

Patient-Reported Outcomes in Oncology (PROMOnc)

Tyler Seto, tseto@coh.org, City of Hope National Medical Center

Project Description: I wanted to implement patient-reported outcomes because of it could improve patient care while giving patients a voice at their weakest.

Outcome - Oriented Objective: Survey adult patients with primary chemotherapy for stage I-III breast cancer, stage II-III colon cancer, or stage II-III A lung cancer immediately before, during, and after chemotherapy to determine pain, fatigue, and quality of life. Engage appropriate resources based on the answers to the questions.

Solution:

We initially proposed a technological solution with nurses giving surveys on iPads to patients during infusions. Ultimately, it proved overwhelmingly difficult to identify the correct patients at the correct time, so we transitioned to emailing the patients. From the start we deviated from standards by using the electronic system collecting data to notify appropriate staff based on certain pre-defined triggers (e.g. worsening depression).

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Results

- Ran project for from Oct 2019 through Feb 2020
- 119 patients identified for surveys
- 40 surveys escalated for patient contact due to concerning answers

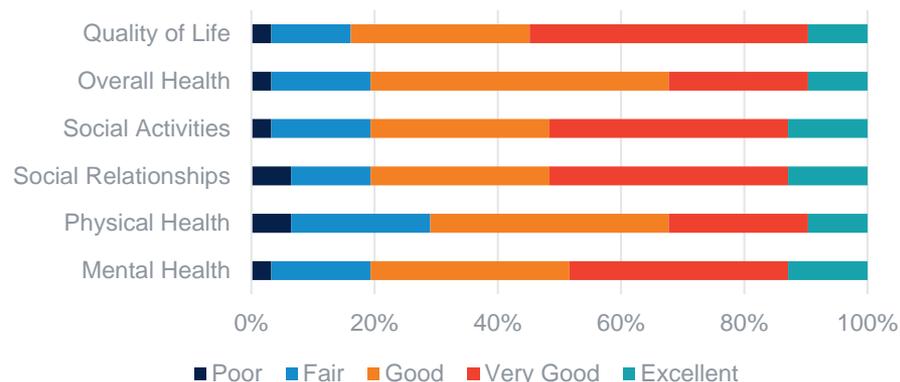
Next Steps

- Retool the parameters of the project to expand to all types of cancer at all patient visits
- Offer both in-office *and* emailed surveys
- Consider hiring staff to administer surveys

Lessons Learned

- Patients require surveys through multiple modalities
- Buy-in of staff is easier to achieve with tasks which don't require complex decision making
- Selection of patients was hindered by data lag of staging data, which should have been considered before choosing to use automation to select complex patient population
- Overly optimistic in a new organization

Quality of Life Scores



Pain and Fatigue Scores

