

**GMFM-66- B&C (BASAL & CEILING)¹ SCORE SHEET
FOR THE GROSS MOTOR FUNCTION MEASURE (GMFM-66)**

Child's Name: _____	ID#: _____
Assessment Date: _____ year / month / day	GMFCS Level ² : <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> V
Date of Birth: _____ year / month / day	
Chronological Age: _____ year / month / day	Evaluator's Name: _____
Testing Condition (e.g., room, clothing, time, others present): _____	

The GMFM is a standardized observational instrument designed and validated to measure change in gross motor function over time in children with cerebral palsy. The scoring key is meant to be a general guideline. However, most of the items have specific descriptors for each score. It is imperative that the guidelines contained in the manual be used for scoring each item.

SCORING KEY

- 0 = does not initiate
- 1 = initiates
- 2 = partially completes
- 3 = completes
- 9 (or leave blank) = not tested (NT) [used for the GMAE-2 scoring*]

It is important to differentiate a true score of "0" (child does not initiate) from an item which is Not Tested (NT) if you are interested in using the GMFM-66 Ability Estimator (GMAE) Software.

The most accurate version of the GMFM-66 scoring program is the GMAE-3. It is included in the GMFM App+ which is available from the CanChild shop (<https://www.canchild.ca/en/shop>). The GMAE-2 is available at www.canchild.ca but is incompatible with newer computer operating systems. The GMFM-66 is only valid for use with children who have cerebral palsy tested without shoes, orthoses, or aides.

MINIMUM REQUIRED SCORING
3 consecutive "3s" as basal; 3 consecutive "0s" as ceiling
(except for potential floor and ceiling effects for children in levels V and I)
Scoring of all items between basal and ceiling
Minimum of 15 items total

USE THE SUGGESTED STARTING POINTS FOR AGE AND GMFCS AS A GUIDE ONLY

¹For an explanation of the Basal & Ceiling approach please see: Brunton, L. K., Bartlett, D. J. (2011). Validity and Reliability of Two Abbreviated Versions of the Gross Motor Function Measure. *Physical Therapy* 91: 577-588.

²GMFCS level is a rating of severity of motor function. Definitions for the GMFCS-E&R (expanded & revised) are found in Palisano, R., Rosenbaum, P., Bartlett, D., Livingston, M. (2008). Content validity of the expanded and revised Gross Motor Function Classification System. *Developmental Medicine & Child Neurology*, 50 (10), 744-50 and in the GMAE-2 scoring software. <http://motorgrowth.canchild.ca/en/GMFCS/resources/GMFCS-ER.pdf>

A LYING AND ROLLING
B SITTING
C CRAWLING AND KNEELING
D STANDING
E WALKING, RUNNING, & JUMPING

A	B	C	D	E		0	1	2	3	NT
	22.				SIT ON MAT, SUPPORTED AT THORAX: lifts head midline, maintains 10 seconds					
	21.				SIT ON MAT, SUPPORTED AT THORAX: lifts head upright, maintains 3 seconds					
10.					PR: lifts head upright					
2.					SUP: brings hands to midline, fingers one with the other					
6.					SUP: reaches out with R arm, hand crosses midline					
	18.				SUP, HANDS GRASPED BY EXAMINER: pulls self to sitting with head control					
7.					SUP: reaches out with L arm, hand crosses midline					
	23.				SIT ON MAT, ARM(S) PROPPING: maintains 5 seconds					
	24.				SIT ON MAT: maintain, arms free 3 seconds					
	25.				SIT ON MAT WITH SMALL TOY IN FRONT: leans forward, touches toy, re-erects without arm propping					
	34.				SIT ON BENCH: maintains, arms and feet free, 10 seconds					
	27.				SIT ON MAT: touches toy placed 45° behind child's L side, returns to start					
	26.				SIT ON MAT: touches toy placed 45° behind child's R side, returns to start					
	30.				SIT ON MAT: lowers to PR with control					
	39.				4 POINT: maintains, weight on hands and knees, 10 seconds					
	41.				PR: attains 4 point, weight on hands and knees					
			53.		STD: maintains, arms free, 3 seconds					
			67.		STD, 2 HANDS HELD: walks forward 10 steps					
		36.			ON THE FLOOR: attains sit on small bench					
			52.		ON THE FLOOR: pulls to STD at large bench					
	48.				SIT ON MAT: attains high KN using arms, maintains, arms free, 10 seconds					
	40.				4 POINT: attains sit arms free					
	44.				4 POINT: crawls or hitches forward 1.8 m (6')					
	43.				4 POINT: reaches forward with L arm, hand above shoulder level					
	42.				4 POINT: reaches forward with R arm, hand above shoulder level					
	31.				SIT ON MAT WITH FEET IN FRONT: attains 4 point over R side					
	37.				ON THE FLOOR: attains sit on large bench					
			65.		STD, 2 HANDS ON LARGE BENCH: cruises 5 steps to R					
	32.				SIT ON MAT WITH FEET IN FRONT: attains 4 point over L side					
			66.		STD, 2 HANDS ON LARGE BENCH: cruises 5 steps to L					
			54.		STD: holding on to large bench with one hand, lifts R foot, 3 seconds					
			59.		SIT ON SMALL BENCH: attains STD without using arms					
	45.				4 POINT: crawls reciprocally forward 1.8 m (6')					

