Protocol ID:	_	:	Study Subject ID:
Study Name:	<u></u>		Interviewer Name:
Site:			Interview Date:
Event Name:	<del></del>		
Event Date:	_		
	BLSA Bio	dex Knee Strength - Ver. 1	.0
Section Title: Eligibility			
Instructions:			
Eligibility			
Date Completed			Blank
Tester ID			
and is used to measure stre	ength in various muscle gr e sets of tests, that I'll desc	oups. In this session, we will measu	call it the Biodex, after the manufacturer) ure the strength of the muscle groups in rting, I will ask you a few questions to
<b>Examiner Chart Review</b>			
1. Does the participant's BP obtained during PE exceed 220/115mmHg?	○ Yes ○ No ○ Don't know	Click to deselect entryIf YES, DO NOT TE	ST
2. From DXA testing, is the bone mineral density T-score of either hip more than four standard deviations below the population mean or less than 0.5 g/cm-squared?	O Yes O No O Don't know	Click to deselect entryIf YES, DO NOT TE	ST
<b>Questions for Participar</b>	<u>nt</u>		

3. Has a doctor ever told you that you had an aneurysm in the brain?	○ Yes ○ No ○ Don't know	w Click to deselect e	entryIf YES, DO NOT TEST	
4. Has a doctor told you that you had a cerebral hemmorage in the last 6 months?	○ Yes ○ No ○ Don't know	w Click to deselect e	entryIf YES, DO NOT TEST	
4a. Have you had any low back pain in the past year that limited your activity for at <u>least 10 days</u> ?	○ Yes ○ No ○ Don't know	w Click to deselect e	entryIf YES, DO NOT TEST	
5. Have you had knee surgery on either leg where all or part of the joint was replaced?	○ Yes ○ No ○ Don't know	w Click to deselect e	entry	
5a. <b>If yes,</b> was the surgery on your right, left or both knees?	Right Left Both	Don't know		
6. Have you had an injury that made one leg weaker than the other	O Yes O No O Don't know	Click to deselect entry	6a. <b>If yes,</b> which leg is <u>stron</u>	g <u>er</u> O Right O Left O Don't know
7. Is it difficult to bend or straighten either of your knees fully due to pain, arthritis, injury or some other condition?		Click to deselect entry	7a. <b>If yes,</b> which knee?	Right Left Both Don't know
Prior Visit Report 8. Which leg was tested at the participant's most recent BLSA visit in which Kin-Com testing was performed?	<ul><li>Right</li><li>Left</li><li>Both</li><li>Don't know</li><li>First time</li></ul>			

Manual Muscle Test

9. Did you have any pain in your right, left, or both knees that stopped you from pushing hard?
 Right test Left only
 Left test Right only
 Both Do not test
 No test both sides
 Don't know Go to Biodex exam

Select Randomization List

 Biodex Right Kin-com Left Kin-com right
 Biodex Left Kin-com Right Kin-com Left
 Kin-com Right Kin-com Right Biodex Right
 Kin-com Left Kin-com Right Biodex Left

3 of 8 10/12/2021, 10:56 AM

Protocol ID:	_	Study Subject ID:
Study Name:	<u></u>	Interviewer Name:
Site:		Interview Date:
Event Name:	<u> </u>	
Event Date:	_	
<b>Section Title: Right Leg</b>		
Instructions:		
Tester ID		
Eligibility Date Completed		
exactly as before (if inform	ation is available). Refer to	used previously may be printed below. Please position the dynamometer to the operations manual for procedures on determining settings if no previous this case enter (or overwrite) settings below:
10b. Lever arm	(In)	
10c. Limb weight	(Nm)	
Concentric/Concentric Test: "For this test you will be moving with the machine, kicking out as hard as you can until the machine 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 dese	elect entry
11b. Trials attempted at 30 degrees?	0001020304+	Click to deselect entry
11c. Trials attempted at 180 degrees?	0001020304+	Click to deselect entry

