LEG STRENGTH (ISOMETRIC CHAIR)

1 Have you ever had knee surgery on either leg where all or part of the joint was replaced?

◯ Yes   ◯ No   ◯ Don't Know   ◯ Refused   *surgery*

Which leg?   *whichleg*

◯ Right leg   ◯ Left leg   ◯ Both legs

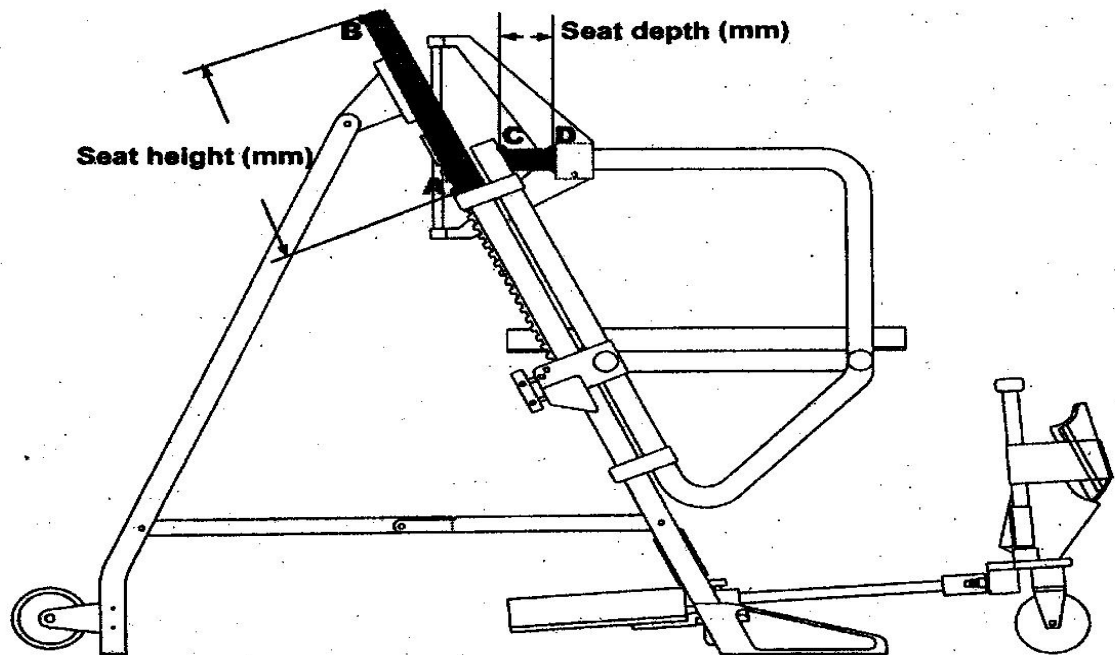| Do NOT test right leg | Do NOT test left leg. | Do NOT test either leg. Go to Question #9. |

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2   What is the seat height?   *height*
(Examiner Note: Record the seat height by measuring the distance between point "A" and "B" as noted below. Us a ruler marked in millimeters.)

| | | | mm

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3   What is the seat depth?   *depth*
(Examiner Note: Record the seat depth by measuring the distance between point "C" and "D" as noted below. Use a ruler marked in millimeters. Be sure that the depth is exactly the same measurement on both sides of the chair.)

| | | | mm

LEG STRENGTH (ISOMETRIC CHAIR)

4 What is the length of the lower leg to be tested? ☐ . ☐☐ meters *length*

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5 Which leg was tested? *testleg*

◯ Right leg   ◯ Left leg   ◯ Test not performed

Go to Question #9.

Trial	Maximum Torque (Nm)	Max Rate Torque (Nm/sec)	Reaction Time (msec)	Time to 50% MVTD (msec)	Did participant have knee pain?
1.	*maxtorq1*	*maxrate1*	*reaction1*	*mvtd1*	◯ Yes ◯ No *Pain1* Test other leg. Go to Question #6
2.	*maxtorq2*	*maxrate2*	*reaction2*	*mvtd2*	◯ Yes ◯ No *Pain2* Test other leg. Go to Question #6
3.	*maxtorq3*	*maxrate3*	*reaction3*	*mvtd3*	Test Complete. Go to Question #8.

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6 What is the length of the lower leg? *length2*
(Examiner Note: Only test the other leg if three trials were not possible on the first leg. This should be the length of the other leg to be tested.)

☐ . ☐☐ meters

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7 Which other leg is being tested? *otherleg*

◯ Right Leg   ◯ Left Leg   ◯ Test not performed

Go to Question #9

Trial	Maximum Torque (Nm)	Max Rate Torque (Nm/sec)	Reaction Time (msec)	Time to 50% MVTD (msec)	Did participant have knee pain?
1.	*maxtorq4*	*maxrate4*	*reaction4*	*mvtd4*	◯ Yes ◯ No *Pain3* STOP. Go to Question #8
2.	*maxtorq5*	*maxrate5*	*reaction5*	*mvtd5*	◯ Yes ◯ No *pain4* STOP. Go to Question #8
3.	*maxtorq6*	*maxrate6*	*reaction6*	*mvtd6*	Test Complete. Go to Question #8.

LEG STRENGTH (ISOMETRIC CHAIR)

8 What size connecting rod was used?   *rodsize*

◯ Small   ◯ Medium   ◯ Large

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9 Was the participant able to complete the isometric strength test?   *complete*

◯ Yes   ◯ No

Why not?
(Examiner Note: Check all that apply.)

◯ Not eligible: bilateral knee replacement *kneerepl*
◯ Knee pain   *kneepain*
◯ Equipment problems   *problems*
◯ Participant refused   *refused*
◯ Participant fatigue   *fatigue*
◯ Other   *(Please Specify:_____othertxt_____*
_____