

## OPUS Upper Extremity Scoring Guide

Items are scored

4=Very Easy

3= Easy

2=Slightly difficult

1=Very difficult

0=Cannot do this activity

**OPUS UE Total score** is the sum of the scores for 23 items (0 – 92). A higher score indicates greater function. Use Table 20.1 to convert raw SCOREs to Rasch MEASUREs (0 – 100 scale). The Standard Error associated with each score is indicated as well. Table 20.2 shows the FREQUENCY of responses and PERCENTILES used to create the score-measure conversion table.

The current upper extremity item set includes 29 items. Because sufficient data have not been collected for scoring, only 23 items are scored. The unscored items are indicated in **red font**.

1. Wash face
2. Put toothpaste on brush and brush teeth
3. Brush/comb hair
4. Put on and remove T-shirt
5. Button shirt with front buttons
6. Attach end of zipper and zip jacket
7. Put on socks
8. Tie shoe laces
9. Drink from a paper cup
10. Use fork or spoon
11. Cut meat with knife and fork
12. Pour from a 12 oz. can
13. Write name legibly
14. Use scissors
15. Open door with knob
16. Use a key in a lock
17. Carry laundry basket
18. Dial a touch tone phone
19. Use a hammer and nail
20. Fold a bath towel
21. Open an envelope
22. Stir in a bowl
23. Put on and take of prosthesis or orthosis
24. Peel potatoes (or fruit) using a knife/peeler
25. Open a bag of chips using both hands
26. Take a note out of a wallet
27. Take a credit card out of a wallet
28. Open a small bottle with a twist lid
29. Sharpen a pencil

TABLE OF MEASURES ON TEST OF 23 ITEM

SCORE	MEASURE	S.E.	SCORE	MEASURE	S.E.	SCORE	MEASURE	S.E.
0	.00E	16.45	31	40.80	1.91	62	53.43	2.07
1	10.63	8.88	32	41.20	1.90	63	53.91	2.09
2	16.56	6.19	33	41.60	1.89	64	54.39	2.11
3	19.95	5.01	34	41.99	1.89	65	54.89	2.13
4	22.32	4.32	35	42.38	1.88	66	55.39	2.16
5	24.14	3.85	36	42.77	1.88	67	55.91	2.18
6	25.63	3.51	37	43.16	1.88	68	56.45	2.21
7	26.89	3.26	38	43.54	1.88	69	56.99	2.25
8	27.99	3.06	39	43.93	1.87	70	57.56	2.28
9	28.96	2.89	40	44.32	1.87	71	58.14	2.32
10	29.84	2.76	41	44.71	1.88	72	58.74	2.36
11	30.64	2.64	42	45.09	1.88	73	59.36	2.40
12	31.38	2.55	43	45.48	1.88	74	60.01	2.45
13	32.07	2.46	44	45.87	1.88	75	60.69	2.51
14	32.72	2.39	45	46.26	1.89	76	61.39	2.57
15	33.33	2.33	46	46.65	1.89	77	62.14	2.63
16	33.92	2.27	47	47.05	1.90	78	62.92	2.71
17	34.47	2.23	48	47.45	1.90	79	63.75	2.79
18	35.01	2.18	49	47.85	1.91	80	64.64	2.88
19	35.52	2.14	50	48.25	1.92	81	65.59	2.99
20	36.02	2.11	51	48.65	1.92	82	66.61	3.11
21	36.50	2.08	52	49.06	1.93	83	67.73	3.26
22	36.97	2.05	53	49.48	1.94	84	68.96	3.43
23	37.43	2.03	54	49.89	1.95	85	70.33	3.64
24	37.88	2.00	55	50.31	1.96	86	71.89	3.90
25	38.31	1.99	56	50.74	1.98	87	73.71	4.24
26	38.74	1.97	57	51.17	1.99	88	75.90	4.70
27	39.17	1.95	58	51.61	2.00	89	78.67	5.38
28	39.58	1.94	59	52.06	2.02	90	82.51	6.53
29	39.99	1.93	60	52.51	2.03	91	88.96	9.16
30	40.40	1.92	61	52.97	2.05	92	100.00E	16.63

