Echo: Measurements and Calculations

2D

RVAWd (2D)	1.76 cm	CI (A2C-A/L)	3.6 l/min/m ²	RA Pressure	12 mmHg
RVIDd (2D)	2.01 cm	SI (A2C-A/L)	41.8 ml/m ²	LVed Major - A4C	2.7 cm
IVSd (2D)	1.51 cm	LA A4Cs		LVed Minor - A4C	3.0 cm
		Atrial Volume	15.0 ml		
		Atrial Length	4.05 cm		
		Atrial Area	8.80 cm ²		
LVIDd (2D)	4.67 cm	LA A2Cs		LVes Major - A4C	2.7 cm
		Atrial Volume	19.0 ml		
		Atrial Length	3.84 cm		
		Atrial Area	9.37 cm ²		
LVPWd (2D)	2.60 cm	LA ESV Index (A4C)	8.9 ml/m ²	LVes Minor - A4C	1.5 cm
IVSs (2D)	1.78 cm	LA ESV Index (A2C)	11.2 ml/m ²	RVed Major - A4C	2.6 cm
LVIDs (2D)	2.74 cm	LA ESV (BP)	17.4 ml	RVed Minor - A4C	2.4 cm
LVPWs (2D)	3.06 cm	LA ESV Index (BP)	10.3 ml/m ²	RVes Major - A4C	5.2 cm
HR - LV	86 bpm	LA ESV(A/L)	187.73 ml	RVes Minor - A4C	3.0 cm
EDV (2D-Teich)	101 ml	LA A2C-A/L Length	9.20 cm	LAed Major - A4C	4.4 cm
		Area	36.4 cm ²		
ESV (2D-Teich)	28.0 ml	LA A4C-A/L Length	7.40 cm	LAed Minor - A4C	2.4 cm
		Area	44.9 cm ²		
SV (2D-Teich)	73.0 ml	LVAd Sax Epi	11.9 cm ²	LAes Major - A4C	4.5 cm
FS (2D-Teich)	41.3 %	LVAd Sax Endo	5.86 cm ²	LAes Minor - A4C	2.5 cm
EF (2D-Teich)	72.3 %	LVLd Apical	3.5 cm	RAed Major - A4C	2.9 cm
CO (2D-Teich)	6.28 l/min	LV Mass (A/L)	24.5 g	RAed Minor - A4C	2.2 cm
CI (2D-Teich)	3.72 l/min/m ²	LV Mass Index (A/L)	14.5 g/m ²	RAes Major - A4C	1.9 cm

SI (2D-Teich)	43.2 ml/m ²	RVOT Diam	2.0 cm	RAes Minor - A4C	2.1 cm
IVS % (2D)	17.9 %	PV Annul Diam	3.1 cm	LVed - SAX CH	4.6 cm
LVPW % (2D)	17.7 %	MPA Diam	2.4 cm	LVes - SAX CH	4.4 cm
IVS/LVPW (2D)	0.581	RPA Diam	2.0 cm	LVed - SAX PM	2.8 cm
PDA Diam	2.03 cm	LPA Diam	2.3 cm	LVes - SAX PM	3.3 cm
ASD Major	2.20 cm	RVOT Area	3.14 cm ²	EDV (2D-Cubed)	102 ml
ASD Minor	2.18 cm	MPA Area	4.52 cm ²	ESV (2D-Cubed)	20.6 ml
ASD Diam	2.19 cm	LVOT Diam	2.1 cm	SV (2D-Cubed)	81.4 ml
VSD Major	2.93 cm	AV Annul Diam	2.1 cm	FS (2D-Cubed)	41.3 %
VSD Minor	1.13 cm	AV Area	1.71 cm ²	EF (2D-Cubed)	79.8 %
VSD Diam	1.82 cm	Ao Sinus Diam	2.2 cm	CO (2D-Cubed)	7.00 l/min
A4Cd		AoR Diam (2D)	2.2 cm	CI (2D-Cubed)	4.14 l/min/m ²
LV Vol	89.0 ml				
LV Length	5.78 cm				
LV Area	25.0 cm ²				
A4Cs		Ao ST Jx Diam	3.0 cm	SI (2D-Cubed)	48.2 ml/m ²
LV Vol	46.0 ml				
LV Length	6.10 cm				
LV Area	18.3 cm ²				
A2Cd		Asc Ao Diam	1.5 cm	LVLd (A4C)	5.8 cm
LV Vol	73.0 ml				
LV Length	5.47 cm				
LV Area	21.8 cm ²				
A2Cs		Ao Arch Diam	3.2 cm	LVLs (A4C)	6.1 cm
LV Vol	38.0 ml				
LV Length	5.61 cm				
LV Area	15.7 cm ²				
SV (A4C)	42.4 ml	Ao Isthmus Diam	1.1 cm	LVAd (A4C)	25.00 cm ²
EF (A4C)	47.7 %	Coarctation Diam	2.2 cm	LVAs (A4C)	18.30 cm ²
CO (A4C)	3.6 l/min	Desc Ao Diam	1.9 cm	EDV (A4C)	88.8 ml
CI (A4C)	2.1 l/min/m ²	LVOT Area	3.46 cm ²	ESV (A4C)	46.4 ml
SI (A4C)	25.1 ml/m ²	AoR Area	3.80 cm ²	LVLd (A2C)	5.5 cm
SV (A2C)	34.4 ml	LA/Ao (2D)	0.8	LVLs (A2C)	5.6 cm
EF (A2C)	47.3 %	SVC Diam	2.0 cm	LVAd (A2C)	21.80 cm ²
CO (A2C)	3.0 l/min	IVC Diam	1.7 cm	LVAs (A2C)	15.70 cm ²
CI (A2C)	1.8 l/min/m ²	RA Dimen (2D)	2.8 cm	EDV (A2C)	72.8 ml

