

Marfan Data Codebook

A304: Echocardiography Core Laboratory (Part 3) Aortic Root and Stiffness Measurements by Primary Reader (raw data)

DATE CREATED 13SEP18

Number of Observations: 3043

Number of Variables: 58

Organization of file: Up to Seven Records per Patient

Variable Label (VAR)	Variable Name	Category	N(%)	N(Missing)	Mean(SD)	Median(Q1,Q3)	Range of Values
A1. Random identification number	RANDOM_ID			3043(0)			144508.00-145870.00
VISIT	VISIT	BASELINE	654(21.5)				
		STUDY VISIT 1 (Month 6)	619(20.3)				
		STUDY VISIT 2 (Month 12)	633(20.8)				
		STUDY VISIT 3 (Month 24)	583(19.2)				
		STUDY VISIT 4 (Month 36)	551(18.1)				
		WITHDRAWAL FROM TRIAL	3(0.1)				
A5. Age at central reading	READ_AGE			3021(22)	12.74(6.36)	12.30(7.60,17.20)	0.70-29.30
A6. Acceptable for analysis	ACCEPTABLE	1:Yes	3021(99.3)				
		2:No	22(0.7)				
A7. Image quality	IMGQUAL	Excellent	1043(34.3)				
		Fair	222(7.3)				
		Good	1756(57.7)				
		Skipped	22(0.7)				
B0. Gender	CGENDER	1:Male	1819(59.8)				

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		2:Female	1202(39.5)				
		Skipped	22(0.7)				
B2. Age at echocariogram	AGE_ECHO			3021(22)	12.33(6.35)	11.85(7.19,16.90)	0.52-29.01
B3. Weight (kg)	WT_ECHO			3020(23)	45.05(22.97)	42.50(25.60,61.80)	5.90-185.80
B4. Weight Z-score (SD)	WT_Z			2626(417)	0.36(1.14)	0.45(-0.29,1.08)	-4.92-3.94
B5. Length or Height (cm)	HT_ECHO			3020(23)	156.29(29.73)	163.05(133.95,180.50)	66.90-209.70
B6. Length or Height Z-score (SD)	HT_Z			2626(417)	2.01(1.16)	2.08(1.30,2.80)	-2.17-5.51
B7. Body surface area (m)	BSA			3020(23)	1.37(0.47)	1.38(0.97,1.75)	0.34-3.24
B8. Systolic BP (mm Hg)	SBP_ECHO			3005(38)	94.42(12.77)	93.00(85.00,102.00)	60.00-149.00
B9. Diastolic BP (mm Hg)	DBP_ECHO			3005(38)	55.26(8.62)	55.00(50.00,60.00)	22.00-104.00
B10. Mean BP (mm Hg)	MBP_ECHO			2971(72)	68.28(9.93)	68.00(61.00,75.00)	41.00-112.00
B11. Heart rate (beats/minute)	HR_ECHO			2993(50)	72.29(16.56)	70.00(61.00,81.00)	38.00-190.00
D1a1. AV annulus min measurement #1 (cm)	CAVAMIN1			2958(85)	1.84(0.37)	1.83(1.57,2.10)	0.84-3.17
D1a2. AV annulus max measurement #1 (cm)	CAVAMAX1			2963(80)	2.03(0.40)	2.02(1.73,2.32)	0.92-3.47

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D1b1. AV annulus min measurement #2 (cm)	CAVAMIN2			2883(160)	1.83(0.36)	1.83(1.55,2.09)	0.83-3.33
D1b2. AV annulus max measurement #2 (cm)	CAVAMAX2			2911(132)	2.03(0.40)	2.01(1.73,2.32)	0.93-3.70
D1c1. AV annulus min measurement #3 (cm)	CAVAMIN3			2754(289)	1.82(0.36)	1.82(1.55,2.08)	0.75-3.22
D1c2. AV annulus max measurement #3 (cm)	CAVAMAX3			2787(256)	2.02(0.40)	2.01(1.71,2.31)	0.92-3.42
D1d1. AV annulus min average of measurements 1-3 (cm)	CAVAMINAV			2959(84)	1.83(0.36)	1.83(1.56,2.09)	0.83-3.24
D1d2. AV annulus max average of measurements 1-3 (cm)	CAVAMAXAV			2964(79)	2.03(0.39)	2.02(1.73,2.31)	0.92-3.50
D1e1. AV annulus max Z-score (SD)	CAVAZ			3043(0)	-0.44(12.44)	1.25(0.49,2.14)	-88.00-8.09
D2a1. Ao valsalva min measurement #1 (cm)	CASVMIN1			2981(62)	3.20(0.68)	3.24(2.66,3.71)	1.46-5.84
D2a2. Ao valsalva max measurement #1 (cm)	CASVMAX1			3017(26)	3.42(0.69)	3.47(2.87,3.95)	1.60-6.38
D2b1. Ao valsalva min measurement #2 (cm)	CASVMIN2			2907(136)	3.19(0.68)	3.24(2.64,3.70)	1.43-5.89

