**Spreading HoPE: Helping patients and families access information about hospice through a web-based app**

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### Development Process

<table>
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<tr>
<th>1 Learning Phase</th>
<th>2 Production Phase</th>
<th>3 Review Phase</th>
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<td>We interviewed hospice providers and admissions personnel from Duke Homecare and Hospice and Transitions LifeCare to understand common questions and concerns of patients and families referred to hospice. We reviewed current hospice education materials from national and state associations and hospice education groups.</td>
<td>We developed an app workflow, wrote scripts for videos and activities, explored UI/UX designs, coded the app, and established the database infrastructure.</td>
<td>The palliative care research group at Duke, clinical staff at Duke and Transitions LifeCare, and the Patient and Family Advisory Council at Duke Homecare and Hospice provided critical feedback on app prototypes.</td>
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### Key Features of HoPE:

- HoPE is usable on desktop, tablet, and smartphone.
- At each step, animated videos introduce a topic. Patients complete activities to delineate care preferences.
- A HoPE Care Plan documenting these care preferences is generated. Patients can share this with hospice providers and family, promoting communication of goals of care.
- Institution-specific administrative portals allow hospice providers to autonomously generate login codes for patients and view patient progress and Care Plans.

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### Next Steps

- Pilot trial with Duke Homecare and Hospice and Transitions LifeCare.
- Dissemination to hospices and hospital systems.

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### Reference