SI (A2C)	20.4 ml/m ²	TV Diam	2.8 cm	ESV (A2C)	38.4 ml
EDV (BP)	82.5 ml	TV Area	6.16 cm ²	Ao Arch Dist Diam	2.0 cm
ESV (BP)	43.8 ml	LA Dimen (2D)	1.8 cm	AI Radius	1.1 cm
SV (BP)	38.7 ml	MV Diam	2.0 cm	AI Alias Vel	69.3 cm/s
EF (BP)	46.9 %	MV Area (Planim)	3.60 cm ²	TV Annul Diam	2.8 cm
CO (BP)	3.3 l/min	MV Area	3.60 cm ²	LU PulmV Diam	2.4 cm
CI (BP)	2.0 l/min/m ²	Left Main	2.28 cm	LL PulmV Diam	1.7 cm
SI (BP)	22.9 ml/m ²	LAD	1.92 cm	RU PulmV Diam	3.9 cm
LVd - A4C (A/L)		Cx	2.46 cm	RL PulmV Diam	4.1 cm
Length	9.6 cm				
Area	40.4 cm ²				
LVs - A4C (A/L)		RCA	2.51 cm	MV Major	2.3 cm
Length	9.9 cm				
Area	11.6 cm ²				
EDV (A4C-A/L)	144 ml	PD	3.84 cm	MV Minor	1.2 cm
ESV (A4C-A/L)	11.5 ml	HR - AV	93 bpm	MV Annul Diam	2.3 cm
SV (A4C-A/L)	133 ml	HR - MV	95 bpm	MV Radius	1.5 cm
EF (A4C-A/L)	92.0 %	HR - PV	89 bpm	MV Alias Vel	38.5 cm/s
CO (A4C-A/L)	11.4 l/min	HR - TV	124 bpm	MR Radius	1.5 cm
CI (A4C-A/L)	6.7 l/min/m ²	RA ESV Index (A2C)	124.9 ml/m ²	MR Alias Vel	53.9 cm/s
SI (A4C-A/L)	78.7 ml/m ²	RA ESV Index (A4C)	168.0 ml/m ²	TV Radius	1.5 cm
LVd - A2C (A/L)		RA ESV Index (BP)	140.2 ml/m ²	TV Alias Vel	34.2 cm/s
Length	9.6 cm				
Area	30.4 cm ²				
LVs - A2C (A/L)		RA ESV (BP)	237 ml	TR Radius	0.9 cm
Length	9.3 cm				
Area	11.0 cm ²				
EDV (A2C-A/L)	81.7 ml	RA ESV(A/L)	115.98 ml	TR Alias Vel	84.7 cm/s

ESV (A2C-A/L)	11.0 ml	RA A2C-A/L		MV Annul Area	4.15 cm ²
		Length	8.40 cm		
		Area	29.4 cm ²		
SV (A2C-A/L)	70.7 ml	RA A2Cs		TV Annul Area	6.16 cm ²
		Atrial Area	48.8 cm ²		
		Atrial Volume	211 ml		
EF (A2C-A/L)	86.5 %	RA A4C-A/L		MV Area (Ellipse)	2.17 cm ²
		Length	7.80 cm		
		Area	36.2 cm ²		
CO (A2C-A/L)	6.1 l/min	RA A4Cs			
		Atrial Area	55.1 cm ²		
		Atrial Volume	284 ml		

MMode

RVAWd (MM)	2.57 cm	LV ET	343 ms	Late Dias Slope	12.8 cm/s
RVIDd (MM)	2.12 cm	Mean VCF	1.59 circ/s	A Wave Amp	2.7 cm

IVSd (MM)	1.84 cm	Mean VCFc	1.28 circ/s	B-C Slope	9.4 cm/s
LVIDd (MM)	4.56 cm	MV D-E Exc	3.5 cm	RV ET	309 ms
LVPWd (MM)	2.80 cm	MV D-E Slope	20.7 cm/s	RV PEP/ET	0.57
IVSs (MM)	2.60 cm	MV E-F Slope	8.9 cm/s	RVPEPc	210 ms
LVIDs (MM)	2.07 cm	MV EPSS	2.5 cm	LV Mass (Cubed)	570 g
LVPWs (MM)	3.48 cm	MV E-E Sep	2.3 cm	LV Mass Index(Cubed)	337 g/m ²
EDV (MM-Teich)	95.4 ml	MV A-C Interval	77 ms	RA Dimen (MM)	2.2 cm
ESV (MM-Teich)	13.9 ml	TV D-E Exc	2.8 cm	EDV (MM-Cubed)	94.8 ml
SV (MM-Teich)	81.5 ml	TV D-E Slope	16.0 cm/s	ESV (MM-Cubed)	8.87 ml
FS (MM-Teich)	54.6 %	TV E-F Slope	15.3 cm/s	SV (MM-Cubed)	85.9 ml
EF (MM-Teich)	85.4 %	TV A-C Interval	198 ms	FS (MM-Cubed)	54.6 %
CO (MM-Teich)	7.01 l/min	AoR Diam (MM)	2.6 cm	EF (MM-Cubed)	90.6 %
CI (MM-Teich)	4.15 l/min/m ²	LA Dimen (MM)	1.9 cm	CO (MM-Cubed)	7.39 l/min
SI (MM-Teich)	48.2 ml/m ²	AV Cusp Sep	2.2 cm	CI (MM-Cubed)	4.37 l/min/m ²
IVS % (MM)	41.3 %	LA/Ao (MM)	0.731	SI (MM-Cubed)	50.8 ml/m ²
LVPW % (MM)	24.3 %	LV PEP/ET	0.37	LV PEP	127 ms
IVS/LVPW (MM)	0.657	LVETc	427 ms	RV PEP	177 ms
Wall Stress	6.89 g/cm ²	LVPEPc	164 ms		

