

REVISED UPPER LIMB MODULE FOR SMA

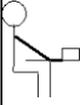
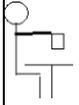
Start Time: (HH:MM): _____ : _____
 24-hour clock

Right elbow contracture Yes / No
 Left elbow contracture Yes / No
 TLSO worn: Yes* / No *If Yes, specify type:
 Spinal surgery Yes / No

Preferred hand: Right / Left / Ambidextrous

Comments:

A.ENTRY ITEM	0	1	2	3	4	5	6
	No useful function of hands.	Can use hands to hold pencil or pick up a token or drive a powered chair, use phone key pad	Can raise 1 or 2 hands to mouth but cannot raise a cup with a 200g weight in it to mouth	Can raise standardized plastic cup with 200g weight in it to mouth using both hands if necessary.	Can raise both arms simultaneously to shoulder height with or without compensation. Elbow bent or in extension	Can raise both arms simultaneously above head only by flexing the elbow shortening circumference of the movement (using accessory muscles)	Can abduct both arms simultaneously in extension in a full circle until they touch above the head.

	Description	0	1	2	SCORE	
					Right	Left
B	Bring hands from lap to table	Unable to bring 1 hand onto table	Brings one hand completely to table	Brings two hands completely to table, either together or one at a time		
C	Complete the path bringing the car to the finish line without stopping or taking pencil off of paper?	With pencil in hand unable to hold it or make a mark	Able to complete the path but needs to stop or raise pencil from paper	Able to complete the path without stops or raising hand from paper.		
D	Pick up tokens	Cannot pick up one token	Can pick up one token	Can pick up and hold 2 tokens		
E	Place token into cup <ul style="list-style-type: none"> • On table: horizontal • At shoulder height: vertical 	Unable to bring token  Cup horizontal on table at wrist length with 90° shoulder flexion from the patient	Able to bring token to cup lying horizontally  Cup horizontal on table at wrist length with 90° shoulder flexion from the patient	Able to bring token into cup placed at shoulder level  Cup vertical at arm length and 90° shoulder flexion from the patient with cup's upper rim at shoulder height under hand		

	Description	0	1	2	SCORE	
					Right	Left
F	Reach to the side and touch the token Bring hand at shoulder height and above	Target: Shoulder 90° abduction with token at arm wrist length Can't bring hand to shoulder height	Target: Shoulder 90° abduction with token at arm wrist length Brings hand to shoulder height, elbow can be bent or extended	Target: Shoulder 135° abduction, token at fingertip length Brings hand above shoulder height, elbow at least at eye level	LBC	LBC
G	Push button light with one hand	Unable to turn the light on with one hand	Able to turn the light on momentarily with fingers and/or thumb of one hand. <i>Elbow cannot be higher than the wrist</i>	Able to turn the light on permanently with fingers and/or thumb of one hand. <i>Elbow cannot be higher than the wrist</i>	LBC	LBC
H	Tearing paper	Cannot tear folded piece of paper	Tears the sheet of paper folded in 2, beginning from the folded edge	Tears the sheet of paper folded in 4, beginning from the folded edge	LBC	LBC
I	Open Ziploc container	Unable to open.	Able to open ziploc container completely on table or against body		LBC	LBC
J	Raise cup with 200g to mouth	Unable to get cup to mouth	Cup with 200g to mouth 2 hands	Cup with 200 g to mouth 1 hand	LBC	LBC
K	Lift weight and bring it from one circle to the other without sliding <u>Between horizontal circles</u> (MIDLINE CIRCLE to OUTER on tested side)	Unable	Slide 200g	Lift 200g weight	LBC	LBC
L	Lift weight and bring it from one circle to the other without sliding <u>Between horizontal circles</u> (MIDLINE CIRCLE to OUTER on tested side)	Unable	Slide 500g	Lift 500g weight	LBC	LBC
M	Lift weight and bring it from one circle to the other without sliding <u>Between diagonal circles</u> (ACROSS MIDLINE, INNER TO OUTER CIRCLE on opposite side)	Unable	Slide 200g weight	Lift 200g weight	LBC	LBC
N	Bring 500g sand weight from lap to table or eye level	Unable to bring weight to table using two hand	Brings weight onto table using two hands	Brings weight at eye level using two hands	LBC	LBC
O	Bring both arms above head - <i>Shoulder abduction</i>	Unable	Can raise both arms simultaneously above head only by flexing the elbow (using compensation)	Can abduct both arms simultaneously elbows in extension in a full circle until they touch above the head	LBC	LBC
P	Bring 500g weight above shoulder height- <i>Shoulder abduction</i>	Unable to lift 500g weight even with compensation	Able to lift 500g weight with compensation	Able to lift 500g weight without compensation	LBC	LBC

	Description	0	1	2	SCORE	
					Right	Left
Q	Bring 1kg weight above shoulder height- <i>Shoulder abduction</i>	Unable to lift weight even compensation 1 kg with	Able to lift 1 kg weight with compensation	Able to lift 1kg weight without compensation	LBC	LBC
R	Bring hand above shoulder height- <i>Shoulder flexion</i>	Unable	Able with compensation	Able without compensation	LBC	LBC
S	Bring 500g weight above shoulder height- <i>Shoulder flexion</i>	Unable to lift 500g weight even with compensation	Able to lift 500g weight with compensation	Able to lift 500g weight without compensation	LBC	LBC
T	Bring 1kg weight above shoulder height- <i>Shoulder flexion</i>	Unable to lift weight even compensation 1 kg with	Able to lift 1 kg weight with compensation	Able to lift 1kg weight without compensation	LBC	LBC
TOTAL score for each / one side						

