Promoting dignity, quality of life, and health outcomes for underserved populations
and addressing ethnicity and poverty effects on preferences and care

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Disclosures
Case Presentation
Community Participatory Action Methods

- Surveys from a diverse patient population
- Focus groups
- Key Informant Interviews
- Stakeholder panels of community members and experts

Funding from the Brookdale Foundation Scholars Award, Hartford/Jahnigen Research Award, Paul Beeson K23AG028957-02
What did we learn

• Key areas of focus
  • Advance care planning
  • Pain management
  • Hospice
• Core values to incorporate into an intervention
  • Familia
  • Confianza
  • Personalismo
  • Fatalismo
• Additional cultural tailoring
Patient Navigation to Improve Palliative Care Outcomes for Latinos with Advanced Illness

- Questions to be answered
  - Can it be done?
  - Does it help patients and their families?
Study Overview

- Funded by the American Cancer Society (RSG-12-182-01-PCSMB)
- Randomized Controlled Trial involving 223 Latino adults (≥ 18 years) with advanced (Stage III or IV) cancer
- Control group receives culturally tailored, linguistically appropriate materials covering the palliative care domains of interest
- Intervention receives same materials plus ~5 home visits from a patient navigator
Patient Navigator Intervention

- 5 home visits to deliver the intervention
- Culturally tailored discussions focusing on
  - Advance care planning
  - Pain and symptom management
  - Hospice
- Grounded in core Latino values
- Developed in partnership with a Community Advisory Panel
Examples of Written Materials

Hospice brochure

Advance directive

Page of pain brochure
Meet our Navigators

Rose Martinez
Alamosa

Claudia Camacho
Denver

Diane Pacheco
Western Slope

Danielle Kline
Project Manager—Supports Navigators
Accrual Figure for Apoyo con Cariño

318 referred

25 ineligible
284 agreed to meet for consenting visit

9 unable to contact

223 Enrolled and Randomized

61 refused participation

111 control

2 refused
1 unable to complete
5 unable to contact
1 withdrawal
12 deaths

112 intervention

1 refused
4 unable to complete
2 unable to contact
4 withdrawal
14 deaths

90 completed 3 month

87 completed 3 month

123 completed 3 month

11 deaths
Demographics Baseline

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean age in years</td>
<td>$58.1 \pm 14$</td>
</tr>
<tr>
<td>Female gender</td>
<td>55.6% (124)</td>
</tr>
<tr>
<td>Spanish speaking</td>
<td>47.5% (106)</td>
</tr>
<tr>
<td>US born</td>
<td>54.3% (121)</td>
</tr>
<tr>
<td>Married</td>
<td>55.6% (124)</td>
</tr>
<tr>
<td>Currently employed</td>
<td>11.8% (26)</td>
</tr>
</tbody>
</table>
Results: Advance Care Planning

- Completed advance directive on the chart: p<0.0001
- Spoke with family about future health care preferences: p<0.0001
- Spoke with health care provider about future health care decisions: p=0.001
Results: Pain Management

![Bar chart showing pain severity and interference comparison between control and intervention groups.]

- Pain Severity:
  - Control: 3.52
  - Intervention: 2.88

- Pain Interference:
  - Control: 3.83
  - Intervention: 3.36
Results: QOL

<table>
<thead>
<tr>
<th>Category</th>
<th>Control</th>
<th>Intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td>MQOL total</td>
<td>7.1</td>
<td>7.2</td>
</tr>
<tr>
<td>Emotional</td>
<td>6.8</td>
<td>7.2</td>
</tr>
<tr>
<td>Existential</td>
<td>7.9</td>
<td>8.1</td>
</tr>
<tr>
<td>Physical</td>
<td>5.8</td>
<td>6.86</td>
</tr>
<tr>
<td>Support</td>
<td>8.6</td>
<td>8.8</td>
</tr>
</tbody>
</table>
Results: Hospice and EOL Utilization-Process

![Bar chart showing results of hospice and EOL utilization process. The chart compares the percentage of respondents who would recommend hospice for a loved one in the future and those who would use hospice themselves in the future. The p-values for both categories are P = 0.0004 and P = 0.0005, indicating statistically significant differences between the control and intervention groups.]
Greatest thanks to our Apoyo family and to all of the patients who have taught us so much.