Doppler

MV Mean PG	4 mmHg	AI Decel Slope	196 cm/s ²	Med Decel Time	483 ms
MV Decel Time	309 ms	AI End Dias Vel		Time to Lat E`	383 ms
		Vel PG	131 cm/s 7 mmHg		
MVA - P ¹ / ₂ t		AI P ¹ / ₂ t		Time to Lat S	372 ms
Vmax	161 cm/s	P ¹ / ₂ t	238 ms		
P ¹ / ₂ t	216 ms				

IVRT	238 ms	LVSP (AS)	125 mmHg	Lat Accel Time	335 ms
IVCT	304 ms	LVDP (AI)	73 mmHg	Lat Decel Time	1770 ms
Tei Index	1.58	LVOT Max PG		Med IVRT	4010 ms
		Max PG	1 mmHg		
		Vmax	50.2 cm/s		
RU PulmV Sys Vel		AV Max PG		Med IVCT	264 ms
Vel		Max PG	4 mmHg		
PG	135 cm/s	Vmax	103 cm/s		
	7 mmHg				
RU PulmV Dias Vel		ASC Ao Max PG		Lat IVRT	333 ms
Vel		Max PG	3 mmHg		
PG	143 cm/s	Vmax	92.9 cm/s		
	8 mmHg				
RU PulmV A Vel		Desc Ao Max PG		Lat IVCT	285 ms
Vel		Max PG	3 mmHg		
PG	10.7 cm/s	Vmax	83.2 cm/s		
	0 mmHg				
RU PulmV A Dur	457 ms	LVOT Mean PG	2 mmHg	Pulm Sys Vel	
				Vel	172 cm/s
				PG	12 mmHg
RU PulmV S/D	0.9	AV Mean PG	4 mmHg	Pulm Dias Vel	
				Vel	160 cm/s
				PG	10 mmHg
LU PulmV Sys Vel		Asc Ao Mean PG	5 mmHg	Pulm A Vel	
Vel				Vel	117 cm/s
PG	116 cm/s			PG	5 mmHg
	5 mmHg				
LU PulmV Dias Vel		Desc Ao Mean PG	5 mmHg	Pulm A Dur	401 ms
Vel					
PG	74.8 cm/s				
	2 mmHg				
LU PulmV A Vel		AV Max PG (full)	3 mmHg	LVOT Vmax	
Vel				Max PG	6 mmHg
PG	121 cm/s			Vmax	118 cm/s
	6 mmHg				
LU PulmV A Dur	309 ms	AV Mean PG (full)	2 mmHg	MV Decel Slope	206 cm/s ²
		Asc Ao Max PG (full)	2 mmHg	MV Accel Slope	
LU PulmV S/D	1.6			Time	151 cm/s ²
					467 ms

RL PulmV Sys Vel		Asc Ao Mean PG (full)	3 mmHg	MV Vmax Max PG	5 mmHg
Vel	157 cm/s			Vmax	115 cm/s
PG	10 mmHg				
RL PulmV Dias Vel		Desc Ao Max PG (full)	2 mmHg	MV DFP	298 ms
Vel	114 cm/s				
PG	5 mmHg				
RL PulmV A Vel		Desc Ao Mean PG (full)	3 mmHg	MV A Dur	404 ms
Vel	131 cm/s				
PG	7 mmHg				
RL PulmV A Dur	3410 ms	LVOT VTI VTI	57.1 cm	Pulm S/D	1.1
		Vmean	96.2 cm/s		
RL PulmV S/D	1.4	SV (LVOT)	198 ml	MVA (VTI)	3.55 cm ²
LL PulmV Sys Vel		CO (LVOT)	18.4 l/min	MVA (P ¹ / ₂ t)	1.02 cm ²
Vel	134 cm/s				
PG	7 mmHg				
LL PulmV Dias Vel		AV VTI VTI	39.9 cm	MVA (PISA)	4.57 cm ²
Vel	101 cm/s	Vmean	906 cm/s		
PG	4 mmHg				
LL PulmV A Vel		AVA (VTI)	4.95 cm ²	PISA (MR)	14.14 cm ²
Vel	96.9 cm/s				
PG	4 mmHg				
LL PulmV A Dur	3380 ms	PV Accel Slope	268 cm/s ²	SV (MV)	201 ml
		Time	37 ms		
LL PulmV S/D	1.3	PA Accel Time	597 ms	CO (MV)	19.1 l/min
MR Vmax		PI Decel Slope	191 cm/s ²	TV Vmax Max PG	6 mmHg
Max PG	6 mmHg			Vmax	120 cm/s
Vmax	127 cm/s				
MR VTI		PI End Dias Vel		TV VTI VTI	29.9 cm
Mean PG	4 mmHg	Vel	105 cm/s	Vmean	83.1 cm/s
VTI	51.8 cm	PG	4 mmHg		
Vmean	97.8 cm/s				
MV VTI		PI P ¹ / ₂ t		TR VTI Mean PG	4 mmHg
VTI	55.7 cm	Vmax	139 cm/s	VTI	47.7 cm
Vmean	97.2 cm/s	P ¹ / ₂ t	290 ms	Vmean	99.8 cm/s

