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Predicting Clinical Outcomes using Phase Angle as Assessed by Bioelectrical Impedance Analysis in Maintenance Hemodialysis Patients

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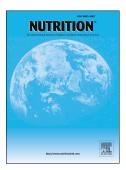
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Predicting Clinical Outcomes using Phase Angle as Assessed by Bioelectrical Impedance Analysis in

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2 **Maintenance Hemodialysis Patients** 3 4 Running title: Phase Angle in Chronic Hemodialysis Patients 5 Jung-ho Shin<sup>1</sup>, Chae Rim Kim<sup>1</sup>, Ki Hyun Park<sup>1</sup>, Jin Ho Hwang<sup>1</sup>, Su Hyun Kim<sup>1</sup> 6 7 <sup>1</sup>Division of Nephrology, Department of Internal Medicine, Chung-Ang University Hospital, Seoul, Korea 8 9 **Corresponding Author:** 10 Su Hyun Kim, MD, PhD 11 Division of Nephrology, Department of Internal Medicine, Chung-Ang University Hospital, 102, Heukseok-ro, 12 Dongjak-gu, Seoul 06973, Korea 13 Phone: 82-2-6299-1440 14 Fax: 82-2-6299-2626 15 E-mail: sh76so@cau.ac.kr

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