VEDGE: Areas of assessment		
Body Structure & Function	Activity	Participation
Dizziness	Balance / falls	Community Function
Muscle Performance	Gait	Driving
Sensory Integration	High Level Mobility	Health & Wellness
Somatosensation	Transfers	Home Management
Spatial Orientation		Leisure / Recreation Activities
Vertigo		Life Satisfaction
VOR / Gaze Stability		Quality of Life
		Role Function
		Shopping
		Social Function
		Work

## **VEDGE Rating Scale**

- **4 = Highly Recommended:** excellent psychometric properties and clinical utility <u>AND</u> is free or reasonably accessible to the broad community of providers
- **3 = Recommended:** good psychometric properties and good clinical utility <u>OR</u> has excellent psychometric properties and clinical utility however, it is not free and may require access to specialized testing equipment that is beyond the means of many clinicians or clinics
- **2 = Reasonable to Recommend at this time:** adequate to good psychometric properties and clinical utility, however is not free and may require access to specialized testing equipment that is beyond the means of many clinicians <u>OR</u> has been validated in other patient populations but not in persons with vestibular deficits <u>OR</u> has only adequate clinical utility
- 1 = Not Recommended: poor psychometric properties OR poor clinical utility

Acute: 0-6 weeks		
*Highly Recommended		
Recommended (3 or 4)	Reasonable to Recommend (2)	Unable to Recommend at this time (1)
Static Postural Stability:	Static Postural Stability:	Static Postural Stability:
•	<ul> <li>Berg Balance Scale</li> <li>Functional Reach Test</li> <li>Modified Functional Reach Test</li> <li>CTSIB</li> <li>mCTSIB</li> <li>Balance Error Systems Score</li> <li>Balance Evaluation Systems Test (BEST)</li> <li>Balance Evaluation Systems Test (Mini BEST)</li> <li>Sharpened Rhomberg</li> <li>Sensory Organization Test (Neurocom)</li> <li>Unipedal Stance Test</li> </ul>	• Rhomberg
Dynamic Postural Stability:	Dynamic Postural Stability:	Dynamic Postural Stability:
4 Square Step Test	Functional Gait Assessment	Fukuda Stepping Test (Unterberger
Dynamic Gait Index *	Timed Up and Go Test (TUG)	Step Test)
	<ul> <li>Timed Up and Go Test – Dual Task (Dual Task TUG)</li> <li>10 Meter Walk Test</li> <li>5x Sit to Stand</li> <li>30-Second Chair Stand</li> </ul>	
Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:
<ul> <li>Dynamic Visual Acuity (Instrumented)</li> <li>Head Impulse Test / Head Thrust Test</li> </ul>	<ul> <li>Dynamic Visual Acuity (Non- Instrumented)</li> <li>Gaze Stabilization Test (Neurocom)</li> </ul>	•

	Head Shaking Nystagmus Test	
Positional Testing:  • Dix-Hallpike*	Positional Testing:	Positional Testing:  Deep-Head Hanging Seated Cervical Rotation Test
	<ul><li>Joint Position Error Test</li><li>Motion Sensitivity Quotient</li></ul>	
<ul> <li>Function / Participation:         <ul> <li>Activities-Specific Balance Confidence Scale</li> <li>Dizziness Handicap Inventory *</li> </ul> </li> </ul>	<ul> <li>Function / Participation:         <ul> <li>Vertigo Handicap Questionnaire (VHQ)</li> <li>Vestibular Disorders Activities of Daily Living Scale (VADL)</li> <li>Vestibular Rehabilitation Benefit Questionnaire (VRBQ)</li> <li>UCLA Dizziness Questionnaire (UCLADQ)</li> <li>Vestibular Activities and Participation (VAP)</li> <li>Disability Rating Scale (DRS)</li> </ul> </li> </ul>	•
Symptom Severity Scale:	Symptom Severity Scale:	Symptom Severity Scale:
•	<ul><li>Visual Analog Scale (VAS)</li><li>Vertigo Symptom Scale (VSS)</li><li>Visual Vertigo Analogue Scale (VVAS)</li></ul>	•

