Protocol ID:	_	Study Subject ID:
Study Name:		Interviewer Name:
Site:		Interview Date:
Event Name:		
Event Date:	_	
	BLSA	Knee Strength - Ver 1.2
Section Title: Eligibility		
Instructions:		
Eligibility		
Date Completed		☐ Blank
Tester ID		
and is used to measure stre your upper legs using three make sure it is safe for you	ength in various muscle grees sets of tests, that I'll desc	is machine is a dynamometer (we call it the Biodex, after the manufacturer) oups. In this session, we will measure the strength of the muscle groups in cribe as we get to them. Before starting, I will ask you a few questions to
Examiner Chart Review  1. Does the participant's BF		ed 220/115mmHg? Click to deselect entryIf YES, DO NOT TEST
Questions for Participant 3. Has a doctor ever told yo	,	rsm in the brain?  Click to deselect entryIf YES, DO NOT TEST
4. Has a doctor told you the	at you had a cerebral hem  O Yes O No O Don't know	morage <u>in the last 6 months</u> ? Click to deselect entryIf YES, DO NOT TEST
4a. Have you had any low	back pain in the past 3 mo O Yes O No O Don't know	onths that limited your activity for <u>one month</u> ?  Click to deselect entryIf YES, DO NOT TEST

5. Have you had knee surg	ery on either leg?  O Yes O No O Don't know	Click to deselect entry		
5a. <b>If yes,</b> was the surgery	y on your right, left or bot O Right O Left O Both O D			
Type of surgery				
5b. Right knee	○ Joint			
	O Bone			
	O Ligament			
	O Meniscus			
	O Cartilage			
	O Knee cap			
	○ Tendon			
	Others			
	O Don't know			
5c. Left knee	O Joint			
	O Bone			
	O Ligament			
	O Meniscus			
	O Cartilage			
	O Knee cap			
	○ Tendon			
	Others			
	O Don't know			
6. Have you had an injury t	that made one leg weaker	r than the other		
	O Yes O No O Don't know	Click to deselect entry	6a. <b>If yes,</b> which leg is <u>stronger</u>	Right Left Don't

7. Is it difficult to bend or straighten either of your knees fully due to pain, arthritis, injury or some other condition?

	○ Yes ○ No ○ Don't know	Click to deselect entry	7a. <b>If yes,</b> which kne	e?		
24. Do you have any pain in your knee, when you walk up or down stairs?  O Yes O No O Don't know Click to deselect entry						
24a. Which knee	Right	24b. How ofte	en do you have pain?	Occassionally		
	○ Left			O Weekly		
	OBoth			O Daily		
	O Don't know			O Don't know		
8. Which leg was tested at	the participant's most     Right     Left     Both     Don't know     First time	recent BLSA visit in	which Dynamome	ter testing was performed?		
Pain 25. Do you have any pain now?	○ Yes ○ No ○ Don't kno	ow Click to deselect e	entry			
If Yes, rate the severity of place back pain	pain you have now.	050607080	9 0 10 Click to	deselect entry		
Right hip pain	0001020304	050607080	9 O 10 Click to	deselect entry		
Left hip pain	0001020304	050607080	9 O 10 Click to	deselect entry		
Right knee pain	0001020304	050607080	9 O 10 Click to	deselect entry		
Left knee pain	0001020304	050607080	9 O 10 Click to	deselect entry		

Protocol ID:	Study Subject ID:
Study Name:	Interviewer Name:
Site:	Interview Date:
Event Name:	
Event Date:	
<b>Section Title: Right Le</b>	g
Instructions:	
exactly as before (if info	ngs: Dynamometer settings used previously may be printed below. Please position the dynamometer rmation is available). Refer to the operations manual for procedures on determining settings if no previous changes are necessary. In this case enter (or overwrite) settings below:  (In)
10b. Lever arm	(In)
10c. Limb weight	(Nm)
	last test you will be kicking out as hard as you can and holding that position for three seconds each time. a fixed positions and will not move. You will be doing this action three times for each of two test angles. e tests."
13a. Was right leg tested	○ Yes ○ No Click to deselect entry
13b. Trials attempted at 120 degrees?	O O 1 O 2 O 3 O 4+ Click to deselect entry
13c. Trials attempted at 140 degrees?	O O 1 O 2 O 3 O 4+ Click to deselect entry
Reason Test Terminated	O Requested by Participant O Tester's decision Click to deselect entry
13d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know Click to deselect entry
Concentric/Concentric Te	est: "For this test you will be moving with the machine, kicking out as hard as you can until the machine

Right Leg Comments:

stops and then, when I tell you to start, pulling back in as hard as you can with the machine the entire way back to the starting position. You will be doing this action three times for each of two test speeds, one slow and one fast We will start with a few practice tests first." 11a. Was right leg tested O Yes O No Click to deselect entry 0001020304+ 11c. Trials attempted at 180 Click to deselect entry degrees? O Requested by Participant O Tester's decision Reason Test Terminated Click to deselect entry 0001020304+ 11b. Trials attempted at 30 Click to deselect entry degrees? O Requested by Participant O Tester's decision Reason Test Terminated Click to deselect entry ○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know 11d. Reason not done: Click to deselect entry

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Protocol ID:		Study Subject ID:
Study Name:		Interviewer Name:
Site:		Interview Date:
Event Name:		
Event Date:	<u></u>	
Section Title: Left Leg		
Instructions:		
exactly as before (if infor	ngs: Dynamometer settings used previously may be	for procedures on determining settings if no previous
20b. Lever arm	(In)	
20c. Limb weight	(Nm)	
	a fixed positions and will not move. You will be doing	nd holding that position for three seconds each time. this action three times for each of two test angles.
23a. Was left leg tested	○ Yes ○ No Click to deselect entry	
23b. Trials attempted at 120 degrees?	O O O 1 O 2 O 3 O 4+ Click to deselect entry	
23c. Trials attempted at 140 degrees?	○ 0 ○ 1 ○ 2 ○ 3 ○ 4+ Click to deselect entry	
Reason Test Terminated	O Requested by Participant O Tester's decision Click to	deselect entry
23d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time	O Don't know Click to deselect entry
Concentric/Concentric Te	est: "For this test you will be moving with the machin	e, kicking out as hard as you can until the machine

Left Leg Comments:

stops and then, when I tell you to start, pulling back in as hard as you can with the machine the entire way back to the starting position. You will be doing this action three times for each of two test speeds, one slow and one fast We will start with a few practice tests first." 21a. Was left leg tested O Yes O No Click to deselect entry 0001020304+ 21c. Trials attempted at 180 Click to deselect entry degrees? O Requested by Participant O Tester's decision Reason Test Terminated Click to deselect entry 0001020304+ 21b. Trials attempted at 30 Click to deselect entry degrees? O Requested by Participant O Tester's decision Reason Test Terminated Click to deselect entry ○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know 21d. Reason not done: Click to deselect entry

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