

Case Study II - 1

Spontaneous Functional Analysis	Activity	Thumb Segment			Finger Segment			Wrist Segment					Forearm Segment				Elbow Segment			
		1 palm	2 close	3 open	0 flexion	3 neutral	0 extension	1 flexion	2 neutral	3 extension	0 ulnar deviation	3 neutral	radial deviation	0 extreme pronation	1 pronation	2 neutral	3 supination	1 extreme flexion	2 flexion	3 extension
0 1 2 3 <b>4</b> 5	Money from wallet			X		X														
0 1 2 3 <b>4</b> 5	Fold paper			X		X														
0 1 2 3 <b>4</b> 5	Tear paper			X		X														
0 1 2 3 <b>4</b> 5	String bead			X		X														
0 1 2 <b>3</b> 4 5	Unscrew bottle cap							X				X								
0 1 2 <b>3</b> 4 5	Pull playdough apart							X				X								
0 1 2 <b>3</b> 4 5	Cut playdough with knife							X				X								
	Throw large ball							X				X								
	Accept coins/change																X			
	Receive 5																X			
	Take hand to mouth																X			
	Touch opp. ear with palm																X			
	Place sticker on ball																			X
0 1 2 <b>3</b> 4 5	Put socks on																			X
0 1 2 3 <b>4</b> 5	Fasten shoe																			X
	Crawl																			X

Functional Classification System

- 0 Does not use-Extremity not utilized in any capacity for completion of task.
- 1 Poor passive assist-Uses as stabilizing weight only
- 2 Passive assist-Can hold onto object placed in hand & may stabilize it for use by other hand
- 3 Poor active assist-Can actively grasp object & hold it weakly
- 4 Active assist-Can actively grasp object, stabilize it well, & may manipulate it against other hand
- 5 Spontaneous use, partial to complete-Performs bimanual activities easily; may use hand spontaneously or without reference to other hand

Grasp / Release Analysis

Position	Grasp		Release	
Wrist Flexion	<b>Y</b>	N	<b>Y</b>	N
Wrist Neutral	<b>Y</b>	N	<b>Y</b>	N
Wrist Extended	<b>Y</b>	N	<b>Y</b>	N

Comments: (Web space, MCP instability)