MR Flow Rate	762.1 ml/s	PAP (AT)	62 mmHg	TV Decel Slope	160 cm/s ²
MR ERO	6.00 cm ²	RVOT VTI		TV Decel Time	182 ms
		VTI	54.5 cm		
		Vmean	140 cm/s		
MR Volume	311 ml	SV (RVOT)	171 ml	TV Accel	
				Slope	201 cm/s ²
				Time	396 ms
MR Fraction	155 %	CO (RVOT)	15.2 l/min	TV P ¹ / ₂ t	
				Vmax	157 cm/s
				P ¹ / ₂ t	244 ms
MV Closure to Opening	489 ms	RVOT Max PG		TV A Dur	478 ms
		Max PG	7 mmHg		
		Vmax	131 cm/s		
LV ET	325 ms	PV Max PG		TVA (PISA)	4.06 cm ²
		Max PG	4 mmHg		
		Vmax	96.6 cm/s		
LV MPI	0.50	MPA Max PG		PISA (TR)	5.09 cm ²
		Max PG	5 mmHg		
		Vmax	116 cm/s		
MV Peak E Vel		RPA Max PG		TR Flow Rate	431.1 ml/s
Vel	119 cm/s	Max PG	6 mmHg		
PG	6 mmHg	Vmax	123 cm/s		
MV Peak A Vel		LPA Max PG		TR ERO	4.15 cm ²
Vel	154 cm/s	Max PG	8 mmHg		
PG	9 mmHg	Vmax	137 cm/s		
MV E/A	0.8	RVOT Mean PG	8 mmHg	TR Volume	198 ml
TR Vmax		PV Mean PG	4 mmHg	TR Fraction	108 %
Max PG	4 mmHg				
Vmax	104 cm/s				
TV Mean PG	3 mmHg	MPA Mean PG	7 mmHg	SV (TV)	184 ml
TV DFP	370 ms	RPA Mean PG	6 mmHg	CO (TV)	22.8 l/min
Hepatic Sys Vel		LPA Mean PG	5 mmHg	LVOT Accel	
Vel	83.2 cm/s			Slope	143 cm/s ²
PG	3 mmHg			Time	327 ms
Hepatic Dias Vel		ASD VTI		AV Accel	
Vel	108 cm/s	Mean PG	3 mmHg	Slope	213 cm/s ²
PG	5 mmHg	Max PG	3 mmHg	Time	378 ms
		VTI	42.9 cm		
		Vmax	93.0 cm/s		
		Vmean	82.8 cm/s		

Hepatic A Vel		VSD Vmax		AI Accel	
Vel	111 cm/s	Max PG	5 mmHg	Slope	210 cm/s ²
PG	5 mmHg	Vmax	116 cm/s	Time	259 ms
Hepatic A Dur	357 ms	PDA Sys Vel		AI Decel Time	338 ms
		Vel	143 cm/s		
		PG	8 mmHg		
Hepatic S/D	0.8	PDA Dias Vel		AV Vmax	
		Vel	112 cm/s	Max PG	4 mmHg
		PG	5 mmHg	Vmax	102 cm/s
IVC Sys Vel		RVSP (VSD)	115 mmHg	AI Vmax	
Vel	130 cm/s			Max PG	7 mmHg
PG	7 mmHg			Vmax	130 cm/s
IVC Dias Vel		Qp/Qs	0.9	AI VTI	
Vel	99.5 cm/s			Mean PG	3 mmHg
PG	4 mmHg			VTI	46.4 cm
				Vmean	87.6 cm/s
IVC A Vel		Med E` Vel	141 cm/s	AVA (Vmax)	4.00 cm ²
Vel	99.5 cm/s				
PG	4 mmHg				
IVC A Dur	465 ms	Lat E` Vel	147 cm/s	PISA (AI)	7.60 cm ²
IVC S/D	1.3	E/E` Medial	0.8	AI Flow Rate	526.7 ml/s
SVC Sys Vel		E/E` Lateral	0.8	AI ERO	4.05 cm ²
Vel	140 cm/s				
PG	8 mmHg				
SVC Dias Vel		Med S Vel	125 cm/s	AI Volume	188 ml
Vel	99.5 cm/s				
PG	4 mmHg				
SVC A Vel		Med A` Vel	144 cm/s	AI Fraction	95 %
Vel	11.1 cm/s				
PG	0 mmHg				
SVC A Dur	362 ms	Lat S Vel	86.9 cm/s	RVOT Vmax	
				Max PG	6 mmHg
				Vmax	126 cm/s
SVC S/D	1.4	Lat A` Vel	123 cm/s	PI Decel Time	254 ms
TV Closure to Opening	639 ms	E`/A` Medial	1.0	RVOT Accel	
				Slope	217 cm/s ²
				Time	269 ms
RV ET	206 ms	E`/A` Lateral	1.2	PV Vmax	
				Max PG	5 mmHg
				Vmax	111 cm/s

RV MPI	2.10	Med E` Area		PV VTI	
		VTI	44.2 cm	VTI	44.2 cm
		Vmax	114 cm/s	Vmean	102 cm/s
		Vmean	94.5 cm/s		
RVSP	16 mmHg	Med A` Area		PVA (Vmax)	3.56 cm ²
		VTI	44.2 cm		
		Vmax	107 cm/s		
		Vmean	90.1 cm/s		
TV Peak E Vel		Lat E` Area		PVA (VTI)	3.87 cm ²
Vel	119 cm/s	VTI	51.4 cm		
PG	6 mmHg	Vmax	124 cm/s		
		Vmean	105 cm/s		
TV Peak A Vel		Lat A` Area		SV (PV)	200 ml
Vel	151 cm/s	VTI	47.7 cm		
PG	9 mmHg	Vmax	117 cm/s		
		Vmean	102 cm/s		
TV E/A	0.8	Time to Med E`	251 ms	CO (PV)	17.8 l/min
LV dP/dt	81 mmHg/s	Time to Med S	314 ms		
AS Vmax		Med Accel	436 ms		
Max PG	5 mmHg	Time			
Vmax	112 cm/s				

Inflow

PDA Diam		ASD Minor	
Dist	2.03 cm	Dist	2.18 cm
ASD Major		ASD Diam	2.19 cm
Dist	2.20 cm		

Outflow

RVAWd (2D)		SI (2D-Teich)	43.2 ml/m ²	ESV (MM-Teich)	13.9 ml
Dist	1.76 cm				
RVIDd (2D)		IVS % (2D)	17.9 %	SV (MM-Teich)	81.5 ml
Dist	2.01 cm				
IVSd (2D)		LVPW % (2D)	17.7 %	FS (MM-Teich)	54.6 %
Dist	1.51 cm				
LVIDd (2D)		IVS/LVPW (2D)	0.581	EF (MM-Teich)	85.4 %
Dist	4.67 cm				
LVPWd (2D)		VSD Major		CO (MM-Teich)	7.01 l/min
Dist	2.60 cm	Dist	2.93 cm		
IVSs (2D)		VSD Minor		CI (MM-Teich)	4.15 l/min/m ²
Dist	1.78 cm	Dist	1.13 cm		

