

DOMINICAN HOSPITAL

2018 Quality Study

Study coordinator: Kenneth Westphal, MD; Michael Alexander, MD; Jessica Johnson

Study population: 2017 Head and Neck Cancer Patients treated at Dominican Hospital

Total number: 14 patients

PROBLEM IDENTIFIED/SUMMARY:

HPV positive head and neck cancer incidence has increased from 16.3% in the 1980s to 72.7% in the 2000s. HPV positivity is a positive prognostic indicator, as it is associated with decreased disease-specific mortality compared to HPV negative cancers. A recent discussion at Tumor Board on whether our institution was routinely testing all head and neck cancers for HPV positivity prompted us to look back at our 2017 cases to ensure we are following guidelines.

CRITERIA USED TO STUDY PROBLEM:

14 Patient pathology slides were reviewed for HPV testing

FINDINGS:

2 of the 14 patients presented with non-Squamous Cell Carcinomas and therefore testing was not indicated. 1 patient had pathology performed at an outside institution and was not reviewed here. Of the remaining 11 Patients, all were tested for HPV. 7/11 were positive for HPV, which indicates a 64% incidence of HPV related head and neck cancer.

NATIONAL BENCHMARKS USED:

<http://www.cap.org/ShowProperty?nodePath=/UCMCon/Contribution%20Folders/WebContent/pdf/hpv-testing-in-head-and-neck-carcinomas-summary.pdf>

<https://www.mskcc.org/cancer-care/types/head-neck/screening-guidelines-head-neck>

OUTCOME/DISCUSSION: 100% compliance with guidelines confirmed

ACTION TAKEN: Data presented to and discussed at Cancer committee 9/20/18

PLAN TO MONITOR FOLLOW UP: None needed at this time as we are following published guidelines.