

Outcome Measure	Herth Hope Scale (HHS)
Sensitivity to Change	Unknown
Population	Adult
Domain	Measures of Self
Type of Measure	Self-report
ICF-Code/s	e4
Description	<p>Herth Hope Scale (HHS) is a measure that attempts to capture the multidimensional aspects of hope. This is a 4-point summated rating scale. Each item in the 30-item instrument is scored on a scale from 0 to 3, a score of 3 indicates that the item often applies and a score of 0 indicates that the statement never applies to the respondent. Summative scores can range from 0 to 90; higher scores denote greater hope. In terms of item order, no two consecutive items are from the same subscale.</p> <p>The subscales include:</p> <ol style="list-style-type: none"> (1) temporality and future, (2) positive readiness and expectancy, (3) interconnectedness <p>12 item version (Herth, 1992) Herth Hope Index (HHI) Validated on 172 ill adults Alpha coefficient was .97 with a 2-week test-retest reliability of .91. Criterion-related validity was established by correlating the HHI with the parent HHS ($r = 0.92$), the Existential Well-Being Scale ($r = .84$) and the Nowotny Hope Scale ($r = .81$), Hopelessness Scale ($r = -.73$). Construct validity was supported through the factorial isolation of three factors, accounting for 41% of total variance.</p> <p>(a) <u>Temporality and future</u>: Presence of goals, Positive outlook on life, Each day has potential, Scared about the future</p> <p>(b) <u>Positive readiness and expectancy</u>: See a light at the end of tunnel, A sense of direction, Life has value and worth, Recall happy/joyful times</p> <p>(c) <u>Interconnectedness</u>: Feel all alone, Faith that comforts, Deep inner strength, Give and receive love</p>
Properties	<p>The 30 items had a significant loading (0.30) on one of the three factors: (a) Temporality and Future (12 items; this factor represented the cognitive-temporal dimension of the model); (b) Positive Readiness and Expectancy (10 items; this represented the affective-behavioral dimension); and (c) Interconnectedness (10 items; this represented the affective-contextual dimension). Alpha coefficients for each subscale were: Factor I - temporality and future, .89; Factor II - positive readiness and expectancy, .85; Factor III - interconnectedness, .84. This same structure was supported in a second study with internal consistency being: Factor I = .91; Factor II = .90; and, Factor III = .87. Factor I and II had the highest intercorrelation with an r of .48. The correlation between Factors I and III was .27, and that between II and III was $r = .20$.</p>

	In well adults, three-week test-retest reliability of 0.90 (N = 40). As expected, a negative correlation was obtained between the HHS and Beck's Hopelessness Scale (Beck, Weissman, Lester, & Trexler, 1974), $r = -0.74$. In the elderly (mean age 72 years), Cronbach's alpha was .94, and a three-week test-retest reliability for 20 randomly selected participants was .89. A negative correlation ($r = -.69$, $p = .01$) was demonstrated between the HHS and the Beck's Hopelessness Scale.
Advantages	Option for abbreviated version that has good psychometric properties. I like the predominantly positive phrasing of items.
Disadvantages	Unsure who recommended this scale, as it hasn't been used much in TBI.
Additional Information	The BHS has been used and has shown sensitivity to change in response to a hopelessness intervention (Simpson & Tate, 2002; Simpson et al., 2011) Test-retest for BHS (3 weeks) was .85 (ICC) in TBI sample (2002). Simpson & Tate (2002) recommend assessment of hopelessness as part of a suicide risk assessment of people with TBI (i.e., interrelated triad of hopelessness, suicide ideation and post-injury suicide attempts).
Reviewers	Tamara Ownsworth

References

Herth K. (1991). Development and refinement of an instrument to measure hope. *Sch Inq Nurs Pract.* Spring;5(1):39-51; discussion 53-6.