LVIDs (2D)		VSD Diam	1.82 cm	SI (MM-Teich)	48.2 ml/m ²
Dist	2.74 cm				
LVPWs (2D)		RVAWd (MM)	2.57 cm	IVS % (MM)	41.3 %
Dist	3.06 cm				
HR - LV	86 bpm	RVIDd (MM)	2.12 cm	LVPW % (MM)	24.3 %
EDV (2D-Teich)	101 ml	IVSd (MM)	1.84 cm	IVS/LVPW (MM)	0.657
ESV (2D-Teich)	28.0 ml	LVIDd (MM)	4.56 cm	Wall Stress	6.89 g/cm ²
SV (2D-Teich)	73.0 ml	LVPWd (MM)	2.80 cm	LV ET Time	343 ms
FS (2D-Teich)	41.3 %	IVSs (MM)	2.60 cm	Mean VCF	1.59 circ/s
EF (2D-Teich)	72.3 %	LVIDs (MM)	2.07 cm	Mean VCFc	1.28 circ/s
CO (2D-Teich)	6.28 l/min	LVPWs (MM)	3.48 cm	Qp/Qs	0.9
CI (2D-Teich)	3.72 l/min/m ²	EDV (MM-Teich)	95.4 ml		

Right Inflow

SVC Diam		TV Alias Vel	34.2 cm/s	TV Closure to Opening Time	639 ms
Dist	2.0 cm				
IVC Diam		TR Radius		TV Peak A Vel	
Dist	1.7 cm	Dist	0.9 cm	Vel	151 cm/s
				PG	9 mmHg
RA Dimen (2D)		TR Alias Vel	84.7 cm/s	TV E/A	0.8
Dist	2.8 cm				
TV Diam		MV Annul Area	4.15 cm ²	ASD VTI	
Dist	2.8 cm			Mean PG	3 mmHg
				Max PG	3 mmHg
				VTI	42.9 cm
				Vmax	93.0 cm/s
				Vmean	82.8 cm/s
TV Area	6.16 cm ²	TV Annul Area	6.16 cm ²	TV Vmax	
				Max PG	6 mmHg
				Vmax	120 cm/s
HR - TV	124 bpm	TV D-E Exc		TV VTI	
		Dist	2.8 cm	VTI	29.9 cm
				Vmean	83.1 cm/s

RA ESV Index (A2C)	124.9 ml/m ²	TV D-E Slope Slope	16.0 cm/s	TR VTI Mean PG	4 mmHg
				VTI	47.7 cm
				Vmean	99.8 cm/s
RA ESV Index (A4C)	168.0 ml/m ²	TV E-F Slope Slope	15.3 cm/s	TV Decel Slope	160 cm/s ²
RA ESV Index (BP)	140.2 ml/m ²	TV A-C Interval Time	198 ms	TV Decel Time	182 ms
RA ESV (BP)	237 ml	TR Vmax Max PG	4 mmHg	TV Accel Slope	201 cm/s ²
		Vmax	104 cm/s	Time	396 ms
RA ESV(A/L)	115.98 ml	TV Mean PG Mean PG	3 mmHg	TV P ¹ / ₂ t Vmax	157 cm/s
				P ¹ / ₂ t	244 ms
RA A2C-A/L Length	8.40 cm	TV DFP Time	370 ms	TV A Dur Time	478 ms
Area	29.4 cm ²				
RA A2Cs Atrial Length	9.45 cm	IVC Sys Vel Vel	130 cm/s	TVA (PISA)	4.06 cm ²
Atrial Area	48.8 cm ²	PG	7 mmHg		
Atrial Volume	211 ml				
RA A4C-A/L Length	7.80 cm	IVC Dias Vel Vel	99.5 cm/s	PISA (TR)	5.09 cm ²
Area	36.2 cm ²	PG	4 mmHg		
RA A4Cs Atrial Length	9.49 cm	IVC A Vel Vel	99.5 cm/s	TR Flow Rate	431.1 ml/s
Atrial Area	55.1 cm ²	PG	4 mmHg		
Atrial Volume	284 ml				
RA Pressure	12 mmHg	IVC A Dur Time	465 ms	TR ERO	4.15 cm ²
RAed Major - A4C Dist	2.9 cm	IVC S/D	1.3	TR Volume	198 ml
RAed Minor - A4C Dist	2.2 cm	SVC Sys Vel Vel	140 cm/s	TR Fraction	108 %
		PG	8 mmHg		
RAes Major - A4C Dist	1.9 cm	SVC Dias Vel Vel	99.5 cm/s	SV (TV)	184 ml
		PG	4 mmHg		

RAes Minor - A4C		SVC A Vel		CO (TV)	22.8 l/min
Dist	2.1 cm	Vel	11.1 cm/s		
		PG	0 mmHg		
TV Annul Diam		SVC A Dur			
Dist	2.8 cm	Time	362 ms		
TV Radius		SVC S/D	1.4		
Dist	1.5 cm				

