

Population: Healthy children 1-18 years old free of congenital or acquired cardiac condition (obese and normal weight).

Overview of collected data: demographics, clinical data, echocardiographic measurements.

Status: Data available

Field name	Field description	n	Range of value (categories)	Metadata (continuous)		
				Q1	Median	Q3
Sex	Sex	21249	Males (54%) Females (46%) Unknown/missing (<1%)			
Age	Age at echocardiography (yr)	21249		1.0	4.5	10.4
weight	Weight at echocardiography study (kg)	21247		9.5	17.6	35.2
Height	Height at echocardiography (cm)	21247		74,0	106,0	141,20
Mitral valve diameter	Apical 4-chamber view (in millimeters)	5726		16,5	20,5	24,6
Mitral valve diameter	Parasternal long-axis (in millimeters)	50		26,0	29,0	31,0
Tricuspid valve diameter	Apical 4-chamber (in millimeters)	5690		17,4	21,5	25,3
Tricuspid diameter	Parasternal long axis (in millimeters)	45		27,0	31,0	32,0
View used for LV dimension		21248	2D – long-axis (0%) 2D – short-axis (2%) M-mode – long-axis (92%) M-mode – short-axis (6%)			

Metadata list

Field name	Field description	n	Range of value (categories)	Metadata (continuous)		
				Q1	Median	Q3
			Unknown/unsure/missing (<1%)			
EDIVS	LV end-diastolic septal wall thickness (in millimeters)	20846		3,8	4,7	5,9
EDD	LV end-diastolic diameter (in millimeters)	20910		26,7	34,8	41,4
EDPWT	LV end-diastolic posterior wall thickness (in millimeters)	20844		3,6	4,5	5,8
ESD	LV end-systolic diameter (in millimeters)	20898		16,4	21,7	26,2
EDL	LV end-diastolic length (in millimeters)	0				
EDLepi	LV end-diastolic epicardial length (in millimeters)	0				
ESL	LV end-systolic length (in millimeters)	0				
ESLepi	LV end-systolic length (in millimeters)	0				
Aortic annulus diameter	Long-axis (in millimeters)	20108		10,2	13,5	17,0
Pulmonary annulus	Short-axis (in millimeters)	9390		12,4	16,7	21,3
Sinus of walsalva	(in millimeters)	18404		13,6	17,6	22,3
Aortic sino-tubular junction diameter	(in millimeters)	727		15,0	18,7	21,6

Metadata list

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				Q1	Median	Q3
Ascending aorta diameter	(in millimeters)	14234		12,5	16,1	20,5
Proximal transverse arch diameter	(in millimeters)	735		13,7	16,3	19,5
Distal transverse arc diameter	(in millimeters)	470		11,3	13,5	16,7
Aortic isthmus diameter	(in millimeters)	933		10,7	12,7	14,8
Main pulmonary artery diameter	(in millimeters)	312		14,8	17,7	21,3
Right pulmonary artery	(in millimeters)	8941		7,2	9,7	12,1
Left pulmonary artery diameter	(in millimeters)	8816		7,2	9,7	12,0
Left main coronary artery diameter	(in millimeters)	1251		2,1	2,6	3,2
Left anterior descending CA diameter	(in millimeters)	1119		1,0	2,0	2,1
Left circumflex CA diameter	(in millimeters)	781		1,3	1,6	2,2
Proximal right CA diameter	(in millimeters)	1224		1,7	2,3	2,8

Metadata list

Field name	Field description	n	Range of value (categories)	Metadata (continuous)		
				Q1	Median	Q3
Medial right CA diameter	(in millimeters)	682		1,3	1,7	2,3
Distal right diameter	(in millimeters)	648		1,0	1,0	2,0