Improving Patient Care Through Nursing Informatics

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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. The oncology nursing informatics team developed a general template for the SCPs. The 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.

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.

Increasing demand to provide data 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.

Purpose

Significance & Background

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 data 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.

Planning

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

Interventions

- Radiation Oncology Treatment Summary
- Potential Late Effects of Treatments
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Survivorship Care Plan Sample

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