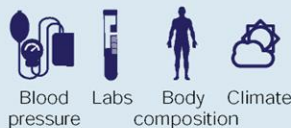


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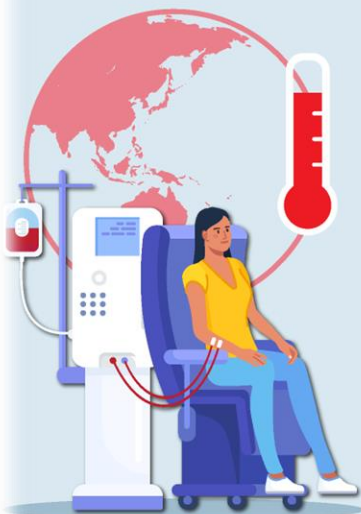
Climate warming affects body composition of patients undergoing MHD

62 MHD patients were enrolled in a study to better understand the impact of rising ambient temperature on body composition

Data collection
(2018 – 2021)



Generalized estimating
equation analysis



40 patients completed the study (22 were lost to follow up)

Observed seasonal patterns



Relative OH

Lowest in winter

L

LTI

Highest in summer

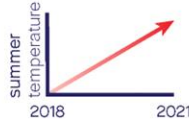
F

FTI

Lowest in summer

Observed annual patterns

Relative OH, LTI, and FTI increased or decreased with rising temperature



Relative OH

↑

L

LTI

↓

F

FTI

↑



Climate warming may contribute to fluid overload, fat gain and muscle loss

Climate surveillance is crucial for MHD patients due to their heightened vulnerability to environmental changes

Cover feature: Impacts of Climate Warming on the Body Composition of Patients Undergoing Maintenance Hemodialysis

Wen-Fang Chiang, Po-Jen Hsiao, Kun-Lin Wu, Ruei-Lin Wang, Chi-Ming Chu, Jenq-Shyong Chan



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