Chronic: >6 weeks		
*Highly Recommended		
Recommended (3 or 4)	Reasonable to Recommend (2)	Unable to Recommend at this time (1)
Static Postural Stability:	Static Postural Stability:	Static Postural Stability:
•	<ul> <li>Berg Balance Scale</li> <li>Functional Reach Test</li> <li>Modified Functional Reach Test</li> <li>CTSIB</li> <li>mCTSIB</li> <li>Balance Error Systems Score</li> <li>Balance Evaluation Systems Test (BEST)</li> <li>Balance Evaluation Systems Test (Mini BEST)</li> <li>Sharpened Rhomberg</li> <li>Sensory Organization Test (Neurocom)</li> <li>Head Shake Sensory Organization test</li> </ul>	Balance Error Systems Score     Rhomberg
<u>Dynamic Postural Stability:</u>	Dynamic Postural Stability:	Dynamic Postural Stability:
4 Square Step Test	<ul> <li>Timed Up and Go Test (TUG)</li> </ul>	<ul> <li>Fukuda Stepping Test (Unterberger</li> </ul>
Dynamic Gait Index *	<ul> <li>Timed Up and Go Test – Dual Task</li> </ul>	Step Test)
<ul> <li>Functional Gait Assessment *</li> </ul>	(Dual Task TUG)	
	10 Meter Walk Test	
	• 5x Sit to Stand	
	30-Second Chair Stand	
Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:
Dynamic Visual Acuity (Instrumented)	<ul> <li>Dynamic Visual Acuity (Non-</li> </ul>	•
Head Impulse Test / Head Thrust Test	Instrumented)	
	<ul> <li>Gaze Stabilization Test (Neurocom)</li> </ul>	
	<ul> <li>Head Shaking Nystagmus Test</li> </ul>	
Positional Testing:	Positional Testing:	Positional Testing:
Dix-Hallpike*	Roll Test	Deep-Head Hanging

	<ul> <li>Sidelying Test</li> <li>Bow and Lean Test</li> <li>Subjective Visual Vertical (Bucket Test)</li> <li>Joint Position Error Test</li> </ul>	<ul> <li>Subjective Visual Vertical (Bucket Test)</li> <li>Seated Cervical Rotation Test</li> </ul>
	<ul> <li>Motion Sensitivity Quotient</li> </ul>	
Function / Participation:	Function / Participation:	Function / Participation:
<ul> <li>Activities-Specific Balance Confidence Scale</li> <li>Dizziness Handicap Inventory *</li> </ul>	<ul> <li>Vertigo Handicap Questionnaire         (VHQ)</li> <li>Vestibular Disorders Activities of         Daily Living Scale (VADL)</li> <li>Vestibular Rehabilitation Benefit         Questionnaire (VRBQ)</li> <li>UCLA Dizziness Questionnaire         (UCLADQ)</li> <li>Vestibular Activities and Participation         (VAP)</li> <li>Disability Rating Scale (DRS)</li> </ul>	•
Symptom Severity Scale:	Symptom Severity Scale:	Symptom Severity Scale:
•	<ul> <li>Visual Analog Scale (VAS)</li> <li>Vertigo Symptom Scale (VSS)</li> <li>Visual Vertigo Analogue Scale (VVAS)</li> </ul>	•

Diagnostic Category: Peripheral		
*Highly Recommended		
Recommended (3 or 4)	Reasonable to Recommend (2)	Unable to Recommend at this time (1)
Static Postural Stability:	Static Postural Stability:	Static Postural Stability:
•	<ul> <li>Berg Balance Scale</li> <li>Functional Reach Test</li> <li>Modified Functional Reach Test</li> <li>CTSIB</li> <li>mCTSIB</li> <li>Balance Error Systems Score</li> <li>Balance Evaluation Systems Test (BEST)</li> <li>Balance Evaluation Systems Test (Mini BEST)</li> <li>Romberg</li> <li>Sharpened Romberg</li> <li>Sensory Organization Test (Neurocom)</li> <li>Head Shake Sensory Organization test (Neurocom)</li> <li>Unipedal Stance Test</li> </ul>	Balance Error Systems Score
Dynamic Postural Stability:	Dynamic Postural Stability:	Dynamic Postural Stability:
<ul> <li>4 Square Step Test</li> <li>Dynamic Gait Index *</li> <li>Functional Gait Assessment *</li> <li>Timed Up and Go Test (TUG)</li> </ul>	<ul> <li>Timed Up and Go Test – Dual Task (Dual Task TUG)</li> <li>10 Meter Walk Test</li> <li>5x Sit to Stand</li> <li>30-Second Chair Stand</li> </ul>	Fukuda Stepping Test (Unterberger Step Test)
Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:
Dynamic Visual Acuity (Instrumented)	Dynamic Visual Acuity (Non-	•

\_

	to stores and add	
Head Impulse Test / Head Thrust Test	Instrumented)	
	Gaze Stabilization Test (Neurocom)	
	<ul> <li>Head Shaking Nystagmus Test</li> </ul>	
Positional Testing:	Positional Testing:	Positional Testing:
•	Dix-Hallpike	<ul> <li>Sidelying Test</li> </ul>
	Roll Test	Bow and Lean Test
	Subjective Visual Vertical (Bucket)	Deep-Head Hanging
	Test)	
	Motion Sensitivity Quotient	
Function / Participation:	Function / Participation:	Function / Participation:
Dizziness Handicap Inventory *	Activities-Specific Balance Confidence	•
	Scale	
	Vertigo Handicap Questionnaire	
	(VHQ)	
	Vestibular Disorders Activities of	
	Daily Living Scale (VADL)	
	Vestibular Rehabilitation Benefit	
	Questionnaire (VRBQ)	
	UCLA Dizziness Questionnaire	
	(UCLADQ)	
	<ul> <li>Vestibular Activities and Participation</li> </ul>	
	(VAP)	
	<ul><li>Disability Rating Scale (DRS)</li></ul>	
Symptom Severity Scale:	Symptom Severity Scale:	Symptom Severity Scale:
•	Visual Analog Scale (VAS)	•
	Vertigo Symptom Scale (VSS)     Visual Vertigo Angle Sue Scale (VASS)	
	<ul> <li>Visual Vertigo Analogue Scale (VVAS)</li> </ul>	

Diagnostic Category: Central		
*Highly Recommended		
Recommended (3 or 4)	Reasonable to Recommend (2)	Unable to Recommend at this time (1)
Static Postural Stability:	Static Postural Stability:	Static Postural Stability:
•	Berg Balance Scale	•
	<ul> <li>Functional Reach Test</li> </ul>	
	<ul> <li>Modified Functional Reach Test</li> </ul>	
	CTSIB	
	mCTSIB	
	Balance Error Systems Score	
	Balance Evaluation Systems Test	
	(BEST)	
	Balance Evaluation Systems Test	
	(Mini BEST)	
	Romberg	
	Sharpened Romberg	
	Sensory Organization Test	
	(Neurocom)	
	Head Shake Sensory Organization	
	test (Neurocom)	
D . D . 10. 139	Unipedal Stance Test	D 10 10 100
Dynamic Postural Stability:	Dynamic Postural Stability:	Dynamic Postural Stability:
4 Square Step Test	Timed Up and Go Test – Dual Task     (Dual Task TUC)	Fukuda Stepping Test (Unterberger  Chara Test)
Dynamic Gait Index *     Supplies of Cait Assessment *	(Dual Task TUG)	Step Test)
• Functional Gait Assessment *	• 10 Meter Walk Test	
Timed Up and Go Test (TUG)	• 5x Sit to Stand	
Gaze Stabilization / VOR / Otolith Function:	• 30-Second Chair Stand	Cara Stabilization / VOD / Otalith Function
	Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:
Dynamic Visual Acuity (Instrumented)	<ul> <li>Dynamic Visual Acuity (Non- Instrumented)</li> </ul>	
	Gaze Stabilization Test (Neurocom)	
	Head Shaking Nystagmus Test	
	Head Impulse Test / Head Thrust Test	
	nead impulse rest / nead mirdst rest	

