

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

Section A: KEY IDENTIFYING INFORMATION

A1. Echocardiogram Identification Number _____ - _____ - _____ - _____ - _____ - _____ - _____ - _____

A2. Date of echocardiogram _____ / _____ / _____
M M D D Y Y Y Y

A3. Reader Identification Number _____

A4. Core Lab echocardiogram Accession Identifier _____

A5. Date of central reading _____ / _____ / _____
M M D D Y Y Y Y

A6. Acceptable for analysis YES 1 (A7) NO 2

a. Reason not acceptable _____

STOP
FORM COMPLETE

A7. Image quality EXCELLENT 1 (B0)

GOOD 2 (B0)

FAIR 3

a. Reason for Fair rating _____

Section B: CLINICAL ASSESSMENT AT ECHOCARDIOGRAM

B0. Gender MALE 1

FEMALE 2

B1. Date of birth (MM/DD/YYYY) _____ / _____ / _____

B2. Age (years) _____ . _____

B3. Weight _____ . _____ kg

B4. Weight Z-score _____ . _____ SD

B5. Length or Height _____ . _____ cm

B6. Length or Height Z-score _____ . _____ SD

B7. Body surface area _____ . _____ m²

B8. Systolic BP _____ mm Hg

B9. Diastolic BP _____ mm Hg

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B10. Mean BP _____ mm Hg

B11. Heart rate _____ beats/minute

Section D: AORTIC ROOT 2D DIMENSIONS
(To be completed by Dr. Seda Tierney)

	Minimum dimension	Maximum dimension
D1. Aortic valve annulus		
Measurement #1	a1. ____ . ____ ____ cm	a2. ____ . ____ ____ cm
Measurement #2	b1. ____ . ____ ____ cm	b2. ____ . ____ ____ cm
Measurement #3	c1. ____ . ____ ____ cm	c2. ____ . ____ ____ cm
Average of measurements 1-3	d1. ____ . ____ ____ ____ cm	d2. ____ . ____ ____ ____ cm
Z-score		e1. ____ ____ ____ . ____ ____ SD
D2. Aortic sinus of Valsalva		
Measurement #1	a1. ____ . ____ ____ cm	a2. ____ . ____ ____ cm
Measurement #2	b1. ____ . ____ ____ cm	b2. ____ . ____ ____ cm
Measurement #3	c1. ____ . ____ ____ cm	c2. ____ . ____ ____ cm
Average of measurements 1-3	d1. ____ . ____ ____ ____ cm	d2. ____ . ____ ____ ____ cm
Z-score		e1. ____ ____ ____ . ____ ____ SD
D3. Aortic sinotubular junction		
Measurement #1	a1. ____ . ____ ____ cm	a2. ____ . ____ ____ cm
Measurement #2	b1. ____ . ____ ____ cm	b2. ____ . ____ ____ cm
Measurement #3	c1. ____ . ____ ____ cm	c2. ____ . ____ ____ cm
Average of measurements 1-3	d1. ____ . ____ ____ ____ cm	d2. ____ . ____ ____ ____ cm
Z-score		e1. ____ ____ ____ . ____ ____ SD
D4. Ascending aorta		
Measurement #1	a1. ____ . ____ ____ cm	a2. ____ . ____ ____ cm
Measurement #2	b1. ____ . ____ ____ cm	b2. ____ . ____ ____ cm
Measurement #3	c1. ____ . ____ ____ cm	c2. ____ . ____ ____ cm
Average of measurements 1-3	d1. ____ . ____ ____ ____ cm	d2. ____ . ____ ____ ____ cm
Z-score		e1. ____ ____ ____ . ____ ____ SD
D7. Ascending aortic stiffness indices		
a. Elastic modulus	____ . ____ ____ kPa	
b. Stiffness index	____ ____ . ____ ____	

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D8. Aortic root stiffness indices

a. Elastic modulus

____ ____ ____ ____ . ____ kPa

b. Stiffness index

____ ____ . ____ ____