

K-PAVET™

K-Level Patient Assessment Validation Evaluation Tool

ACTIVITIES OF DAILY LIVING EVALUATION					
To accomplish Activities of Daily Living the patient requires the ability to:	Never	Rarely	3-4 times a month	3-4 times a week	Daily
1. Walk with variable cadence (CS)	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
2. Walk a distance greater than 400 yards (CS)	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
3. Walk on uneven terrain (gravel, grass, curbs)	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
4. Walk up and down stairs	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
5. Walk up and down ramps	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
6. Carry or lift items	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
7. Walk in public areas or crowds(CS)	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
8. Get in and out of a car	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
9. Bend, kneel or stoop	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
10. Walk, stand or work in confined areas	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
FUNCTIONAL CAPABILITIES					
Patient can:	Not possible	Potential	Exhibits ability to accomplish	Can accomplish	Presently does daily
11. Transfer without assistive devices	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
12. Ambulate on level surfaces at fixed cadence	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
13. Traverse low level environmental barriers	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
14. Ambulate with variable cadence (CS)	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
15. Ambulate at a faster than baseline rate (CS)	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
LIMB STRENGTH					
Patient Limb/Joint Strength:	None	Trace	Minimal	Moderate	Normal
16. Right side hip extension	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
17. Left side hip extension	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
18. Right side knee extension <i>(AK on Right side... score 0)</i>	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
19. Left side knee extension <i>(AK on Left side... score 0)</i>	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
20. Sound side ankle plantar/dorsi flexion <i>(Bilateral AK or AK/BK patient... score 0)</i>	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4

ADL Score: _____	Functional Score: _____	Limb Strength Score: _____	K-PAVET Score _____
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Functional Level LEGEND	K0	K1	K2	K2 or K3*	K3
	<20	21-44	45-54	55-65*	66 and Over

Clinician Name

Signature

Date

1. CS = Cadence Sub-score
2. Score 55-65 requires additional evaluation to establish patient's potential for K3 consideration.
3. K- PAVET™ score does not identify nor confirm Functional Level K4.
4. Functional K4 is established upon identifying specific and unique demands that exceed normal Activities of Daily Living.

K-PAVET™ Guide

1. Activities of Daily Living questions (1-10):

- Identify the **realistic and reasonable ADL tasks** the patient will **logically expected and required to perform**. This is especially important for an individual that does not have a prosthesis.

Example: 30-year old construction worker has a recent trauma and does not have a prosthesis. If it is a **reasonable expectation** that patient will go back to work in construction, for questions #1-10, patient would most likely score 4 for each category.

Example: 30-year old patient accountant who works out of an apartment in the city and does not own a car. The patient does not yet have a prosthesis. For questions # 1-10, unless the patient has very specific exercise demands, it would be highly unlikely that the patient would score 4 on many of the categories; most scores would be 3 or 2.

Example: 70- year old patient has a prosthesis and is capable of walking on ramps and stairs **but** lives full time in a nursing home that does not have any ramps or stairs. On questions #4 and #5 the patient would score 1 since the patient has no access or need to use ramps and stairs. In addition, since the patient lives in a nursing home, the likely hood of leaving the home on a daily basis is highly remote so questions #8 would also most likely be a 1 or 2

2. Functional Mobility questions (11-15):

- Focus on activities the patient is **currently capable of doing**. For individuals without a prosthesis, questions #12-15 can be scored with using a walker or crutches.

Example: Patient is currently wearing a prosthesis, questions #11-15 are scored based upon the patient's functional abilities as demonstrated during the evaluation. Scores will be between 0-4 based upon patient's ability.

Example: Patient has a Left Trans Tibial Amputation and does not have a prosthesis. Questions #12-15 can be scored with the patient using a walker or crutches. Scores to be based upon the patient's functional abilities as demonstrated during the evaluation and between 0-4 based upon patient's ability.

Example: Patient has bilateral Trans Tibial amputations and does not have prosthesis. Questions #12-15 are based upon observations and opinion of the clinician. Expected scores to be between 0-2 based upon the clinical opinion and observations of the clinician.

3. Physical Capabilities questions (16-20):

- Focus on muscle activity in the lower limb(s) as demonstrated during the evaluation:

None = 0	Trace = 1	Minimal = 2	Moderate = 3	Normal = 4
<i>No muscle Activity</i>	<i>muscle twitch or palpable contraction</i>	<i>muscle contraction is weak, unable to support or move limb against gravity</i>	<i>muscle contraction is functional, joint moves against gravity but muscle takes minimal resistance;</i>	<i>muscle contraction is strong, joint moves against gravity and muscle takes maximal resistance.</i>

Microprocessor Knee K-PAVET Legend

K-PAVET™ Score	Cadence Sub-Score	K Level	K-PAVET Guidelines for Microprocessor Knee
<20	NA	K0	Not a candidate for prosthetic intervention
21-44	NA	K1	Household Ambulator
45-54	NA	K2	Limited Community Ambulator Microprocessor Knee not within functional compliance for variable cadence
55-65	0-20	K2 or K3	K-PAVET inconclusive to validate functional level K3 activity. Additional evaluation by qualified health care professional required to establish patient's potential for K3 variable cadence consideration.
66 and Over	14 or below	K3	Unlimited Community ambulator with focus on stability. Stance phase only and may be considered medically necessary (e.g., OttoBock Compact™).
66 and Over	15 or above	K3	Unlimited Community ambulator with focus on variable cadence. Swing-and-stance phase and may be considered medically necessary (e.g., OttoBock C-Leg®, Ossur Rheo™, Endolite Orion™, Freedom Innovation Plie).