

Protocol ID: _____

Study Name: _____

Site: _____

Event Name: _____

Event Date: _____

Study Subject ID: _____

Interviewer Name: _____

Interview Date: _____

BLSA Muscle Biopsy - Ver. 1.0**Section Title: Muscle Biopsy****Instructions:**

Date Completed

☐ Blank

Tester ID

Muscle Biopsy consent reviewed: ☐ Yes ☐ No[Click to deselect entry](#)

Eligibility criteria reviewed:

☐ Yes ☐ No[Click to deselect entry](#)**Pre-Procedure Vital Signs**

Body Temperature: (F)

Pulse: (beat/min)

Respirations: (breaths/min)

Systolic: (mmHg)

Diastolic: (mmHg)

Brief History and Physical
performed by MD/NP: ☐ Yes ☐ No[Click to deselect entry](#)**Procedure Times**

Anesthesia start time: (am)

First biopsy needle inserted: (am)

Leg pressure - Start (am)

Leg pressure - Stop (am)

Total amount of anesthesia given: (cc)

Incision closed ☐ Steri Strips ☐ Self Absorbing Sutures [Click to deselect entry](#)

Biopsy Tester ID

Biopsy performed: ☐ Yes ☐ No [Click to deselect entry](#) [Comment](#)

Dressing applied: ☐ Yes ☐ No [Click to deselect entry](#) [Comment](#)

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Section Title: Post Procedure**Instructions:****Vital Signs post procedure**

Pulse: _____ (beat/min)

Respirations: _____ (breaths/min)

Blood Pressure: Systolic _____ (mmHg)

Diastolic: _____ (mmHg)

Post Procedure instructions reviewed: ☐ Yes ☐ No [Click to deselect entry](#)**Tissue sent to NIA CORE LAB**

Pass 1 _____ (mg)

Pass 2 _____ (mg)

Pass 3 _____ (mg)

Total _____ (mg)

Container with BIOPS Buffer; <10 mgOroboros respirometry ☐ Sample Collected ☐ Quantity not sufficient Sample Weight _____ (mg)Cardiolipin ☐ Sample Collected ☐ Quantity not sufficient Sample Weight _____ (mg)**Tube with 2.5% Paraformaldehyde + 3% Glutaraldehyde; < 10 mg**

Electron Microscopy ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

Cryotube with flash frozen muscle; > 20 mg

2D-PAGE & Complex I activity ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

Cryotube with flash frozen muscle; 20 mg

Cardiolipin ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

Cryotube with flash frozen muscle; if possible, 3 tubes with one 3-5mm sample per tube

Confocal sample 1 ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

Confocal sample 2 ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

Confocal sample 3 ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

Total Weight (mg)

Samples 1 2 & 3

Cryotube with flash frozen muscle; > 20 mg

RNA, microarray, mtDNA:nDNA ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

Cryotube with flash frozen adipose tissue

SubQ ☐ Sample Collected ☐ Quantity not sufficient Sample Weight (mg)

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Section Title: Muscle Biopsy

Instructions: