Kentucky LEADS Collaborative
Survivorship Care (SC)

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Lung Cancer Distress & Symptom Burden

• Lung cancer is considered the cancer diagnosis associated with the greatest amount of distress

• Lung cancer is commonly treated with multiple modalities, creating substantial symptom burden

• Lung cancer itself causes significant symptom burden, partially due to the involvement of respiratory function
Survivorship Care (SC) Aims and Hypotheses

• We hypothesize that the Lung Cancer SC Intervention and Training program will

  – improve quality of life, better symptom control, increase tobacco treatment, and reduce distress among lung cancer survivors;

  – improve quality of life, increase tobacco treatment, and reduce distress among family members/caregivers of individuals diagnosed with lung cancer;

  – increase self-efficacy and skills in providing lung cancer survivorship care among program providers (e.g., nurses, social workers, navigators, psychologists, etc.).
Survivorship Care (SC) Team

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Consultants
Paul Jacobsen, PhD (Moffitt)
Jamie Ostroff, PhD (Memorial)

Community Advisory Board
Nancy Alvey, LuCa Survivor
Judy Kasey-Houlette
Vicki Blevins-Booth
David Gross
Jessica Lehman, PhD

Tara Schapmire (Co-I)
Barbara Head (Co-I)
Survivorship Care (SC) Intervention Guiding Principles

- **Designed for Dissemination**
  - Acceptable
  - Feasible

- **Intervention Delivery**
  - In-person, telephone, telemedicine, other

- **Interventionists**
  - Any survivorship care specialist identified by collaborating community site/cancer care program

- **Targeted and Tailored Content**
  - Lung cancer targeted
  - Patient/Caregiver tailored (survivor/provider)
  - Intervention determined by baseline assessment of survivorship concerns
Survivorship Care (SC) Survivor and Caregiver Intervention

- Building a novel psychosocial survivorship care intervention for individuals diagnosed with lung cancer and their caregivers.
SC Survivor Modules

1) Lung Cancer Basics
2) Navigating the Healthcare System
3) Coping with Pain and Addiction Concerns
4) Coping with Fatigue
5) Coping with Sleep Problems
6) Coping with Distress
7) Coping with Shortness of Breath
8) Social Support
9) Values and Decision Making
10) Healthy Living
11) Tobacco Use
12) Caregiver Concerns and Self-Care
Intervention Principles

• Partnering/Supportive Counseling Style
  – Rogerian/Motivational Interviewing
  – Coping with/addressing stigma concerns

• Shared Decision Making and a Patient-Centered Approach
  – Adaptable content that follows from assessment and patient preferences
  – Effort to maximize survivor acceptability of the intervention
Survivorship Care (SC) Specialist/Interventionist Training

• Building a companion training program to support Kentucky LEADS SC Specialists in their work as lung cancer survivorship care interventionists
Survivorship Care (SC) Implementation Sites

1. Baptist Health, Madisonville
2. Brown Cancer Center, Louisville
3. Ephraim McDowell Commonwealth Cancer Center, Danville
4. Hardin Memorial Hospital and Cancer Center, Elizabethtown
5. Hazard Appalachian Regional Healthcare, Hazard
6. King’s Daughters Medical Center, Ashland
7. Markey Cancer Center, Lexington
8. Norton Cancer Institute, Louisville
9. Owensboro Health, Owensboro
10. St. Claire Regional Medical Center, Morehead
Survivorship Care Eligibility & Accrual Process

• **Inclusion Criteria**
  – Anyone over age 18 with a diagnosis of lung cancer
  – Ability to communicate verbally in English

• **Exclusion Criteria**
  – Serious mental illness that would preclude participation
  – Substance abuse that would preclude participation

• **Accrual Process**
  – Within the standard site process
  – Preferred:
    • Oncologist recommendation → research coordinator and interventionist contact
Survivorship Care (SC) Research Agenda

- Evaluate the impact of the training program on survivorship care specialists, focusing on lung cancer survivorship knowledge, self-efficacy and practices pertaining to providing support to lung cancer survivors and caregivers.

- Evaluate the impact of the intervention on lung cancer survivors and caregivers, primarily focusing on quality of life, well-being, and symptom management.
Intervention Research Plan (N=300)

• Survivors/Caregivers (N=30 per site)
  
  – Quality of Life (multiple domains to match intervention)
  
  – Pre, Post, 3-month follow-up
  
  – Key Informant Interviews with subset (2 per site)
Thank You!

Survivorship Care
Survivorship Care Team
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Dedicated to reducing the burden of lung cancer in Kentucky and beyond through development, evaluation, and dissemination of novel, community-based interventions to promote provider education, survivorship care, and prevention and early detection regarding lung cancer.

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