Lehigh Valley Health Network

LVHN Scholarly Works

Improving Patient Care Through Nursing Informatics

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Improving Patient Care Through Nursing Informatics

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Purpose

- Assemble a multidisciplinary team including: oncology administration, oncology nurse leaders, oncology nursing informaticists, tumor registry, and a physician champion at Lehigh Valley Health Network (LVHN).
- Develop, implement, and evaluation SCPs.

Significance & Background

- The American Cancer Society projects the number of survivors will increase from 14.5 million in 2014 to 19 million in 2024.
- Cancer survivors require long-term care and monitoring to detect and treat recurrence or new cancers and manage long-term treatment side effects.
- The American College of Surgeon's Commission on Cancer (CoC) requires all of its accredited facilities to implement Survivorship Care Plans (SCPs) by 2015.

Planning

- The oncology nursing informatics team developed a general template for the SCPs.
- Care plan template was incorporated into the Electronic Medical Record (EMR).
- The template was expanded to include disease site specific information and tailored to the oncology discipline.

Interventions

- Identified strategies to incorporate the EMR to cue providers to generate a treatment summary visit for eligible patients.
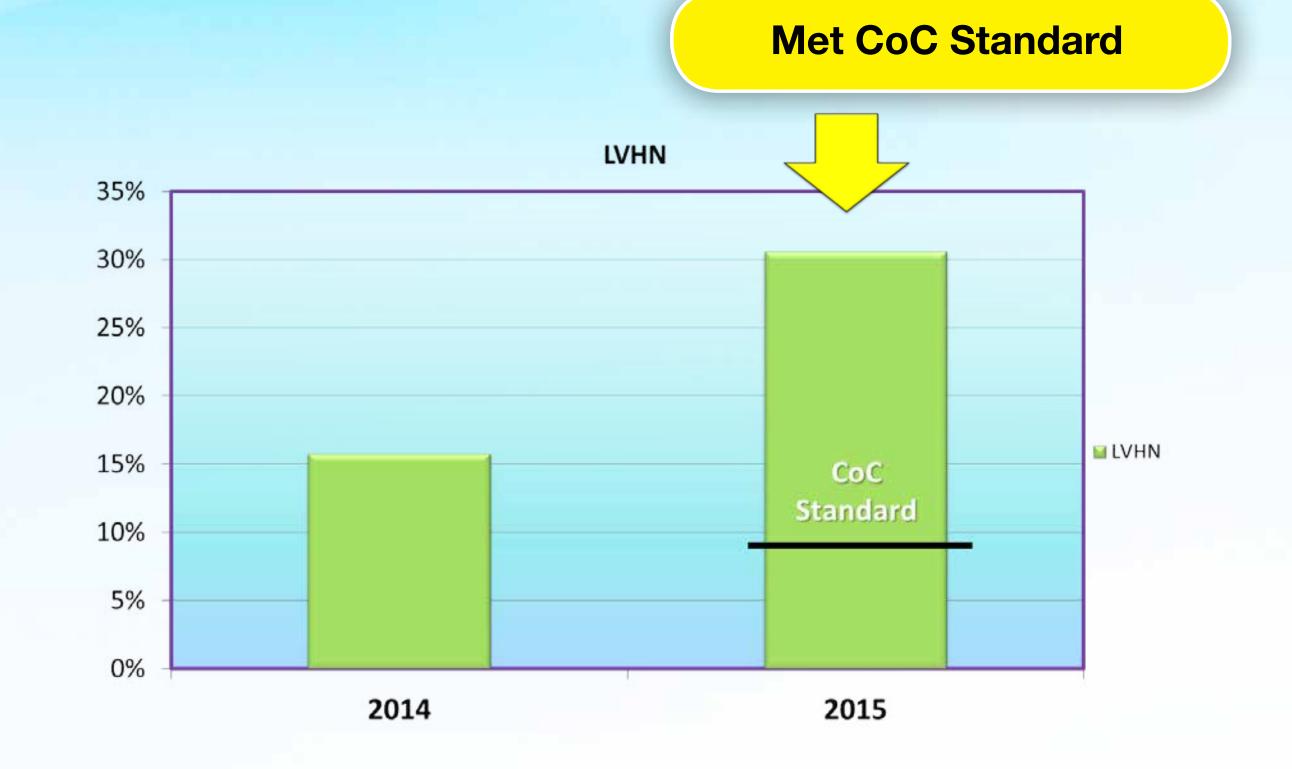- The oncology nursing informatics team formulated a tool for retrieval of data.

Evaluation

- In 2014, LVHN provided 15.8% of eligible patients with a SCP.
- In 2015, LVHN provided 30.6% of eligible patient with a SCP, meeting the COC goal.
  - Combined tumor registry data of Stage 0-3 cancers = 905
  - Number of patients who received a treatment summary = 277

Discussion

- Increasing demand to provide date through integration of EMR.
- Nursing informaticists are directly involved in process improvement projects to improve quality of care.
- Nursing informaticists specializing in oncology are integral members of the team combining innovative solutions powered by technology and a passion to provide quality patient care.