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D2b2. Ao valsalsa max measurement #2 (cm)	CASVMAX2			2986(57)	3.42(0.69)	3.46(2.86,3.94)	1.57-6.17
D2c1. Ao valsalsa min measurement #3 (cm)	CASVMIN3			2776(267)	3.19(0.68)	3.21(2.64,3.70)	1.36-5.94
D2c2. Ao valsalsa max measurement #3 (cm)	CASVMAX3			2880(163)	3.41(0.69)	3.45(2.85,3.94)	1.52-6.25
D2d1. Ao valsalsa min average of measurements 1-3 (cm)	CASVMINAV			2982(61)	3.20(0.67)	3.24(2.65,3.71)	1.43-5.89
D2d2. Ao valsalsa max average of measurements 1-3 (cm)	CASVMAXAV			3018(25)	3.42(0.69)	3.48(2.87,3.95)	1.56-6.27
D2e1. Ao valsalsa max Z-score (SD)	CASVZ			3043(0)	3.75(4.22)	3.82(3.13,4.71)	-88.00-15.70
D3a1. Ao sinotubular jct min measurement #1 (cm)	CSTJCTMIN1			2464(579)	2.21(0.52)	2.18(1.81,2.56)	0.98-4.44
D3a2. Ao sinotubular jct max measurement #1 (cm)	CSTJCTMAX1			2771(272)	2.46(0.53)	2.45(2.05,2.84)	1.06-4.50
D3b1. Ao sinotubular jct min measurement #2 (cm)	CSTJCTMIN2			2164(879)	2.18(0.51)	2.17(1.79,2.54)	0.92-4.01
D3b2. Ao sinotubular jct max measurement #2 (cm)	CSTJCTMAX2			2592(451)	2.44(0.53)	2.42(2.02,2.80)	1.01-4.47

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D3c1. Ao sinotubular jct min measurement #3 (cm)	CSTJCTMIN3			1923(1120)	2.15(0.50)	2.12(1.75,2.51)	1.01-3.99
D3c2. Ao sinotubular jct max measurement #3 (cm)	CSTJCTMAX3			2335(708)	2.41(0.53)	2.38(2.01,2.78)	1.14-4.77
D3d1. Ao sinotubular jct min average of measurements 1-3 (cm)	CSTJCTMINAV			2464(579)	2.20(0.51)	2.18(1.80,2.56)	0.97-4.44
D3d2. Ao sinotubular jct max average of measurements 1-3 (cm)	CSTJCTMAXAV			2771(272)	2.46(0.53)	2.44(2.04,2.83)	1.04-4.55
D3e1. Ao sinotubular jct max Z-score (SD)	CSTJCTZ			3043(0)	-5.70(24.80)	1.59(0.69,2.50)	-88.00-12.85
D4a1. Ascending aorta min measurement #1 (cm)	CAAOMIN1			2416(627)	2.05(0.42)	2.03(1.74,2.33)	1.03-4.56
D4a2. Ascending aorta max measurement #1 (cm)	CAAOMAX1			2688(355)	2.32(0.46)	2.31(2.00,2.61)	1.15-5.55
D4b1. Ascending aorta min measurement #2 (cm)	CAAOMIN2			2186(857)	2.02(0.42)	2.01(1.71,2.30)	1.03-4.66
D4b2. Ascending aorta max measurement #2 (cm)	CAAOMAX2			2474(569)	2.30(0.45)	2.29(1.98,2.59)	1.11-5.34
D4c1. Ascending aorta min measurement #3 (cm)	CAAOMIN3			1981(1062)	2.00(0.41)	1.98(1.70,2.27)	0.98-4.96

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D4c2. Ascending aorta max measurement #3 (cm)	CAAOMAX3			2215(828)	2.28(0.44)	2.27(1.96,2.57)	1.12-5.67
D4d1. Ascending aorta min average of measurements 1-3 (cm)	CAAOMINAV			2417(626)	2.04(0.42)	2.02(1.74,2.32)	1.04-4.73
D4d2. Ascending aorta max average of measurements 1-3 (cm)	CAAOMAXAV			2688(355)	2.32(0.45)	2.31(2.00,2.60)	1.14-5.52
D4e1. Ascending aorta max Z-score (SD)	CAAOZ			3043(0)	-9.14(27.78)	0.54(-0.11,1.14)	-88.00-9.51
D7a. Ascend ao elastic modulus (kPa)	CAAOELAS			2405(638)	48.22(30.21)	40.70(29.90,56.10)	10.70-389.50
D7b. Ascend ao stiffness index	CAAOSTIFF			2405(638)	4.98(3.00)	4.24(3.22,5.82)	1.11-36.51
D8a. Ao root elastic modulus (kPa)	CAORELAS			2965(78)	96.17(68.89)	76.70(51.80,117.00)	13.50-864.80
D8b. Ao root stiffness index	CAORSTIFF			2965(78)	9.80(6.63)	8.04(5.51,11.91)	1.39-83.43
<from amfs_echo_id> Purpose of Echo	ECHOPURP	Regular echo read	2897(95.2)				
		Repeat QC echo read	146(4.8)				

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Form Version	VER_ID	A	3043(100.0)				