Positional Testing:	Positional Testing:	Positional Testing:
•	Dix-Hallpike	Sidelying Test
	Roll Test	Bow and Lean Test
	<ul> <li>Subjective Visual Vertical (Bucket</li> </ul>	Deep-Head Hanging
	Test)	
	<ul> <li>Motion Sensitivity Quotient</li> </ul>	
Function / Participation:	Function / Participation:	Function / Participation:
<ul> <li>Dizziness Handicap Inventory *</li> </ul>	Activities-Specific Balance Confidence	•
	Scale	
	<ul> <li>Vertigo Handicap Questionnaire</li> </ul>	
	(VHQ)	
	<ul> <li>Vestibular Disorders Activities of</li> </ul>	
	Daily Living Scale (VADL)	
	<ul> <li>Vestibular Rehabilitation Benefit</li> </ul>	
	Questionnaire (VRBQ)	
	<ul> <li>UCLA Dizziness Questionnaire</li> </ul>	
	(UCLADQ)	
	Vestibular Activities and Participation	
	(VAP)	
	Disability Rating Scale (DRS)	
Symptom Severity Scale:	Symptom Severity Scale:	Symptom Severity Scale:
•	<ul> <li>Visual Analog Scale (VAS)</li> </ul>	•
	<ul> <li>Vertigo Symptom Scale (VSS)</li> </ul>	
	<ul> <li>Visual Vertigo Analogue Scale (VVAS)</li> </ul>	

Diagnostic Category: BPPV		
*Highly Recommended		
Recommended (3 or 4)	Reasonable to Recommend (2)	Unable to Recommend at this time (1)
Static Postural Stability:	Static Postural Stability:	Static Postural Stability:
•	<ul> <li>Berg Balance Scale</li> <li>Functional Reach Test</li> <li>Modified Functional Reach Test</li> <li>CTSIB</li> <li>mCTSIB</li> <li>Balance Error Systems Score</li> <li>Balance Evaluation Systems Test (BEST)</li> <li>Balance Evaluation Systems Test (Mini BEST)</li> <li>Romberg</li> <li>Sharpened Romberg</li> <li>Sensory Organization Test (Neurocom)</li> <li>Head Shake Sensory Organization test (Neurocom)</li> <li>Unipedal Stance Test</li> </ul>	Balance Error Systems Score
Dynamic Postural Stability:	Dynamic Postural Stability:	Dynamic Postural Stability:
4 Square Step Test	<ul> <li>Dynamic Gait Index</li> <li>Functional Gait Assessment</li> <li>Timed Up and Go (TUG)</li> <li>Timed Up and Go Test – Dual Task (Dual Task TUG)</li> <li>10 Meter Walk Test</li> <li>5x Sit to Stand</li> <li>30-Second Chair Stand</li> </ul>	Fukuda Stepping Test (Unterberger Step Test)
Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:
•	<ul><li>Dynamic Visual Acuity (Instrumented)</li><li>Dynamic Visual Acuity (Non-</li></ul>	Head Shaking Nystagmus Test

