

## AMPUTEE MOBILITY PREDICTOR SCORING FORM

(Use for Unilateral TTA, TFA or Bilateral TTA)

PATIENT: \_\_\_\_\_

DATE: \_\_\_\_\_ AMPUTATION LEVEL: \_\_\_\_\_

1. Sitting balance: sit forward in a chair with arms folded across chest for 60s.	Cannot sit upright independently for 60s	0		
	Can sit upright independently for 60s	1		
2. Sitting reach: reach forward and grasp ruler. (Tester holds ruler 12in beyond extended arms midline to the sternum.)	Does not attempt	0		
	Cannot grasp or requires arm support	1		
	Reaches forward and successfully grasps items	2		
3. Chair to chair transfer: 2 chairs at 90°. Pt may choose direction and use their upper extremities.	Cannot do or requires physical assistance	0		
	Performs independently, but appears unsteady	1		
	Performs independently, appears to be steady and safe	2		
4. Arises from a chair: ask pt to fold arms across chest and stand. If unable, use arms or assistive device.	Unable without help (physical assistance)	0		
	Able, uses arms/assistive device to help	1		
	Able, without using arms	2		
5. Attempts to arise from a chair (stopwatch ready): if attempt in no. 4 was without arms then ignore and allow another attempt(s) without penalty.	Unable without help (physical assistance)	0		
	Able requires > 1 attempt	1		
	Able to rise 1 attempt	2		
6. Immediate standing balance (first 5s): begin timing immediately.	Unsteady (stagger, moves foot, sways)	0		
	Steady using walking aid or other support	1		
	Steady without walker or other support	2		
7. Standing balance (30s) (stopwatch ready): For item #s 7 & 8, first attempt is without assistive device. If support is required, allow after first attempt.	Unsteady	0		
	Steady but uses walking aid or other support	1		
	Standing without support	2		
8. Single-limb standing balance (stopwatch ready): time the duration of single limb standing on both the sound and prosthetic limb up to 30s. Grade the quality, not the time.  <i>Sound side _____ seconds</i>  <i>Prosthetic side _____ seconds</i>	<b>Nonprosthetic side</b>			
	Unsteady	0		
	Steady but uses walking aid or other support for 30s	1		
	Single-limb standing without support for 30s	2		
	<b>Prosthetic side *Eliminate prosthetic side for AMPnoPRO</b>			
	Unsteady	0		
	Steady but uses walking aid or other support for 30s	1		
	Single-limb standing without support for 30s	2		
	9. Standing reach: reach forward and grasp the ruler. (Tester holds ruler 12in beyond extended arm(s) midline to the sternum)	Does not attempt	0	
		Cannot grasp or requires arm support on assistive device	1	
Reaches forward and successfully grasps item no support		2		
10. Nudge test (subject at maximum position #7): with feet as close together as possible, examiner pushes firmly on subject's sternum with palm of hand 3 times (toes should rise).	Begins to fall	0		
	Stagger, grabs, catches self, or uses assistive device	1		
	Steady	2		
11. Eyes closed (at maximum position #7): if support is required grade as unsteady.	Unsteady or grips assistive device	0		
	Steady without any use of assistive device	1		
12. Picking up objects off the floor (pick up a pencil off the floor places midline 12in in front of foot).	Unable to pick up object and return to standing	0		
	Performs with some help (table, chair, walking aid, etc)	1		
	Performs independently (w/o help from object or person)	2		
13. Sitting down: ask pt to fold arms across chest and sit. If unable, use arm or assistive device.	Unsafe (misjudged distance, falls into chair)	0		
	Uses arms, assistive device, or not a smooth motion	1		
	Safe, smooth motion	2		
14. Initiation of gait (immediately after told to "go").	Any hesitancy or multiple attempts to start	0		
	No hesitancy	1		
15. Step length and height: walk a measured distance of 12ft twice (up and back). Four scores are required or 2 scores (a & b) for each leg. "Marked deviation" is defined as extreme substitute movements to permit clearing the floor.	<b>a. Swing foot *Eliminate prosthetic side for AMPnoPRO</b>			
	Does not advance a minimum of 12in	0		
			Prosthesis	
	Advances a minimum of 12in	1		
			Sound	
	<b>b. Foot Clearance *Eliminate prosthetic side for AMPnoPRO</b>			
	Foot does not completely clear floor without deviation	0		
			Prosthesis	
	Foot completely clears floor without marked deviation	1		
			Sound	

