

SDC 1. Cronbach's alpha results

Case Processing Summary

		N	%
Cases	Valid	199	100.0
	Excluded ^a	0	.0
	Total	199	100.0

a. Listwise deletion based on all variables in the procedure

Reliability Statistics

Cronbach's Alpha(α)	Cronbach's Alpha Based on Standardized Items	N of Items
.796	.848	10

Internal consistency and reliability	Perfect	Excellent	Good	Acceptable	Poor	Unacceptable
Normal Range	A=1.00	$0.90 > \alpha \geq 0.80$	$0.8 > \alpha \geq 0.70$	$0.70 > \alpha \geq 0.60$	$0.59 > \alpha \geq 0.50$	$0.5 > \alpha$

SDC 2. Cronbach's alpha coefficients and item deletion details.

	Item-Total Statistics				
	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
NAIL	11.21	8.450	.582	.574	.771
FINGER LENGTH	11.39	9.956	.637	.476	.759
PULP	11.75	11.997	.481	.582	.793
BONE	11.33	8.799	.495	.413	.789
COSMESIS	11.67	10.918	.735	.655	.768
2PD	11.27	10.370	.383	.206	.791
PAIN	11.51	10.968	.406	.349	.785
ROM	11.58	10.134	.727	.709	.754
GRIP STRENGTH	11.62	11.419	.400	.442	.788
RETURN TO WORK	11.68	11.339	.495	.349	.782

SDC 3. ANOVA results

Allen's Type	Total patients	Mean value (SD)	P value
I	49	16 (5.1)	p<.00001
II	49	13 (2.0)	
III	51	11.4 (1.6)	
IV	50	10.7 (0.8)	

SD- Standard Deviation

SDC 4. Reliability analysis: Interpretation of Cohen's Kappa¹²

Value of Kappa(κ)	Level of agreement	% of data that are reliable	Our study
0-.20	None	0-4%	
.21-.39	Minimal	4-15%	
.40-.59	Weak	15-35%	
.60-.79	Moderate	35-63%	
.80-.90	Strong	64-81%	0.844
>.90	Almost perfect	82-100%	