	Instrumented)	
	Gaze Stabilization Test (Neurocom)	
Positional Testing:	Positional Testing:	Positional Testing:
Dix-Hallpike*	<ul> <li>Roll Test</li> <li>Sidelying Test</li> <li>Bow and Lean Test</li> <li>Subjective Visual Vertical (Bucket Test)</li> </ul>	Deep-Head Hanging
	Motion Sensitivity Quotient	
Function / Participation:	Function / Participation:	Function / Participation:
Dizziness Handicap Inventory *	<ul> <li>Activities-Specific Balance Confidence Scale</li> <li>Vertigo Handicap Questionnaire (VHQ)</li> <li>Vestibular Disorders Activities of Daily Living Scale (VADL)</li> <li>Vestibular Rehabilitation Benefit Questionnaire (VRBQ)</li> <li>UCLA Dizziness Questionnaire (UCLADQ)</li> <li>Vestibular Activities and Participation (VAP)</li> <li>Disability Rating Scale (DRS)</li> </ul>	•
Symptom Severity Scale:	Symptom Severity Scale:	Symptom Severity Scale:
•	<ul><li>Visual Analog Scale (VAS)</li><li>Vertigo Symptom Scale (VSS)</li><li>Visual Vertigo Analogue Scale (VVAS)</li></ul>	•

Diagnostic Category: Other		
*Highly Recommended		
Recommended (3 or 4)	Reasonable to Recommend (2)	Unable to Recommend at this time (1)
Static Postural Stability:	Static Postural Stability:	Static Postural Stability:
•	Berg Balance Scale	Balance Error Systems Score
	<ul> <li>Functional Reach Test</li> </ul>	
	<ul> <li>Modified Functional Reach Test</li> </ul>	
	CTSIB	
	mCTSIB	
	<ul> <li>Balance Evaluation Systems Test</li> </ul>	
	(BEST)	
	<ul> <li>Balance Evaluation Systems Test</li> </ul>	
	(Mini BEST)	
	<ul> <li>Romberg</li> </ul>	
	<ul> <li>Sharpened Romberg</li> </ul>	
	Sensory Organization Test	
	(Neurocom)	
	Head Shake Sensory Organization	
	test (Neurocom)	
	Unipedal Stance Test	
<b>Dynamic Postural Stability:</b>	Dynamic Postural Stability:	Dynamic Postural Stability:
•	4 Square Step Test	<ul> <li>Fukuda Stepping Test (Unterberger</li> </ul>
	Dynamic Gait Index	Step Test)
	Functional Gait Assessment	
	Timed Up and Go (TUG)	
	Timed Up and Go Test – Dual Task	
	(Dual Task TUG)	
	10 Meter Walk Test	
	• 5x Sit to Stand	
	30-Second Chair Stand	
Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:	Gaze Stabilization / VOR / Otolith Function:
•	Dynamic Visual Acuity (Instrumented)	<ul> <li>Head Shaking Nystagmus Test</li> </ul>
	Dynamic Visual Acuity (Non-	

Positional Testing:  •	Instrumented)     Gaze Stabilization Test (Neurocom)  Positional Testing:     Dix-Hallpike     Roll Test     Joint Position Error Test     Motion Sensitivity Quotient	Positional Testing:  Sidelying Test Bow and Lean Test Subjective Visual Vertical (Bucket Test) Seated Cervical Rotation Test
Function / Participation:  • Dizziness Handicap Inventory *	<ul> <li>Function / Participation:         <ul> <li>Activities-Specific Balance Confidence Scale</li> <li>Vertigo Handicap Questionnaire (VHQ)</li> <li>Vestibular Disorders Activities of Daily Living Scale (VADL)</li> <li>Vestibular Rehabilitation Benefit</li> </ul> </li> </ul>	Function / Participation:  •
	<ul> <li>Questionnaire (VRBQ)</li> <li>UCLA Dizziness Questionnaire (UCLADQ)</li> <li>Vestibular Activities and Participation (VAP)</li> <li>Disability Rating Scale (DRS)</li> </ul>	
Symptom Severity Scale:  •	<ul> <li>Symptom Severity Scale:</li> <li>Visual Analog Scale (VAS)</li> <li>Vertigo Symptom Scale (VSS)</li> <li>Visual Vertigo Analogue Scale (VVAS)</li> </ul>	Symptom Severity Scale:  •