

Protocol ID: \_\_\_\_\_  
Study Name: \_\_\_\_\_  
Site: \_\_\_\_\_  
Event Name: \_\_\_\_\_  
Event Date: \_\_\_\_\_

Study Subject ID: \_\_\_\_\_  
Interviewer Name: \_\_\_\_\_  
Interview Date: \_\_\_\_\_

## BLSA EMG - Ver. 1.0

### Section Title: EMG

#### Instructions:

Date Completed

☐ Blank

Tester ID

#### PATIENT INSTRUCTIONS:

"This test measures how well a sensation travels down a big nerve in your leg. To do this, I will place small electrodes on your foot. Then I will use this tool (show stimulator) to stimulate your nerve. This test may feel uncomfortable for just a moment, like when you bump your 'funny bone'. Your foot or leg may twitch during the test. If you want to stop the test at anytime, just say so."

"Before I begin, I will need to check the temperature of your foot. If it isn't warm enough we'll warm it in a heating pad."

#### INSTRUCTIONS

Record the surface temperature of the dorsum of the right foot. If the right foot cannot be tested, record the temperature of the left foot. Warm the limb to at least 32 degrees celcius, if the initial temperature of each study is below that level.

Foot temperature for peroneal:

At start of peroneal study: (°C) If after 5 minutes of warming, the foot does not reach 32°C, record the temperature and proceed with testing

Following heating: (°C)

Which leg was tested? ☐ Right ☐ Left Click to deselect entry

Why wasn't right leg tested? ☐ Amputation Other  
☐ Ulcer  
☐ Trauma or surgery (including knee replacement)  
☐ Other - explain

Foot temperature for sural:

Start of sural study: (°C)

Following heating: (°C)

At end of tests: (°C)

Test Completion Status

**Peroneal**

Distal

- ☐ Yes  
☐ No response  
☐ Physical problems  
☐ Mental problems  
☐ Physical and mental problems  
☐ Refused  
☐ Technical problems (no time)  
☐ Other

Amplitude

(mV)

Latency

(ms)

Fibular Head

- ☐ Yes  
☐ No response  
☐ Physical problems  
☐ Mental problems  
☐ Physical and mental problems  
☐ Refused  
☐ Technical problems (no time)  
☐ Other

Amplitude

(mV)

Latency

(ms)

Conduction Velocity

(ms)

Popliteal Fossa

- ☐ Yes  
☐ No response  
☐ Physical problems  
☐ Mental problems  
☐ Physical and mental problems  
☐ Refused  
☐ Technical problems (no time)  
☐ Other

Amplitude

(mV)

Latency

(ms)

Conduction Velocity

(ms)

**Sural**

Lower Leg

- ☐ Yes  
☐ No response  
☐ Physical problems  
☐ Mental problems  
☐ Physical and mental problems  
☐ Refused  
☐ Technical problems (no time)  
☐ Other

Amplitude	(mV)	Latency	(ms)
Latency	(ms)	Conduction Velocity	(ms)

Which "Stimulus Site" was chosen for lower leg (Sural)? ☐ A1 ☐ A2 ☐ A3 ☐ A4 [Click to deselect entry](#)

Were files exported? ☐ Yes ☐ No [Click to deselect entry](#)