

PROVEN: Pragmatic Trial of Video Education in Nursing Homes

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Objective

- To test the effect of an advance care planning video program on hospital transfers, burdensome treatments, and hospice enrollment among long-stay nursing home residents

Study design

- Cluster randomized trial
- 197,692 residents in 360 nursing homes in 32 states owned by 2 for-profit corporations
- 241 facilities in the control group, 119 facilities in the intervention group

Intervention

- 5 short advance care planning videos made available on tablet computers or online
- Designated champions in the intervention facilities offered residents or their proxies the opportunity to view a video on admission and every 6 months
- Control facilities used usual advance care planning practices

Outcomes

- Primary outcome: Hospital transfers per 1000 person-days alive among residents with advanced illness
- Secondary outcomes: Proportions of residents with or without advanced illness experiencing 1 or more hospital transfer, 1 or more burdensome treatment, and hospice enrollment

Results

- No significant reduction in hospital transfers per 1000 person-days alive in the intervention vs control groups
- Secondary outcomes did not significantly differ between groups among residents with and without advanced illness
- Only 912 of 4171 residents with advanced illness viewed the advance care planning videos; facility-level rates of showing the videos ranged from 0% to more than 40%