

# The Way Home... →

## A Scoping Review of Public Health Strategies to Increase the Utilization of Home Dialysis in Chronic Kidney Disease Patients

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### The Problem

Home Dialysis (HoD) is underutilized

### Methods

- Databases searched: Web of Science, Medline, Embase, Scopus, EBSCOhost, EconLit
- Search period: Inception to May 2024
- Study eligibility criteria:
  - Assessed effectiveness of public health interventions
  - Focused on utilization and retention rates
  - Pertained to general HoD, including PD (Peritoneal Dialysis) and HHD (Home Hemodialysis)

### Results

- Total studies screened: 25,057
- Studies included: 43
- Intervention categories:
  - Educational programs
  - Service provision improvements
  - Modifications to payment structures

### EDUCATIONAL PROGRAMS



- E.g., enhance knowledge about dialysis options, promote shared decision-making among patients, families, and healthcare providers

### SERVICE PROVISION IMPROVEMENTS



- E.g., assisted PD and nephrologist-performed catheter insertions

### MODIFICATIONS TO PAYMENT STRUCTURES



- E.g., bundling payments, PD-encouraging reimbursement schemes, and supplementary private health insurance
- Effects vary across different contexts

### TAKE-HOME MESSAGE

It is possible to enhance home dialysis utilization through education and service provision. Payment alone provides inconclusive results



Effective at Increasing Home Dialysis

Inconclusive



SCAN ME

FOR MORE INFORMATION: <https://doi.org/10.1101/2024.12.29.24319745>

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