11d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know Click to deselect entry
towards the chair as the lever For the second part of the recommendation Keep kicking up the entire to the chair as the lever towards the lever towards the chair as the lever towards the chair as the lever towards	second test you will be moving against the machine. For the first part of the movement, you will kick er arm is moving towards the stop position. Keep kicking back the entire time the arm is moving up. novement, you will be kicking up towards the ceiling while the lever is moving toward the start position me the lever arm ismoving back to the start position. As in the previous test, you will be doing this of the same two test speeds. We will start with a few practice tests."  O Yes O No Click to deselect entry
12b. Trials attempted at 30 degrees?	O 0 O 1 O 2 O 3 O 4+ Click to deselect entry
12c. Trials attempted at 180 degrees?	O 0 O 1 O 2 O 3 O 4+ Click to deselect entry
12d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know Click to deselect entry
The lever arm will be in a fi There will be NO practice to	
13a. Was right leg tested	○ Yes ○ No Click to deselect entry
13b. Trials attempted at 120 degrees?	O 0 O 1 O 2 O 3 O 4+ Click to deselect entry
13c. Trials attempted at 140 degrees?	O 0 O 1 O 2 O 3 O 4+ Click to deselect entry
13d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know Click to deselect entry

OpenClinica - Printable Forms
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Protocol ID:	_	Study Subject ID:
Study Name:	_	Interviewer Name:
Site:		Interview Date:
Event Name:	_	
Event Date:	-	
Section Title: Left Leg		
Instructions:		
Tester ID		
Eligibility Date Completed		
exactly as before (if informa	ition is available). Refer to	used previously may be printed below. Please position the dynamometer to the operations manual for procedures on determining settings if no previous his case enter (or overwrite) settings below:
20b. Lever arm	(In)	
20c. Limb weight	(Nm)	
Concentric/Concentric Test: "For this test you will be moving with the machine, kicking out as hard as you can until the machine 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."		
•	O Yes O No Click to dese	elect entry
21b. Trials attempted at 30 degrees?	0 0 1 0 2 0 3 0 4+	Click to deselect entry
21c. Trials attempted at 180 degrees?	0 0 0 1 0 2 0 3 0 4+	Click to deselect entry

21d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know Click to deselect entry		
towards the chair as the lever For the second part of the recommendation Keep kicking up the entire to the chair as the lever towards the lev	second test you will be moving against the machine. For the first part of the movement, you will kick for arm is moving towards the stop position. Keep kicking back the entire time the arm is moving up. movement, you will be kicking up towards the ceiling while the lever is moving toward the start position ime the lever arm ismoving back to the start position. As in the previous test, you will be doing this of the same two test speeds. We will start with a few practice tests."  O Yes O No Click to deselect entry		
22b. Trials attempted at 30 degrees?	O 0 O 1 O 2 O 3 O 4+ Click to deselect entry		
22c. Trials attempted at 180 degrees?	O 0 0 1 O 2 O 3 O 4+ Click to deselect entry		
22d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know Click to deselect entry		
<u>Isometric Test:</u> "For the last test you will be kicking out as hard as you can and holding that position for three seconds each time. The lever arm will be in a fixed positions and will not move. You will be doing this action three times for each of two test angles. There will be NO practice tests."			
23a. Was left leg tested	○ Yes ○ No Click to deselect entry		
23b. Trials attempted at 120 degrees?	○ 0 ○ 1 ○ 2 ○ 3 ○ 4+ Click to deselect entry		
23c. Trials attempted at 140 degrees?	O 0 O 1 O 2 O 3 O 4+ Click to deselect entry		
23d. Reason not done:	○ Ineligible ○ Refused ○ Technical ○ No Tester ○ Time ○ Don't know Click to deselect entry		

Protocol ID:	Study Subject ID:
Study Name:	Interviewer Name:
Site:	Interview Date:
Event Name:	
Event Date:	
Section Title: Eligibility	
Instructions:	