

Duke Health Profile (The DUKE)

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The Duke Health Profile (The DUKE) contains six health measures which are physical, mental, social, general, perceived health, and self-esteem. Anxiety, depression, pain, and disability make up the four dysfunction measurements. This 17-item instrument was derived from the 63-item Duke-UNC Health Profile instrument. The Duke Health Profile (The Duke) is used as a brief technique for measuring health as an outcome of medical intervention and health promotion.

This self-administered instrument features a raw item scoring on a scale of 0 to 100. High scores indicate good health.

Author

[Parkerson, George R. Jr.](#), Broadhead, W. E., and Tse, Chiu-Kit J.

To Access this Instrument

[Duke Health Profile \(The DUKE\)](#)

Reliability and Validity

The reliability and validity of this instrument was initially assessed when the instrument was put together by using data of the original DUHP studies. The reliability for the measures of physical, mental health, social, and self-esteem. Cronbach's alpha ranged from .55 to .78 and test-retest ranged from .30 to .78. For validity the correlation of the Duke with the DUHP, with sociodemographic characteristics and with other measures support the validity of the Duke Health Profile (The DUKE).

Both the internal consistency (Cronbach's alpha) and temporal stability (test-retest) testing have supported reliability of the DUKE. Schuntermann's study showed the comparison of scores between patient groups that have different clinical diagnostic profiles and severity of illness. The validity of the DUKE Health Profile is supported by the scores and prediction of health related outcomes from those patient groups. When comparing with other instruments, convergent and discriminant validity have been shown.

Administration, Analysis and Reporting

Statistics Solutions consists of a team of professional methodologists and statisticians that can assist the student or professional researcher in administering the survey instrument, collecting the data, conducting the analyses and explaining the results.

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Dissertations that have used the Duke Health Profile (The DUKE)

Metz, Cara L. 2012. *The Effects of Mental Health and Physical Health on Job Satisfaction in the Mental Health Field*. (University of Cincinnati).

References

Broadhead, W. E., Parkerson, GR. Jr, and Tse, 28 November 1990. C. K. *The Duke Health Profile. A 17-item Measurement of Health and Dysfunction*. Duke University Medical Center.

Schuntermann, M. F. February 1997. *The Duke Health Profile [DUKE]*.
