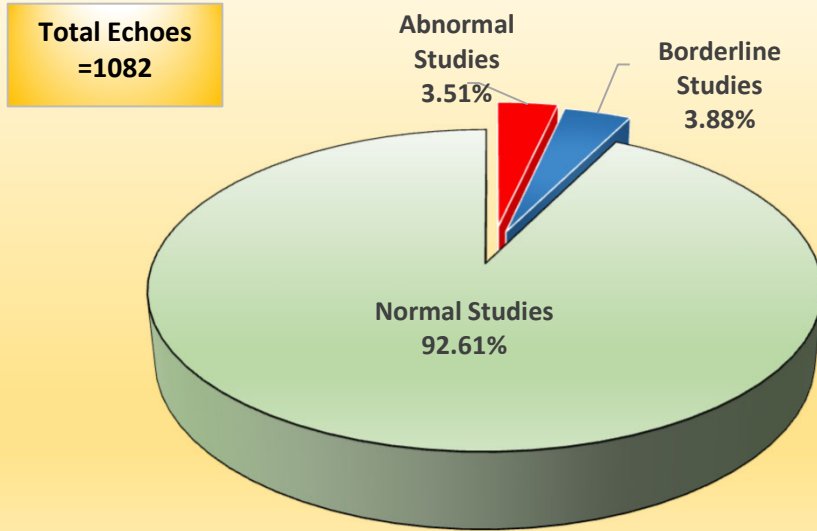


Collegiate Echo Studies 2019

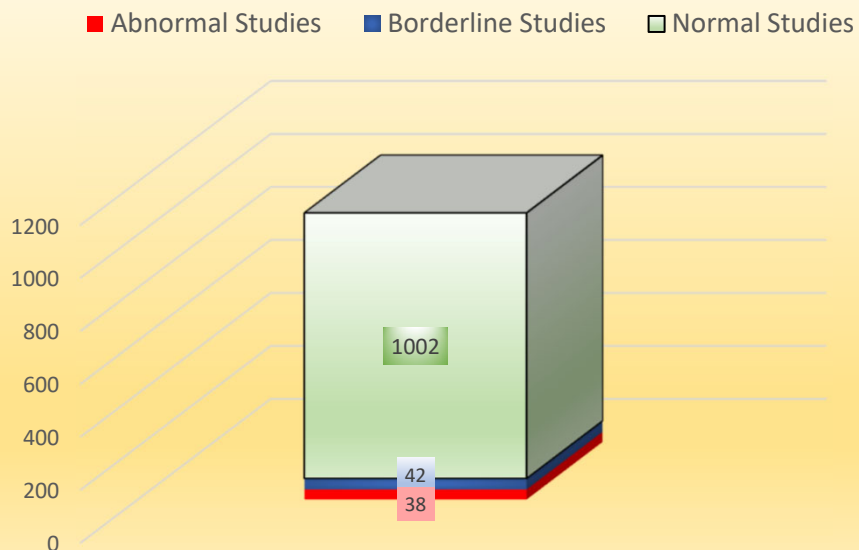
2019 Collegiate Echo Studies	1082	
Abnormal Studies	38	3.5%
Borderline Studies	42	3.9%
Abnormal / Borderline Studies	80	7.4%
Normal Studies	1002	92.6%

Collegiate Echoes by Athletic Heart 2019



All Studies	1082
Normal Studies	1002
Abnormal Studies	38
Borderline Studies	42
Abnormal & Borderline	80

