

# New score measures health-related quality of life in patients with kidney failure

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Results from a new study support the validity of a score that considers various patient-reported measures and preferences for assessing health-related quality of life and promoting patient-centered care in individuals with kidney failure. The study appears in an upcoming issue of *CJASN*.

The score, called the Patient Reported Outcomes Measurement Information System (PROMIS)-Preference (PROPr) Summary Score, is determined from 7 domains: cognitive function, depression, fatigue, pain interference, physical functioning, sleep disturbance, and ability to participate in [social roles](#).

When investigators led by Istvan Mucsi, MD, Ph.D. and Jing Zhang BSc, MPH (University Health Network and University of Toronto) correlated PROPr with other health-related measures, their findings supported the validity of PROPr among 524 patients who were undergoing hemodialysis or who had recently received kidney transplants.

"Up to 70% of patients with [kidney failure](#) experience persistent physical symptoms and emotional distress that substantially impair health-related quality of life. These concerns are under-reported, under-recognized and under-managed," said Dr. Mucsi. "Our results open the doors for the use of PROPr and PROMIS tools in nephrology research and in the care of patients with kidney failure."

**More information:** Jing Zhang et al, Evaluation of PROMIS Preference Scoring System (PROPr) in Patients Undergoing Hemodialysis or Kidney Transplant, *Clinical Journal of the American Society of Nephrology* (2021). [DOI: 10.2215/CJN.01880221](https://doi.org/10.2215/CJN.01880221)

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