16. Step continuity.	Stopping or discontinuing between steps (stop & go gait)	0	
	Steps appear continuous	1	
17. Turning: 180° turn when returning to chair.	Unable to turn, requires intervention to prevent falling	0	
	Greater than 3 steps but completes task w/o intervention	1	
	No more than 3 continuous steps with or w/o assistive aid	2	
18. Variable cadence: walk a distance of 12ft fast as safely as possible 4 times. (Speeds may vary from slow to fast and fast to slow, varying cadence.)	Unable to vary cadence in a controlled manner	0	
	Asymmetrical increase in cadence controlled manner	1	
	Symmetrical increase in speed in a controlled manner	2	
19. Stepping over obstacle: place a movable box of 4in in height in the walking path.	Cannot step over the box	0	
	Catches foot, interrupts stride	1	
	Steps over without interrupting stride	2	
20. Stairs (must have at least 2 steps): try to go up and down these stairs w/o holding on to the railing. Don't hesitate to permit pt to hold onto rail. Safety first, if examiner feels that any risk is involved omit and score as 0.	<b>Ascending</b>		
	Unsteady, cannot do	0	
	One step at a time, or must hold on to railing or device	1	
	Steps over step, does not hold onto the railing or device	2	
	<b>Descending</b>		
	Unsteady, cannot do	0	
One step at a time, or must hold on to railing or device	1		
Steps over step, does not hold onto the railing or device	2		
21. Assistive device selection: add points for the use of an assistive device if used for 2 or more items. If testing w/o prosthesis use of appropriate assistive device is mandatory.	Bed Bound	0	
	Wheelchair	1	
	Walker	2	
	Crutches (axillary or forearm)	3	
	Cane (straight or quad)	4	
	None	5	
<b>Total Score</b>		<b>0</b>	

**\*\*\*The AMP is the first clinically feasible, reliable, and valid instrument available for objectivity measuring function in amputee subjects both before and after prosthetic fitting. Because it provides objective information on the amputee subject's ability to ambulate, it can help the clinician prescribe the most appropriate prosthetic components to achieve an optimal gait.**  
**Source: Robert S. Galley, PhD, PT**

**K LEVEL (converted from AMP score)**

AMPnoPRO  K0 (0-8)  K1 (9-20)  K2 (21-28)  K3 (29-36)  K4 (37-43)  
 AMPPRO  K0 (n/a)  K1 (15-26)  K2 (27-36)  K3 (37-42)  K4 (43-47)

<b>K-Level 0</b>	Does not have the ability or potential to ambulate or transfer safely with or without assistance, and a prosthesis does not enhance quality of life or mobility.
<b>K-Level 1</b>	Has the ability or potential to use a prosthesis for transfers or ambulation in level surfaces at a fixed cadence. Typical of the limited and unlimited household ambulator.
<b>K-Level 2</b>	Has the ability or potential for ambulation with the ability to transverse low-level environmental barriers such as curbs, stairs, or uneven surfaces. Typical of the limited community ambulator.
<b>K-Level 3</b>	Has the ability or potential for ambulation with variable cadence. Typical of the community ambulator who has the ability to transverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic use beyond simple locomotion.
<b>K-Level 4</b>	Has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress, or energy levels. Typical of the prosthetic demands of the child, active adult, or athlete.

**TEST ADMINISTERED BY:** \_\_\_\_\_

**SIGNATURE:** \_\_\_\_\_  
 (w/credentials)

**DATE:** \_\_\_\_\_

**PRINTED NAME & TITLE:** \_\_\_\_\_