

Luchetti M, Cutti AG, Verni G, Sacchetti R, Rossi N. Impact of Michelangelo prosthetic hand: Findings from a crossover longitudinal study. *J Rehabil Res Dev.* 2015;52(5):605–18.

Appendix 4. Participant performance with prostheses (Michelangelo prosthetic hand [M] and tridigital prosthetic hand [TD]) and intact arm at baseline (T0) and 3 mo follow-up (T1).

Measure	Stefano	Fabio	Guido	Francesco	Paolo	Alberto	Median (Range)	Interpretation
BBT*								Higher number of blocks = higher functionality.
Intact Arm (T0)	64	68	60	60	66	54	62.0 (54–66)	
TD (T0)	19	30	22	26	28	22	24.0 (19–30)	
M (T1)	26	26	33	33	28	30	29.0 (26–33)	
MMDT†								More time = less functionality.
Intact Arm (T0)	82	71	70	72	60	60	70.5 (60–82)	
TD (T0)	297	171	130	154	230	150	162.5 (130–297)	
M (T1)	171	153	120	137	130	140	138.5 (120–165)	
SHAP‡								Higher IoF score = higher functionality.
Intact Arm (T0)	96	97	98	98	100	98	98.0 (96–100)	
TD (T0)	43	70	80	78	84	71	74.5 (43–84)	
M (T1)	75	81	89	85	87	77	83.0 (76–88)	

*BBT score consists of number of blocks moved within 1 min period.

†MMDT score consists of time (seconds) needed to place all round pegs into punch-out holes in sheet.

‡Time scores of each SHAP task provide IoF score.

BBT = Box and Blocks Test, IoF = Index of Functionality, MMDT = Minnesota Manual Dexterity Test, SHAP = Southampton Hand Assessment Procedure.