Collegiate Echoes 2019



ABN #	Sport	Patient Sex	FINDINGS
1	Swimming	M	• Abnormal echocardiogram. • Cor triatriatum is seen. There is no gradient in the left atrium.
2	Swimming	F	• Abnormal • There is an atrial septal aneurysm. Small PFO or ASD with left to right shunting.
3	Tennis	F	• Abnormal echocardiogram. ventricular septal defect
4	Soccer	F	Abnormal • Left Atrium chamber is mildly dilated. • There is mild aortic regurgitation.
5	Track	M	Abnormal • There is eccentric LV hypertrophy. • The LV mass is increased to 112.73 g/m2. • Left Atrium moderately dilated
6	Soccer	F	• Abnormal echocardiogram. • Small membranous VSD seen
7	Track	M	• Abnormal • Borderline LV hypertrophy • Concentric LV remodeling • RV systolic pressure borderline elevation 35 mmHg
8	Track	F	• Abnormal echocardiogram • Mild aortic regurgitation unchanged from previous study.
9	Track	F	• Abnormal echocardiogram • LV wall thickness mildly increased. • Mild concentric hypertrophy. • LV mass is increased.
10	Golf	M	• Abnormal echocardiogram • There is mild mitral valve prolapse. • There is mild mitral regurgitation.
11	Track	M	• Abnormal echocardiogram as described. • Moderate Pulmonic regurgitation.
12	Track	F	• Abnormal echocardiogram as described. • There is moderate aortic regurgitation.
13	Swimming	M	• Abnormal echocardiogram as described • slight thickening of LV apical myocardium but not typical of apical cardiomyopathy.
14	Baseball	M	• Abnormal echocardiogram. • Moderate pulmonic insufficiency.
15	Swimming	M	There is a bicuspid aortic valve, no aortic regurgitation. Raphe noted between the left and right cusps (type 1).
16	Soccer	M	• Abnormal echocardiogram as described • LV noncompaction is suspected. • Atrial septal aneurysm. • Coronary sinus is dilated.
17	Football	M	• Abnormal echocardiogram. • Possible patent ductus arteriosus. • Recommend referral to pediatric cardiologist
18	Volleyball	F	• Abnormal echocardiogram as described. • Small, apical, muscular VSD seen mild left to right shunt
19	Soccer	F	• Abnormal echocardiogram as described. • Atrial septal defect. • Probable small PFO vs ASD
20	Gymnastics	F	• Abnormal echocardiogram. • Small ASD seen with left to right shunting.
21	Volleyball	F	• Abnormal echocardiogram as described • Patent ductus arteriosus.
22	Track	M	• LVEF (abnormal): 45-50%. • Mild LV systolic dysfunction.
23	Basketball	M	Increased septal hypertrophy - 16mm. Consider MRI heart to evaluate LV wall thickness. Abnormal diastolic function.
24	Football	M	• Abnormal • Compared to 1 yr ago: chambers more dilated with evidence of RV pressure/volume overload. Aortic regurgitation has worsened. Recommend further evaluation/treatment before athletic participation • LV chamber is moderately dilated. LV systolic function is mildly to moderately reduced. There is a VSD seen mid septum with Lt. to Rt. shunting. LV apex shows abnormal motion. Apical thrombus cannot be ruled out. • RV size is severely dilated. • Left Atrium chamber is moderately to severely dilated. The LA volume index (A-L Biplane) is 69.1 ml/m2.
25	Baseball	M	• Abnormal echo • Aortic valve is structurally normal • Systolic bowing of the mitral valve leaflet, without prolapse. Mild thickening of mitral valve anterior and posterior leaflets.