CURRENT VALUES, UMEAN=47.5365 USCALE=9.0850  
 TO SET MEASURE RANGE AS 0-100, UMEAN=47.5365 USCALE=9.0850  
 TO SET MEASURE RANGE TO MATCH RAW SCORE RANGE, UMEAN=43.7336 USCALE=8.3582  
 Predicting Score from Measure:  $Score = Measure * 1.5616 + -28.2743$   
 Predicting Measure from Score:  $Measure = Score * .5830 + 20.7455$

TABLE OF SAMPLE NORMS (500/100) AND FREQUENCIES CORRESPONDING TO COMPLETE TEST

SCORE	MEASURE	S.E.	NORMED	S.E.	FREQUENCY	%	CUM.FREQ.	%	PERCENTILE
0	.00E	16.45	152	92	2	2.0	2	2.0	1
1	10.63	8.88	212	50	0	.0	2	2.0	2
2	16.56	6.19	245	35	0	.0	2	2.0	2
3	19.95	5.01	264	28	1	1.0	3	3.0	2
4	22.32	4.32	277	24	0	.0	3	3.0	3
5	24.14	3.85	287	21	0	.0	3	3.0	3
6	25.63	3.51	295	20	0	.0	3	3.0	3
7	26.89	3.26	302	18	0	.0	3	3.0	3
8	27.99	3.06	308	17	0	.0	3	3.0	3
9	28.96	2.89	314	16	0	.0	3	3.0	3
10	29.84	2.76	319	15	0	.0	3	3.0	3
11	30.64	2.64	323	15	0	.0	3	3.0	3
12	31.38	2.55	327	14	0	.0	3	3.0	3
13	32.07	2.46	331	14	0	.0	3	3.0	3
14	32.72	2.39	335	13	1	1.0	4	4.0	3
15	33.33	2.33	338	13	0	.0	4	4.0	4
16	33.92	2.27	342	13	0	.0	4	4.0	4
17	34.47	2.23	345	12	0	.0	4	4.0	4
18	35.01	2.18	348	12	0	.0	4	4.0	4
19	35.52	2.14	351	12	0	.0	4	4.0	4
20	36.02	2.11	353	12	1	1.0	5	5.0	4
21	36.50	2.08	356	12	1	1.0	6	5.9	5
22	36.97	2.05	359	11	0	.0	6	5.9	6
23	37.43	2.03	361	11	1	1.0	7	6.9	6
24	37.88	2.00	364	11	0	.0	7	6.9	7
25	38.31	1.99	366	11	0	.0	7	6.9	7
26	38.74	1.97	368	11	0	.0	7	6.9	7
27	39.17	1.95	371	11	0	.0	7	6.9	7
28	39.58	1.94	373	11	0	.0	7	6.9	7
29	39.99	1.93	375	11	0	.0	7	6.9	7
30	40.40	1.92	378	11	2	2.0	9	8.9	8
31	40.80	1.91	380	11	0	.0	9	8.9	9
32	41.20	1.90	382	11	0	.0	9	8.9	9
33	41.60	1.89	384	11	0	.0	9	8.9	9
34	41.99	1.89	387	11	1	1.0	10	9.9	9
35	42.38	1.88	389	10	1	1.0	11	10.9	10
36	42.77	1.88	391	10	1	1.0	12	11.9	11
37	43.16	1.88	393	10	0	.0	12	11.9	12
38	43.54	1.88	395	10	0	.0	12	11.9	12
39	43.93	1.87	397	10	0	.0	12	11.9	12
40	44.32	1.87	400	10	0	.0	12	11.9	12
41	44.71	1.88	402	10	0	.0	12	11.9	12
42	45.09	1.88	404	10	0	.0	12	11.9	12
43	45.48	1.88	406	10	1	1.0	13	12.9	12
44	45.87	1.88	408	10	0	.0	13	12.9	13
45	46.26	1.89	410	11	1	1.0	14	13.9	13
46	46.65	1.89	413	11	1	1.0	15	14.9	14
47	47.05	1.90	415	11	2	2.0	17	16.8	16
48	47.45	1.90	417	11	0	.0	17	16.8	17