Right Outflow

RVOT Diam		RVSP	16 mmHg	MPA Mean PG	
Dist	2.0 cm			Mean PG	7 mmHg
PV Annul Diam		TV Peak E Vel		RPA Mean PG	
Dist	3.1 cm	Vel	119 cm/s	Mean PG	6 mmHg
		PG	6 mmHg		
MPA Diam		PV Accel		LPA Mean PG	
Dist	2.4 cm	Slope	268 cm/s ²	Mean PG	5 mmHg
		Time	37 ms		
RPA Diam		PA Accel Time		RVSP (VSD)	115 mmHg
Dist	2.0 cm	Time	597 ms		
LPA Diam		PI Decel Slope		Pulm Sys Vel	
Dist	2.3 cm	Slope	191 cm/s ²	Vel	172 cm/s
				PG	12 mmHg
RVOT Area	3.14 cm ²	PI End Dias Vel		Pulm Dias Vel	
		Vel		Vel	160 cm/s
		Vel	105 cm/s	PG	10 mmHg
		PG	4 mmHg		
MPA Area	4.52 cm ²	PI P ¹ / ₂ t		Pulm A Vel	
		Vmax	139 cm/s	Vel	117 cm/s
		P ¹ / ₂ t	290 ms	PG	5 mmHg
HR - PV	89 bpm	PAP (AT)	62 mmHg	Pulm A Dur	
				Time	401 ms
LU PulmV Diam		RVOT VTI		Pulm S/D	1.1
Dist	2.4 cm	VTI	54.5 cm		
		Vmean	140 cm/s		
LL PulmV Diam		SV (RVOT)	171 ml	RVOT Vmax	
Dist	1.7 cm			Max PG	6 mmHg
				Vmax	126 cm/s
RU PulmV Diam		CO (RVOT)	15.2 l/min	PI Decel Time	
Dist	3.9 cm			Time	254 ms

RL PulmV Diam		RVOT Max PG Max PG	7 mmHg	RVOT Accel Slope	217 cm/s²
Dist	4.1 cm	Vmax	131 cm/s	Time	269 ms
RV ET Time	309 ms	PV Max PG Max PG	4 mmHg	PV Vmax Max PG	5 mmHg
		Vmax	96.6 cm/s	Vmax	111 cm/s
RV PEP/ET	0.57	MPA Max PG Max PG	5 mmHg	PV VTI VTI	44.2 cm
		Vmax	116 cm/s	Vmean	102 cm/s
RVPEPc	210 ms	RPA Max PG Max PG	6 mmHg	PVA (Vmax)	3.56 cm²
		Vmax	123 cm/s		
RV PEP Time	177 ms	LPA Max PG Max PG	8 mmHg	PVA (VTI)	3.87 cm²
		Vmax	137 cm/s		
RV ET Time	206 ms	RVOT Mean PG Mean PG	8 mmHg	SV (PV)	200 ml
RV MPI	2.10	PV Mean PG Mean PG	4 mmHg	CO (PV)	17.8 l/min

Left Inflow

LA A4Cs Atrial Volume	15.0 ml	MVA - P ^{1/2} t Vmax	161 cm/s	E/E` Lateral	0.8
Atrial Length	4.05 cm	P ^{1/2} t	216 ms		
Atrial Area	8.80 cm²				
LA A2Cs Atrial Volume	19.0 ml	RU PulmV Sys Vel		Med S Vel Vel	125 cm/s
Atrial Length	3.84 cm	Vel	135 cm/s		
Atrial Area	9.37 cm²	PG	7 mmHg		
LA ESV Index (A4C)	8.9 ml/m²	RU PulmV Dias Vel		Med A` Vel Vel	144 cm/s
		Vel	143 cm/s		
		PG	8 mmHg		
LA ESV Index (A2C)	11.2 ml/m²	RU PulmV A Vel		Lat S Vel Vel	86.9 cm/s
		Vel	10.7 cm/s		
		PG	0 mmHg		
LA ESV (BP)	17.4 ml	RU PulmV A Dur		Lat A` Vel Vel	123 cm/s
		Time	457 ms		

LA ESV Index (BP)	10.3 ml/m ²	RU PulmV S/D	0.9	E`/A` Medial	1.0
LA ESV(A/L)	187.73 ml	LU PulmV Sys Vel		E`/A` Lateral	1.2
		Vel	116 cm/s		
		PG	5 mmHg		
LA A2C-A/L		LU PulmV Dias Vel		Med E` Area VTI	44.2 cm
Length	9.20 cm	Vel	74.8 cm/s	Vmax	114 cm/s
Area	36.4 cm ²	PG	2 mmHg	Vmean	94.5 cm/s
LA A4C-A/L		LU PulmV A Vel		Med A` Area VTI	44.2 cm
Length	7.40 cm	Vel	121 cm/s	Vmax	107 cm/s
Area	44.9 cm ²	PG	6 mmHg	Vmean	90.1 cm/s
LA Dimen (2D)		LU PulmV A Dur		Lat E` Area VTI	51.4 cm
Dist	1.8 cm	Time	309 ms	Vmax	124 cm/s
				Vmean	105 cm/s
MV Diam		LU PulmV S/D	1.6	Lat A` Area VTI	47.7 cm
Dist	2.0 cm			Vmax	117 cm/s
				Vmean	102 cm/s
MV Area (Planim)		RL PulmV Sys Vel		Time to Med E`	
Area	3.60 cm ²	Vel	157 cm/s	Time	251 ms
		PG	10 mmHg		
MV Area	3.60 cm ²	RL PulmV Dias Vel		Time to Med S	
		Vel	114 cm/s	Time	314 ms
		PG	5 mmHg		
HR - MV	95 bpm	RL PulmV A Vel		Med Accel Time	
		Vel	131 cm/s	Time	436 ms
		PG	7 mmHg		
LAed Major - A4C		RL PulmV A Dur		Med Decel Time	
Dist	4.4 cm	Time	3410 ms	Time	483 ms
LAed Minor - A4C		RL PulmV S/D	1.4	Time to Lat E`	
Dist	2.4 cm			Time	383 ms

