



PRESS RELEASE

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NEW SCORE MEASURES HEALTH-RELATED QUALITY OF LIFE IN PATIENTS WITH KIDNEY FAILURE

Highlights

- The results of a new study support the validity of a score that considers various patient-reported outcome measures and preferences for assessing health-related quality of life in individuals with kidney failure.
- The score is calculated from assessments of cognitive function, depression, fatigue, pain interference, physical functioning, sleep disturbance, and ability to participate in social roles

Washington, DC (July 16, 2021) — 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, PhD 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.”

Study co-authors include Ron D. Hays, PhD, Janel Hanmer, MD, PhD, Barry Dewit, PhD, John Devin Peipert, PhD, Evan Tang, BSc, Daniel Breitner, BSc, Mohammed Saqib, BSc, Dan Li, BSc, Rabail Siddiqui, BSc, Nathaniel Edwards, MS .

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The article, titled "Evaluation of PROMIS Preference Scoring System (PROPr) in Patients Undergoing Hemodialysis or Kidney Transplant," will appear online at <http://cjasn.asnjournals.org/> on July 16, 2021, doi: 10.2215/CJN.01880221.

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