I @ 1
 II @ 1
 III @ 1
 IV & V
 all ages

III @ 2

III @ 3
 II @ 2

III @ 4
 II @ 3
 I @ 2

II @ 4
 III @ 5
 and older

A LYING AND ROLLING
B SITTING
C CRAWLING AND KNEELING
D STANDING
E WALKING, RUNNING, & JUMPING

A	B	C	D	E		0	1	2	3	NT
			55.		STD: holding on to large bench with one hand, lifts L foot, 3 seconds					
	35.				STD: attains sit on small bench					
		46.			4 POINT: crawls up 4 steps on hands and knees/feet					
			68.		STD, 1 HAND HELD: walks forward 10 steps					
		51.			HIGH KN: KN walks forward 10 steps, arms free					
			62.		STD: lowers to sit on floor with control, arms free					
			56.		STD: maintains, arms free, 20 seconds					
			63.		STD: attains squat, arms free					
			64.		STD: picks up object from floor, arms free, returns to stand					
			61.		HIGH KN: attains STD through half KN of L knee, without arms					
			60.		HIGH KN: attains STD through half KN of R knee, without arms					
			69.		STD: walks forward 10 steps					
			70.		STD: walks forward 10 steps, stops, turns 180°, returns					
			72.		STD: walks forward 10 steps, carrying a large object with 2 hands					
			84.		STD, HOLDING 1 RAIL: walks up 4 steps, holding 1 rail, alternating feet					
			85.		STD, HOLDING 1 RAIL: walks down 4 steps, holding 1 rail, alternating feet					
			78.		STD: kicks ball with R foot					
		57.			STD: lifts L foot, arms free, 10 seconds					
			79.		STD: kicks ball with L foot					
			71.		STD: walks backward 10 steps					
		58.			STD: lifts R foot, arms free, 10 seconds					
			73.		STD: walks forward 10 consecutive steps between parallel lines 20 cm (8") apart					
			77.		STD: runs 4.5 m (15'), stops & returns					
			75.		STD: steps over stick at knee level, R foot leading					
			76.		STD: steps over stick at knee level, L foot leading					
			80.		STD: jumps 30 cm (12") high, both feet simultaneously					
			74.		STD: walks forward 10 consecutive steps on a straight line 2 cm (3/4") wide					
			81.		STD: jumps forward 30 cm (12"), both feet simultaneously					
			88.		STD ON 15 cm (6") STEP: jumps of, both feet simultaneously					
			86.		STD: walks up 4 steps, alternating feet					
			87.		STD: walks down 4 steps, alternating feet					
			82.		STD ON R FOOT: hops on R foot 10 times within a 60 cm (24") circle					
			83.		STD ON L FOOT: hops on L foot 10 times within a 60 cm (24") circle					

I @ 3
II @ 5

I @ 4

II @ 6
and older

I @ 5
and older