LAes Major - A4C		LL PulmV Sys Vel		Time to Lat S Time	
Dist	4.5 cm	Vel	134 cm/s		372 ms
		PG	7 mmHg		
LAes Minor - A4C		LL PulmV Dias Vel		Lat Accel Time Time	
Dist	2.5 cm	Vel	101 cm/s		335 ms
		PG	4 mmHg		
MV Major		LL PulmV A Vel		Lat Decel Time Time	
Dist	2.3 cm	Vel	96.9 cm/s		1770 ms
		PG	4 mmHg		
MV Minor		LL PulmV A Dur		Med IVRT Time	
Dist	1.2 cm	Time	3380 ms		4010 ms
MV Annul Diam		LL PulmV S/D		Med IVCT Time	
Dist	2.3 cm		1.3		264 ms
MV Radius		MR Vmax		Lat IVRT Time	
Dist	1.5 cm	Max PG	6 mmHg		333 ms
		Vmax	127 cm/s		
MV Alias Vel		MR VTI		Lat IVCT Time	
	38.5 cm/s	Mean PG	4 mmHg		285 ms
		VTI	51.8 cm		
		Vmean	97.8 cm/s		
MR Radius		MV VTI		MV Decel Slope Slope	
Dist	1.5 cm	VTI	55.7 cm		206 cm/s ²
		Vmean	97.2 cm/s		
MR Alias Vel		MR Flow Rate		MV Accel Slope Time	
	53.9 cm/s		762.1 ml/s		151 cm/s ²
					467 ms
MV Area (Ellipse)		MR ERO		MV Vmax	
	2.17 cm ²		6.00 cm ²	Max PG	5 mmHg
				Vmax	115 cm/s
MV D-E Exc		MR Volume		MV DFP Time	
Dist	3.5 cm		311 ml		298 ms
MV D-E Slope		MR Fraction		MV A Dur Time	
Slope	20.7 cm/s		155 %		404 ms
MV E-F Slope		MV Closure to Opening Time		MVA (VTI)	
Slope	8.9 cm/s		489 ms		3.55 cm ²

MV EPSS	2.5 cm	MV Peak E Vel		MVA (P ¹ / ₂ t)	1.02 cm ²
		Vel	119 cm/s		
		PG	6 mmHg		
MV E-E Sep	2.3 cm	MV Peak A Vel		MVA (PISA)	4.57 cm ²
		Vel	154 cm/s		
		PG	9 mmHg		
MV A-C Interval		MV E/A	0.8	PISA (MR)	14.14 cm ²
Time	77 ms				
LA Dimen (MM)	1.9 cm	Med E` Vel		SV (MV)	201 ml
		Vel	141 cm/s		
MV Mean PG		Lat E` Vel		CO (MV)	19.1 l/min
Mean PG	4 mmHg	Vel	147 cm/s		
MV Decel Time		E/E` Medial	0.8		
Time	309 ms				

Left Outflow

A4Cd		Desc Ao Diam		EF (MM-Cubed)	90.6 %
LV Vol	89.0 ml	Dist	1.9 cm		
LV Length	5.78 cm				
LV Area	25.0 cm ²				
A4Cs		LVOT Area	3.46 cm ²	CO (MM-Cubed)	7.39 l/min
LV Vol	46.0 ml				
LV Length	6.10 cm				
LV Area	18.3 cm ²				
A2Cd		AoR Area	3.80 cm ²	CI (MM-Cubed)	4.37 l/min/m ²
LV Vol	73.0 ml				
LV Length	5.47 cm				
LV Area	21.8 cm ²				
A2Cs		HR - AV	93 bpm	SI (MM-Cubed)	50.8 ml/m ²
LV Vol	38.0 ml				
LV Length	5.61 cm				
LV Area	15.7 cm ²				
SV (A4C)	42.4 ml	LVed Major - A4C		LV PEP Time	127 ms
		Dist	2.7 cm		
EF (A4C)	47.7 %	LVed Minor - A4C		IVRT Time	238 ms
		Dist	3.0 cm		

CO (A4C)	3.6 l/min	LVes Major - A4C	IVCT	
		Dist 2.7 cm	Time	304 ms
CI (A4C)	2.1 l/min/m ²	LVes Minor - A4C	Tei Index	1.58
		Dist 1.5 cm		
SI (A4C)	25.1 ml/m ²	RVed Major - A4C	LV ET	
		Dist 2.6 cm	Time	325 ms
SV (A2C)	34.4 ml	RVed Minor - A4C	LV MPI	0.50
		Dist 2.4 cm		
EF (A2C)	47.3 %	RVes Major - A4C	LV dP/dt	81 mmHg/s
		Dist 5.2 cm		
CO (A2C)	3.0 l/min	RVes Minor - A4C	AS Vmax	
		Dist 3.0 cm	Max PG	5 mmHg
CI (A2C)	1.8 l/min/m ²	LVed - SAX CH	Vmax	112 cm/s
		Dist 4.6 cm	AI Decel Slope	
SI (A2C)	20.4 ml/m ²	LVes - SAX CH	Slope	196 cm/s ²
		Dist 4.4 cm	AI End Dias	
			Vel	
			Vel	131 cm/s
			PG	7 mmHg
EDV (BP)	82.5 ml	LVed - SAX PM	AI P ¹ / ₂ t	
		Dist 2.8 cm	P ¹ / ₂ t	238 ms
ESV (BP)	43.8 ml	LVes - SAX PM	LVSP (AS)	125 mmHg
		Dist 3.3 cm		
SV (BP)	38.7 ml	EDV (2D-Cubed)	LVDP (AI)	73 mmHg
		102 ml		
EF (BP)	46.9 %	ESV (2D-Cubed)	LVOT Max PG	
		20.6 ml	Max PG	1 mmHg
			Vmax	50.2 cm/s
CO (BP)	3.3 l/min	SV (2D-Cubed) 81.4 ml	AV Max PG	
			Max PG	4 mmHg
			Vmax	103 cm/s
CI (BP)	2.0 l/min/m ²	FS (2D-Cubed) 41.3 %	ASC Ao Max PG	
			Max PG	3 mmHg
			Vmax	92.9 cm/s

