

Satisfaction With Device Score is the sum of the scores for items 1-9 (0-36).

Use these tables to convert raw score to Rasch Measure (0-100 scale)

TABLE OF MEASURES ON TEST OF 9 ITEM SATISFACTION WITH DEVICE

SCORE	MEASURE	S.E.	SCORE	MEASURE	S.E.	SCORE	MEASURE	S.E.
0	.00E	16.42	13	38.79	3.05	26	54.54	4.19
1	11.21	9.23	14	39.82	3.02	27	56.68	4.53
2	18.03	6.70	15	40.84	3.00	28	59.17	4.87
3	22.21	5.57	16	41.85	3.00	29	62.01	5.15
4	25.25	4.87	17	42.87	3.01	30	65.13	5.36
5	27.65	4.38	18	43.89	3.03	31	68.47	5.54
6	29.63	4.03	19	44.94	3.07	32	72.08	5.79
7	31.33	3.76	20	46.02	3.13	33	76.13	6.24
8	32.84	3.55	21	47.16	3.22	34	81.10	7.14
9	34.19	3.39	22	48.36	3.33	35	88.50	9.46
10	35.44	3.27	23	49.66	3.47	36	100.00E	16.51
11	36.61	3.18	24	51.10	3.66			
12	37.72	3.11	25	52.70	3.90			

KEY FORM FOR THE 9 ITEM SATISFACTION WITH DEVICE MEASURE

EXPECTED SCORE: MEAN (Rasch-score-point threshold, ":" indicates Rasch-half-point threshold) (ILLUSTRATED BY AN OBSERVED CATEGORY)

10	20	30	40	50	60	70	80	90	ITEM		
0	0	:	1	:	2	:	3	:	4	4	9.pain free to wear
0	0	:	1	:	2	:	3	:	4	4	1.fits well
0	0	:	1	:	2	:	3	:	4	4	3.comfortable throughout the day
0	0	:	1	:	2	:	3	:	4	4	8.skin is free of abrasions & irritation
0	0	:	1	:	2	:	3	:	4	4	7.clothes are free of wear & tear
0	0	:	1	:	2	:	3	:	4	4	5.looks good
0	0	:	1	:	2	:	3	:	4	4	2.weight is manageable
0	0	:	1	:	2	:	3	:	4	4	4.easy to put on
0	0	:	1	:	2	:	3	:	4	4	6.durable

10	20	30	40	50	60	70	80	90	NUM	ITEM
1	1								11 1	PERSON
0		T	S	M	S	T			23	PERCENTILE
			10	30	50	70	80	90	99	