

Rush-Copley Medical Center
Cancer Care Center
2015 Lung Cancer Screening Initiative

Community Needs Assessment

Rush-Copley Medical Center's (RCMC) main service areas include Kane County and Kendall County, Illinois. The 2014 Kane County Health Needs Assessment findings listed cancer as the number one leading cause of death in Kane County, accounting for 25.7% of deaths in 2010. Lung cancer had the second highest incidence in Kane County when men and women are separated. The incidence rate is higher among black males and females. The mortality related to lung cancer has been increasing in Kane County when compared to state and national trends. At Rush-Copley's Cancer Care Center about 75% of the lung cancers that are treated are late stage (Stage III, Stage IV), which demonstrated the need to decrease the rate of late stage diagnosis.

One of the major risks for all cancers including lung cancer is smoking. In Kane County 13.6% of the population currently smokes and the highest rate of 15.7% in the southern part of Kane County which is a large portion of our service area. Smoking is higher amount those who are 18-39 years old, low income, males and live in southern Kane County.

- I. Providing screening and education will allow for lung cancer screening to be found in earlier stage.
- II. This can be accomplished by strengthening our collaboration with local healthcare agencies such as Rush-Copley Medical Group and the VNA Healthcare, a federally qualified health center (FQHC) in the area.
- III. Assessing the current avenues in which the community and patients receive information on tobacco cessation.
- IV. The Rush-Copley Cancer Care Center received a Mission and Vision Grant for lung cancer screening, navigation and awareness.

Initiative Committee

The committee for the lung cancer screening initiative includes the following:

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| ○ Cancer Care Business Manger | ○ Director of Imaging |
| ○ Community Health Outreach Coordinator | ○ Manager of Imaging |
| ○ Oncology Nurse Navigator | ○ Manger of Patient Access |
| | ○ Director of Patient Financial Services |

This oversight committee ensures the correct policies; procedures and processes are in place so that grant funding and resources are utilized appropriately on lung cancer screening patients. The two pivotal committee members are the Community Health Outreach Coordinator and the Oncology Nurse Navigators. They have direct contact with patients regarding questions, verification of eligibility and follow-up lung cancer screening results.

Prevention

The Rush-Copley Cancer Care Center hosts the American Lung Association's Freedom From Smoking Program for tobacco cessation. The program is facilitated by two Rush-Copley trained employees. Freedom From Smoking is offered on a quarterly basis in English at RCMC and in Spanish at the VNA Health Care. There were 14 participants that attended the program in 2015: 12 completed the program and quit smoking. This equates to a program completion rate of 86% in 2015.

NCCN Guidelines

The Rush-Copley Cancer Care Center follows the NCCN Guidelines for Lung Cancer Screening to identify high risk patients for Lung Cancer Screening.

Category 1	Category 2
<ul style="list-style-type: none">• Between 55 and 74 years old• Greater than or equal to 30-pack year history of smoking• Smoking cessation less than 15 years	<ul style="list-style-type: none">• 50 years old or older• Greater than or equal to 20-pack year history of smoking• One additional risk factor: a cancer history, lung disease history, family history of lung cancer, radon exposure, and occupation exposure

Meetings and Outreach

Meetings were held with the American Cancer Society (ACS), VNA, Rush-Copley Medical Group and local community agencies to establish outreach efforts. Internal research showed that Lung Cancer Screenings are driven by Primary Care Physician referral. Working with RCMG we identified the need for an order set specific to Lung Cancer Screening that would capture qualified individuals and meet the Medicare guidelines for reimbursement. Building this order set required collaboration with the EPIC team, RCMC IS department and Rush University Medical Center. This tool became available in November 2015 and has been communicated to healthcare providers for utilization.

Internal key stakeholders and local area partners:

- Rush-Copley Medical Group Executive Director and Medical Director of Primary Care
- Rush-Copley Medical Group
 - Primary Care Physicians
 - Nursing Focus Groups
 - Medical Assistant Focus Groups
- VNA Health Care VP of Nursing
- Rev. Thorton-Cancer Care Ministry
- Partners in Health/Compañeros en Salud
- Feed Thy Starving Neighbor-Main Baptist Church

Marketing

The information for Low Dose CT Lung Cancer Screenings was disseminated in a variety of formats to the community, healthcare providers and centers in the area.

The avenues of communication include:

- Healthy Connections- Hospital Community Newsletter
- Lung Cancer Screening Flyer-Providers, Community Events, Hospital
- Hospital Plasmas- 9 plasmas display information Lung Cancer Screening
- Hospital Website-Screening and Cancer Care Services

Screening

The Rush-Copley Cancer Care Center received a hospital Mission and Vision Grant to offer free Low Dose CT Lung Cancer Screening for high risk individuals who qualify under the NCCN criteria. Individuals interested in a Lung Cancer Screening get connected with the Community Health Outreach Coordinator to be screened over the phone. The qualification process includes a series of questions, listed on the intake screening form, to ensure each individual is in adherence with the NCCN criteria. Those that qualify as high risk are then connected with the outpatient scheduling department to setup an appointment. The results of the screening are communicated to each individual by the Oncology Nurse Navigator. Additionally, the Oncology Nurse Navigator mails a copy of the results to the individual and their primary care physician. An Access database was created to track participants using the intake form and nurse follow up.

The Rush-Copley Cancer Care Center was able to provide 15 grant-funded Low Dose CT Lung Cancer Screening in 2015. The participants were referred by their primary care physician or received information at community/hospital events and via the community newsletter. Of the 15 screenings performed, none required a biopsy or were diagnosed with lung cancer. There were 5 current smokers that were counseled on quitting and received information on tobacco cessation resources.

Appendix for Forms

- I. Timeline for Lung Cancer Screening Initiate
- II. Lung Cancer Screening Flyer
- III. Freedom From Smoking Flyer (English)
- IV. Freedom From Smoking Flyer (Spanish)
- V. Intake Screening Form for Low Dose CT Lung Cancer Screening
- VI. Low Dose CT Lung Screening Order