

## Quality Improvement Colon Cancer 2017 Bon Secours St. Mary's Hospital

### ACoS Standard 4.6 Monitoring compliance with evidence-based treatment guidelines

Each year, a physician member of the cancer committee performs a study to assess whether patients within the program are evaluated and treated according to evidence-based national treatment guidelines. Study results are presented to the cancer committee and documented in the minutes. Cancer Program Standards 2016

Colon cancer was selected by the cancer committee for the 2017 study. There were a total of 73 first contact colon cases for 2013 in the registry data base, with diagnosis and/or treatment at SMH. These cases were evaluated using a tool provided by the CoC standards resource repository. The tool presented elements of NCCN guidelines for pre-op evaluation, and treatment. Michael White, MD, reviewed the study, and criteria for concordance with treatment guidelines.

Review: Seventy two of the 73 cases were reviewed. One case had biopsy only and no staging at SMH. Cases were evaluated for conformity with NCCN guidelines for evaluation and treatment.

#### **Concordance with NCCN pre-treatment evaluation guidelines:**

Sixty cases were evaluated for pre-operative CEA. Ten cases were either treated by polypectomy or had incidental cancer discovered at appendectomy, and two cases were not treated by colon surgery. Forty of the sixty patients (66%) had pre-operative CEA measured. Sixty two cases were evaluated for presence of staging scans. Seventeen had pre-treatment scans of chest/abdomen/pelvis (27%), and twenty nine had scan of abdomen/pelvis (46%). For sixteen patients (26%) no scans were done, or were done at outside institutions. All patients undergoing surgery (except polypectomy) had pre-operative CBC and CMP.

#### **Concordance with treatment guidelines:**

##### Concordance with treatment guidelines:

Seventy two patients were evaluated for concordance with treatment guidelines. Seventy cases met the guidelines (97%) and two cases will be reviewed. The NCCN older adult guideline was used for patients over seventy, and the neuroendocrine guideline was used for carcinoids.