SCORE	MEASURE	S.E.	NORMED	S.E.	FREQUENCY	%	CUM.FREQ.	%	PERCENTILE
49	47.85	1.91	419	11	1	1.0	18	17.8	17
50	48.25	1.92	421	11	0	.0	18	17.8	18
51	48.65	1.92	424	11	1	1.0	19	18.8	18
52	49.06	1.93	426	11	1	1.0	20	19.8	19
53	49.48	1.94	428	11	0	.0	20	19.8	20
54	49.89	1.95	431	11	4	4.0	24	23.8	22
55	50.31	1.96	433	11	0	.0	24	23.8	24
56	50.74	1.98	435	11	1	1.0	25	24.8	24
57	51.17	1.99	438	11	0	.0	25	24.8	25
58	51.61	2.00	440	11	0	.0	25	24.8	25
59	52.06	2.02	443	11	1	1.0	26	25.7	25
60	52.51	2.03	445	11	2	2.0	28	27.7	27
61	52.97	2.05	448	11	0	.0	28	27.7	28
62	53.43	2.07	450	12	2	2.0	30	29.7	29
63	53.91	2.09	453	12	2	2.0	32	31.7	31
64	54.39	2.11	456	12	2	2.0	34	33.7	33
65	54.89	2.13	459	12	0	.0	34	33.7	34
66	55.39	2.16	461	12	1	1.0	35	34.7	34
67	55.91	2.18	464	12	2	2.0	37	36.6	36
68	56.45	2.21	467	12	0	.0	37	36.6	37
69	56.99	2.25	470	13	2	2.0	39	38.6	38
70	57.56	2.28	473	13	1	1.0	40	39.6	39
71	58.14	2.32	477	13	3	3.0	43	42.6	41
72	58.74	2.36	480	13	2	2.0	45	44.6	44
73	59.36	2.40	483	13	1	1.0	46	45.5	45
74	60.01	2.45	487	14	2	2.0	48	47.5	47
75	60.69	2.51	491	14	1	1.0	49	48.5	48
76	61.39	2.57	495	14	0	.0	49	48.5	49
77	62.14	2.63	499	15	1	1.0	50	49.5	49
78	62.92	2.71	503	15	4	4.0	54	53.5	51
79	63.75	2.79	508	16	1	1.0	55	54.5	54
80	64.64	2.88	513	16	1	1.0	56	55.4	55
81	65.59	2.99	518	17	1	1.0	57	56.4	56
82	66.61	3.11	524	17	1	1.0	58	57.4	57
83	67.73	3.26	530	18	2	2.0	60	59.4	58
84	68.96	3.43	537	19	3	3.0	63	62.4	61
85	70.33	3.64	545	20	4	4.0	67	66.3	64
86	71.89	3.90	553	22	3	3.0	70	69.3	68
87	73.71	4.24	563	24	3	3.0	73	72.3	71
88	75.90	4.70	576	26	8	7.9	81	80.2	76
89	78.67	5.38	591	30	9	8.9	90	89.1	85
90	82.51	6.53	613	36	5	5.0	95	94.1	92
91	88.96	9.16	649	51	2	2.0	97	96.0	95
92	100.00E	16.63	710	93	4	4.0	101	100.0	98

THE NORMED SCALE IS EQUIVALENT TO UIMEAN= 152.3994 USCALE= 5.5769