SI (BP)	22.9 ml/m ²	EF (2D-Cubed)	79.8 %	Desc Ao Max PG	
				Max PG	3 mmHg
				Vmax	83.2 cm/s
LVd - A4C (A/L)		CO (2D-Cubed)	7.00 l/min	LVOT Mean PG	
Length	9.6 cm			Mean PG	2 mmHg
Area	40.4 cm ²				
LVs - A4C (A/L)		CI (2D-Cubed)	4.14 l/min/m ²	AV Mean PG	
Length	9.9 cm			Mean PG	4 mmHg
Area	11.6 cm ²				
EDV (A4C-A/L)	144 ml	SI (2D-Cubed)	48.2 ml/m ²	Asc Ao Mean PG	
				Mean PG	5 mmHg
ESV (A4C-A/L)	11.5 ml	LVLd (A4C)	5.8 cm	Desc Ao Mean PG	
				Mean PG	5 mmHg
SV (A4C-A/L)	133 ml	LVLs (A4C)	6.1 cm	AV Max PG (full)	3 mmHg
EF (A4C-A/L)	92.0 %	LVAd (A4C)	25.00 cm ²	AV Mean PG (full)	2 mmHg
CO (A4C-A/L)	11.4 l/min	LVAs (A4C)	18.30 cm ²	Asc Ao Max PG (full)	2 mmHg
CI (A4C-A/L)	6.7 l/min/m ²	EDV (A4C)	88.8 ml	Asc Ao Mean PG (full)	3 mmHg
SI (A4C-A/L)	78.7 ml/m ²	ESV (A4C)	46.4 ml	Desc Ao Max PG (full)	2 mmHg
LVd - A2C (A/L)		LVLd (A2C)	5.5 cm	Desc Ao Mean PG (full)	3 mmHg
Length	9.6 cm				
Area	30.4 cm ²				
LVs - A2C (A/L)		LVLs (A2C)	5.6 cm	LVOT VTI	
Length	9.3 cm			VTI	57.1 cm
Area	11.0 cm ²			Vmean	96.2 cm/s
EDV (A2C-A/L)	81.7 ml	LVAd (A2C)	21.80 cm ²	SV (LVOT)	198 ml
ESV (A2C-A/L)	11.0 ml	LVAs (A2C)	15.70 cm ²	CO (LVOT)	18.4 l/min
SV (A2C-A/L)	70.7 ml	EDV (A2C)	72.8 ml	AV VTI	
				VTI	39.9 cm
				Vmean	906 cm/s
EF (A2C-A/L)	86.5 %	ESV (A2C)	38.4 ml	AVA (VTI)	4.95 cm ²

CO (A2C-A/L)	6.1 l/min	Ao Arch Dist Diam		VSD Vmax Max PG	5 mmHg
		Dist	2.0 cm	Vmax	116 cm/s
CI (A2C-A/L)	3.6 l/min/m ²	AI Radius Dist	1.1 cm	PDA Sys Vel Vel	143 cm/s
				PG	8 mmHg
SI (A2C-A/L)	41.8 ml/m ²	AI Alias Vel	69.3 cm/s	PDA Dias Vel Vel	112 cm/s
				PG	5 mmHg
LVAd Sax Epi Area	11.9 cm ²	AoR Diam (MM)	2.6 cm	LVOT Vmax Max PG	6 mmHg
				Vmax	118 cm/s
LVAd Sax Endo Area	5.86 cm ²	AV Cusp Sep	2.2 cm	LVOT Accel Slope	143 cm/s ²
				Time	327 ms
LVLd Apical Dist	3.5 cm	LV PEP/ET	0.37	AV Accel Slope	213 cm/s ²
				Time	378 ms
LV Mass (A/L)	24.5 g	LVETc	427 ms	AI Accel Slope	210 cm/s ²
				Time	259 ms
LV Mass Index (A/L)	14.5 g/m ²	LVPEPc	164 ms	AI Decel Time	338 ms
LVOT Diam Dist	2.1 cm	Late Dias Slope		AV Vmax Max PG	4 mmHg
		Slope	12.8 cm/s	Vmax	102 cm/s
AV Annul Diam Dist	2.1 cm	A Wave Amp	2.7 cm	AI Vmax Max PG	7 mmHg
				Vmax	130 cm/s
AV Area Area	1.71 cm ²	B-C Slope Slope	9.4 cm/s	AI VTI Mean PG	3 mmHg
				VTI	46.4 cm
				Vmean	87.6 cm/s
Ao Sinus Diam Dist	2.2 cm	LV Mass (Cubed)	570 g	AVA (Vmax)	4.00 cm ²
AoR Diam (2D) Dist	2.2 cm	LV Mass Index(Cubed)	337 g/m ²	PISA (AI)	7.60 cm ²
Ao ST Jx Diam Dist	3.0 cm	RA Dimen (MM)	2.2 cm	AI Flow Rate	526.7 ml/s
Asc Ao Diam Dist	1.5 cm	EDV (MM- Cubed)	94.8 ml	AI ERO	4.05 cm ²

Ao Arch Diam		ESV (MM-Cubed)	8.87 ml	AI Volume	188 ml
Dist	3.2 cm				
Ao Isthmus Diam		SV (MM-Cubed)	85.9 ml	AI Fraction	95 %
Dist	1.1 cm				
Coarctation Diam		FS (MM-Cubed)	54.6 %		
Dist	2.2 cm				

Coronary Arteries

Left Main		Cx		PD	
Dist	2.28 cm	Dist	2.46 cm	Dist	3.84 cm
LAD		RCA			
Dist	1.92 cm	Dist	2.51 cm		

Additional Measurements

LA/Ao (2D)	0.8	Hepatic Dias Vel		Hepatic S/D	0.8
		Vel	108 cm/s		
		PG	5 mmHg		
LA/Ao (MM)	0.731	Hepatic A Vel			
		Vel	111 cm/s		
		PG	5 mmHg		
Hepatic Sys Vel		Hepatic A Dur Time	357 ms		
Vel	83.2 cm/s				
PG	3 mmHg				

Comments

test

Signature

Signature:

Name(Print):

Date: