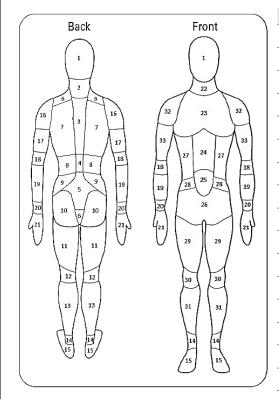
Pre-Test

Test Preparation

Survey Questions (pg 1) Exoskeleton Study

Before putting on the exoskeleton, have you had any previous injuries or do you have any current pain, soreness or discomfort that may affect how you perform the test? Please write the number(s) and mark the severity or write "none".



Area of the body	Slight	Moderate	Severe	Extreme
	1	2	3	4
	1	2	3	4
	①	2	3	4
	1	2	3	4
	1	2	3	4
	1	2	3	4
	1	2	3	4
	1	2	3	4
	1	2	3	4
	1	2	3	4
	1	2	3	4
	1	2	3	4
	①	2	3	4
	①	2	3	4
	1	2	3	4
	1	2	3	4
		-		

1. On a scale from 0 - 5 (no effort – extreme effort), I found that to put on the exoskeleton included:

0 No Effort 1

1

2

3

4

Extreme Effort

2. On a scale from 0 - 5 (uncomfortable - very comfortable), I found that the exoskeleton was:

Uncomfortable

2

3

4

Very Comfortable

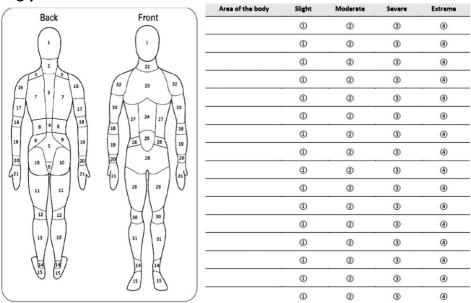
Survey Questions (pg 2) Exoskeleton Study

3. While initially wearing the exoskeleton, I found that my movements were:

0 1 2 3 4 5

Not Obstructed

4. During the test, did you have any pain, soreness or discomfort? Please mark accordingly.



5. The exoskeleton provided ergonomic (efficient and comfortable) support during the test.

0 1 2 3 4 5
N/A Strongly Disagree Disagree Neutral Agree Strongly Agree

6. While wearing the exoskeleton, it helped you complete the test?

0 1 2 3 4 5 N/A Strongly Disagree Disagree Neutral Agree Strongly Agree

7. The task you performed provided information about the usefulness of an exoskeleton.

0 1 2 3 4 5 N/A Strongly Disagree Disagree Neutral Agree Strongly Agree

General Questions about the Test

Survey Questions (pg 3) Exoskeleton Study

8. Wa	as the task you perfor	med frustrat Yes	ing to you?	No						
9. What did you like most and least about wearing and using the exoskeleton? Most liked:										
Least	liked:									
	/here did you feel the knees, hips, back, sho			rted your m	novements	during the				
Easie	/hat were the easiest st: 		<u> </u>			et(s)?				
	Ihat would you chang of this page if more sp			or the task	you perfo	rmed (use the				
	he task sufficiently ca	ptured my m	aximum loa	d and repe	tition <u>with</u>	out the				
0	1	2								
N/A	Strongly Disagree	Disagree	Neutral	Agree	Strongly A	Agree				
	he task sufficiently ca celeton.	ptured my m	aximum loa	d and repe	tition <u>with</u>	the				
0	1	2	_		_					
N/A	Strongly Disagree	Disagree	Neutral	Agree	Strongly A	Agree				
15. T l	he test properly repre	esents the rea	al world. 3	4	5					
N/A	Strongly Disagree	Disagree	Neutral	4 Agree	Strongly A	Agree				
,	3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3		sk tested the	_						
		N/A Stror Disag	ngly Disagre gree	_	Agree	Strongly Agree				
		17. The ta	sk tested the	e capabilitie	es of the ex	koskeleton.				
		0 1	2	3	4	5				
		N/A Stror	ngly Disagre	e Neutral	Agree	Strongly				

Disagree

Agree

This collection of information contains Paperwork Reduction Act (PRA) requirements approved by the Office of Management and Budget (OMB). Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the PRA unless that collection of information displays a currently valid OMB control number. Public reporting burden for this collection is estimated to be 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing this burden, to the National Institute of Standards and Technology, Attn: Roger Bostelman at roger.bostelman@nist.gov.