



# FLORIDA HOSPITAL CANCER INSTITUTE

DeLand | Fish Memorial | Flagler | Memorial Medical Center

## **Community Outreach: Outcomes Report**

### **Low-Dose CT Lung Screening**

#### **Significance & Background:**

There is a pressing need to improve lung cancer screening and care coordination in Flagler and Volusia counties in Florida because these counties have higher than the national incidence and mortality rates in lung cancer, and a higher than state average for chronic smokers.

#### **Purpose:**

The US Preventive Services Task Force issued a final B-level recommendation in December 2013 indicating that individuals between the ages of 55 and 80 years who have a 30–pack-year smoking history and have smoked within the past 15 years should receive annual low-dose computed tomography (CT) lung cancer screening. The Centers of Medicare and Medicaid Services issued similar eligibility criteria.

#### **Methods:**

The lung cancer screening committee included 15 members, representing a broad range of expertise. This team was co-led by the Regional Administrator who is a nurse and the Lung Care Nurse Navigator. The committee discussed operational, clinical and system issues related to the implementation of CT lung cancer screening and developed recommendations for implementing CT lung cancer screening program for the East Florida Region of the Adventist Health System; a four-hospital initiative.

#### **Results:**

The committee identified six main objectives that must be achieved to optimize the efficiency and effectiveness of implementing CT lung cancer screening: first, form the Pulmonary Program Governance Committee; second, accurately identify persons eligible for screening; third, identify and provide access to screening at authorized and qualified locations for eligible individuals; fourth, ensure appropriate care coordination for positive and negative screening results; fifth, monitor and support continuous quality improvement of screening programs; and lastly, offer and provide a smoking cessation program for all current smokers. The committee implemented a series of stakeholder-specific pathways in order to achieve these goals.

## 2016 LDCT Results

	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
<b>DELAND</b>								
# Referrals	0	3	6	5	11	8	10	43
# Completed	0	3	6	5	7	6	8	35
# LungRad 4	0	1	1	0	1	0	1	4
<b>FISH</b>								
# Referrals	0	7	3	7	5	7	13	42
# Completed	0	4	2	5	3	5	3	22
# LungRad 4	0	1	1	0	0	2	0	4
<b>FLAGLER</b>								
# Referrals	0	7	6	6	6	11	15	51
# Completed	0	4	3	4	4	8	7	30
# LungRad 4	0	1	0	0	1	1	0	3
<b>MEMORIAL</b>								
# Referrals	2	9	43	37	20	16	16	143
# Completed	1	3	9	24	24	9	14	84
# LungRad 4	0	1	3	1	2	2	0	9

## Smoking Cessation

Location	1/1/16-11/30/16 Classes/participants	1/1/16-11/30/16 Referrals
Florida Hospital Deland	5 classes; 97 participants	1
Florida Hospital Flagler	7 classes; 112 participants	129
Florida Hospital Fish Memorial	5 classes; 65 participants	43
Florida Hospital Memorial	7 classes; 56 participants	247
Florida Hospital New Smyrna	8 classes; 83 participants	118
Florida Hospital Oceanside	6 classes; 48 participants	45
<b>Total</b>	<b>38 classes; 461 participants</b>	<b>583</b>

**Conclusion:**

The execution of the pathway to offer effective and efficient population-based CT lung cancer screening requires involvement and coordination of stakeholders across the health care system to address the procedural, data and infrastructural requirements that were recognized.

**Innovation:**

The Lung Care Nurse Navigator' role was central in this project. A goal was set to complete a total of 50 screens this year per facility. One hospital has already surpassed this goal and the rest are over 50% above it.