ABN #	Sport	Patient Sex	FINDINGS
26	Soccer	M	• Abnormal echo • Bicuspid aortic valve • Mild to moderate eccentric aortic regurgitation.
27	Swimming	F	• PFO versus small ASD with normal sized right ventricle. • Possible anomalous origin of the right coronary artery.
28	Football	M	• Abnormal echo • Mild left atrial enlargement • Severe increase in LV mass • Severe concentric LV hypertrophy
29	Soccer	F	• Abnormal echocardiogram. • There is mild concentric left ventricular hypertrophy.
30	Football	M	• Abnormal echocardiogram • There is a linear structure in the abdominal aorta that is likely artifact. May represent a dissection flap. Additional imaging recommended if clinically
31	Football	M	• Abnormal echocardiogram. • There is a Chiari network in the RA.
32	Basketball	F	• Abnormal echocardiogram as described • Mitral valve leaflet excursion is mildly reduced. Mitral valve leaflet is mildly thickened.
33	Rowing	F	• Abnormal echocardiogram as described. • Dilated right ventricle.
34	Soccer	F	• Abnormal echocardiogram. • Mild to moderate aortic regurgitation. • Left Atrium chamber is mildly dilated.
35	Tennis	F	• Abnormal echocardiogram • Mild aortic regurgitation. • There is eccentric LV hypertrophy • The LV mass is borderline.
36	Football	M	• Abnormal echo • Redundant chordae on AMVL and appears to transverse aortic valve. Attachment superior to aortic valve not viewed.
37	Soccer	F	• Abnormal echocardiogram as described. Mild elevation of estimated PA systolic pressure.
B1	Basketball	F	• There is mild to moderate aortic regurgitation. • mild/moderate AI. Recommend repeat TTE in 1 year.
B2	Football	M	Bicuspid aortic valve with moderate aortic regurgitation.
B3	Football	M	• Moderate concentric LV hypertrophy. • Moderate left atrial enlargement.
B4	Rowing	F	There is mild eccentric hypertrophy. The LV mass is borderline.
B5	Basketball	F	The interatrial septum is hypermobile. There is an IAS most compatible with PFO.
B6	Basketball	F	Small ASD vs PFO.
B7	Soccer	F	• Possible PFO/ASD noted; • Mild left atrial enlargement.
B8	Basketball	F	Mild to moderate mitral regurgitation
B9	Basketball	F	Mild to moderate mitral regurgitation
B10	Track	F	There is borderline LV hypertrophy. There is concentric LV remodeling.
B11	Softball	F	There is borderline LV hypertrophy. There is concentric LV remodeling.
B12	Swimming	F	Mitral valve prolapse cannot be ruled out.
B13	Baseball	M	PFO
B14	Track	M	There is an IAS most compatible with PFO.
B15	Softball	F	PFO
B16	Swimming	F	Possible PFO/ASD noted; Left Atrium chamber is mildly dilated.
B17	Track	M	Possible PFO / ASD noted
B18	Football	M	Moderate concentric LV hypertrophy. Left Atrium chamber is mildly to moderately dilated.

ABN #	Sport	Patient Sex	FINDINGS
B19	Football	M	• Mildly dilated right ventricle There is concentric left ventricle remodeling within the reference range.
B20	Football	M	• Mild concentric LV hypertrophy. • Mild to moderate left atrial enlargement.
B21	Football	M	Mild to moderate concentric LV hypertrophy.. • Mild left atrial enlargement. • Small pericardial effusion.
B22	Basketball	M	• Mild concentric LV hypertrophy. • Moderate left atrial enlargement.
B23	Basketball	M	• Mild concentric LV hypertrophy. • Mild to moderate left atrial enlargement.
B24	Swimming	M	• Very mild concentric LV hypertrophy. • Mild to moderate left atrial enlargement.
B25	Football	M	• There is borderline LV hypertrophy. • There is concentric LV remodeling.
B26	Rowing	F	• There is borderline LV hypertrophy, concentric LV remodeling. • Left Atrium chamber is mildly dilated.
B27	Basketball	F	Mitral Valve Prolapse
B28	Track	F	Mild mitral valve prolapse, anterior leaflet
B29	Soccer	F	Possible PFO/ASD noted; Mild bileaflet mitral valve prolapse
B30	Soccer	F	• Mild to moderate left atrial enlargement. • Mild anterior leaflet mitral valve prolapse.
B31	Cheerleading	F	• Mild bileaflet mitral valve prolapse without mitral insufficiency.
B32	Basketball	M	• Mild LVH which may be related to athletes heart or reported clinical history of hypertension.
B33	Swimming	F	Mild concentric LV hypertrophy
B34	Baseball	M	LV wall thickness is mildly increased. There is concentric LV remodeling.
B35	Basketball	M	There is concentric LV remodeling
B36	Football	M	There is borderline LV hypertrophy
B37	Football	M	There is borderline LV hypertrophy. There is concentric LV remodeling.
B38	Baseball	M	There is borderline LV hypertrophy
B39	Baseball	M	There is borderline LV hypertrophy. There is concentric LV remodeling.
B40	Basketball	M	LV chamber is mildly dilated. There is borderline LV hypertrophy.
B41	Football	M	The mitral valve leaflet is mildly thickened
B42	Basketball	F	Mildly enlarged left atrial size