Survivorship Care Plan

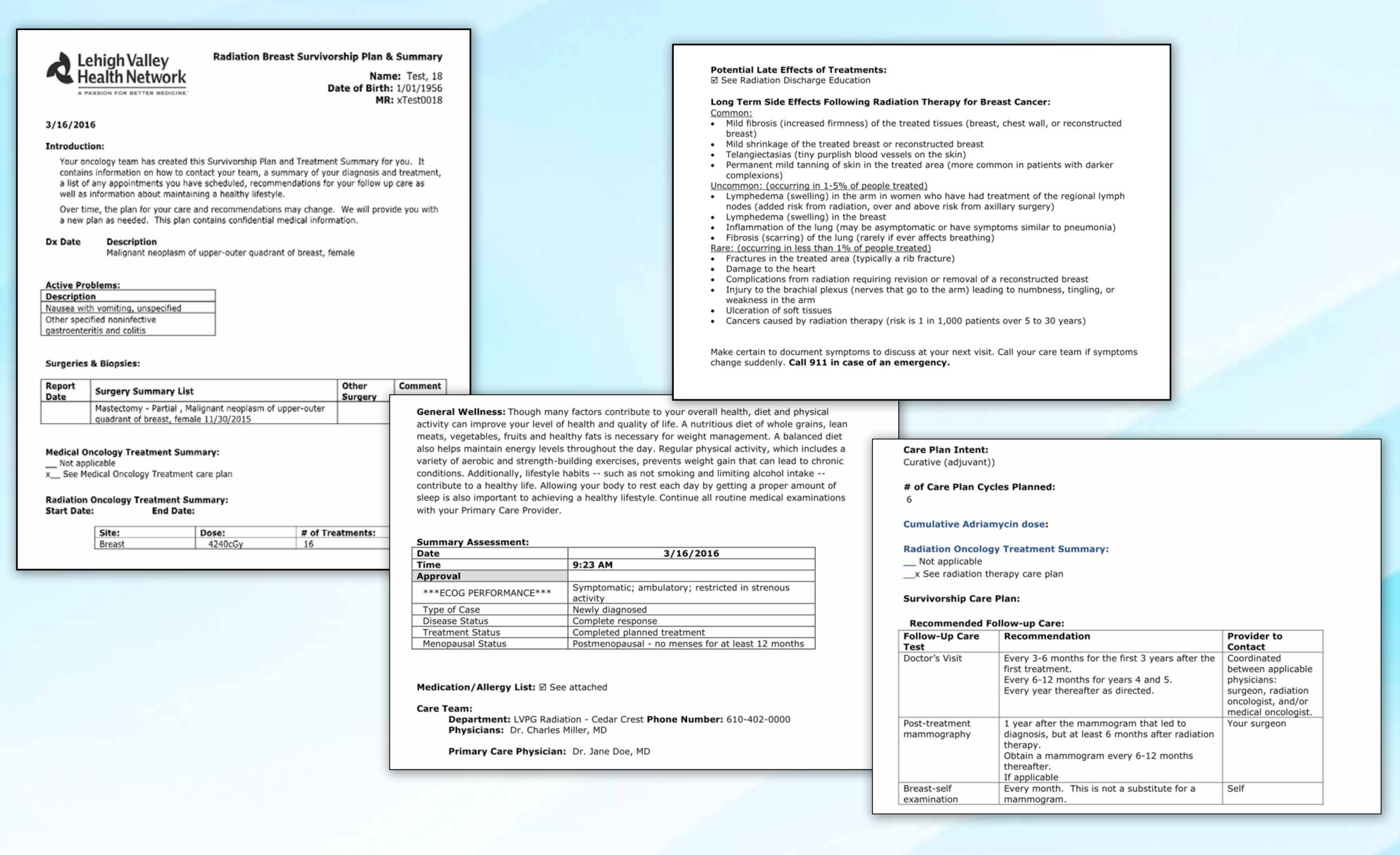| Year	2014	2015
Patients Who Received SCP	209	277
Patients Eligible for SCP	1323	905
Percentage Received	15.8%	30.6%

Met CoC Standard

Elements of Survivorship Care Plans

- Introduction
- Diagnosis Date & Description
- Active Problems
- Surgeries & Biopsies
- Medical Oncology Treatment Summary
- Radiation Oncology Treatment Summary
- Potential Late Effects of Treatments
- General wellness
- Summary Assessment
- Medication/Allergy List
- Care Team Listing
- Care Plan Intent
- Cumulative Dose (if applicable)
- Recommended Follow-up Care

Survivorship Care Plan Sample

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