



SPIROMICS-HF ECHO COMPLETION FORM

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FORM CODE: ECH
VERSION: 2.0 08/07/2020

Event: _____

0a) Date of Collection: / /

0b) Staff Code:

Instructions: This form should be completed during the participant's SPIROMICS-HF study visit before, during, and after the echo testing.

Baseline Assessment (to be completed prior to echo)

Save and reload the form to display participant height and weight in CDART.

1) Height (from ANT form): . cm

2) Weight (from ANT form): . kg

3) Oxygen saturation: %

4) Heart rate: bpm

5) Omron Blood Pressure

5a) Systolic blood pressure: mm Hg

5b) Diastolic blood pressure: mm Hg

6) Manual Blood Pressure

6a) Systolic blood pressure: mm Hg

6b) Diastolic blood pressure: mm Hg

7) EKG Heart Rhythm (approximate based upon echo leads):

Normal Sinus Rhythm₁

Atrial-fibrillation₂

Other₃

7a) Does the participant have an artificial cardiac pacemaker?

No₀

Yes₁

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8) Should supplemental oxygen be used during echocardiogram?

No₀ → **Go to 9**

Yes₁

8a) How many liters of oxygen should be used? . liters

Baseline Echo Findings

9) Were all required baseline echo views obtained?

No₀

Yes₁ → **Go to 10**

9a) If No, why were all required baseline echo views not obtained?

Participant refused₁

Echo terminated early₂

Technical problems₃

10) Was an urgent alert suspected?

No₀ → **Go to 11**

Yes₁

10a) What was the urgent alert?

Suspected tamponade₁

Aortic aneurysm or dissection₂

Abscess or obvious vegetation₃

Thrombus or mass₄

Pseudoaneurysm₅

Significant arrhythmia₆

10b) Comments to reviewer about alert: _____

11) Was a non-urgent alert suspected?

No₀ → **Go to 12**

Yes₁

11a) What was the non-urgent alert?

Moderate or greater valvular stenosis₁

Moderate or greater AI or MR₂

Severe TR or PI₃

Severe LV or RV enlargement₄

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- Moderate or greater LVOT obstruction⁵
- Significant pulmonary hypertension⁶
- Low EF or WMA⁷
- Moderate or greater pericardial effusion⁸
- New atrial fibrillation⁹

11b) Comments to reviewer about alert: _____

Exercise Echo Assessment (to be completed prior to exercise echo)

12) Were there any suspected alerts during the baseline echo assessment?

- No₀
- Yes₁ → **DO NOT PROCEED WITH EXERCISE ECHO ASSESSMENT; Go to 24**

13) Were there any cardiovascular events (MI, unstable angina, or HF exacerbation) or stable angina in the last 3 months?

- No₀
- Yes₁ → **DO NOT PROCEED WITH EXERCISE ECHO ASSESSMENT; Go to 24**

14) Is the participant physically able to perform the bicycle exercise?

- No₀ → **DO NOT PROCEED WITH EXERCISE ECHO ASSESSMENT; Go to 24**
- Yes₁

15) Is the participant's O₂ saturation > 88% at rest? (supplemental oxygen use allowed)

- No₀ → **DO NOT PROCEED WITH EXERCISE ECHO ASSESSMENT; Go to 24**
- Yes₁

16) Is the participant willing to do the exercise echo assessment?

- No₀ → **DO NOT PROCEED WITH EXERCISE ECHO ASSESSMENT; Go to 24**
- Yes₁

20 Watt Exercise Echo Assessment (record after 3 minutes of exercise)

17a) Manual 20 W systolic blood pressure: mm Hg

17b) Manual 20 W diastolic blood pressure: mm Hg

17c) 20 W heart rate: bpm

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17d) 20 W oxygen saturation: %

17e) 20 W supplemental oxygen used?

- No₀ → **Go to 18**
- Yes₁

17e1) How many liters of oxygen? . liters

40 Watt Exercise Echo Assessment (record after 3 minutes of exercise)

18a) Manual 40 W systolic blood pressure: mm Hg

18b) Manual 40 W diastolic blood pressure: mm Hg

18c) 40 W heart rate: bpm

18d) 40 W oxygen saturation: %

18e) 40 W supplemental oxygen used?

- No₀ → **Go to 19**
- Yes₁

18e1) How many liters of oxygen? . liters

19) Total exercise time: 19a) minutes 19b) seconds

20) Peak wattage achieved: Watts

Recovery Assessment (record 5 minutes after exercise completion)

21a) Manual recovery systolic blood pressure: mm Hg

21b) Manual recovery diastolic blood pressure: mm Hg

21c) Recovery heart rate: bpm

21d) Recovery oxygen saturation: %

21e) Supplemental oxygen used during recovery?

- No₀ → **Go to 22**
- Yes₁

21e1) How many liters of oxygen? . liters

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Exercise Echo Findings

22) Were all required exercise echo views obtained?

- No₀
- Yes₁ → **Go to 23**

22a) If No, why were all required exercise echo views not obtained?

- Participant refused₁
- Echo terminated early₂
- Technical problems₃

23) Was a non-urgent alert suspected? (There are no urgent alerts for the exercise portion.)

- No₀ → **Go to 24**
- Yes₁

23a) What generated the non-urgent alert?

- New atrial fibrillation during the exercise test₁
- New WMA with exercise₂
- RSVP >70mmHg during exercise₃

23b) Comments to reviewer about alert: _____

24) Echo Sonographer: _____

24a) Echo Sonographer Acknowledgement Date: / /

END OF FORM