

Cervical Cancer Report- Dr. William McBee

Cervical cancer continues to be a major health threat in the United States, and especially worldwide. While approximately 10,000 women in the US are diagnosed each year with this disease, it affects over half a million worldwide. Treatment typically includes surgery for early stage disease and radiation and chemotherapy for more advanced disease. Recently, Pembrolizumab (Keytruda), a type of immunotherapy, was approved to treat patients with metastatic disease. However the most exciting news was the recent FDA approval for Merck's 9 valent HPV vaccine extending coverage for women and men age 27-45. It was previously approved for only 9-26 year olds. Since the vast majority of cervical cancer is caused from HPV (which is extremely common with over 80% of men and women affected by age 50) this should significantly decrease the rates of not only cervical cancer, but vulvar, vaginal, anal, and head and neck cancers as well, as the vast majority of those are also caused by the HPV virus. The following is a compilation of Cervical Cancer statistics specific to Mon Health Medical Center.

1. Distance Travelled. Compared to Comprehensive Community Cancer Program Hospitals in the ACS Division of South Atlantic, the majority of our patients travel 50-99 miles (33%), followed by 10-24 miles (22%), 11% travel 5-9 and over 100 miles. The comparison group traveled 10-24 miles (33%), 25-49 miles (22%) and 5-9 miles (20%)
2. First Course of Treatment was similar. 39% at our institution had surgery only, followed by 17% with surgery, radiation and chemo, 11% had surgery and radiation and 11% radiation and chemo. The comparison group had 36% surgery, 29% radiation and chemo, 11% all 3
3. Age. MGH 31% 50's, 22% 60's, 19% 70's. Others 25% 40's, 20% 30's, 18% 50's. Our group tends to be older.
4. Stage similar. 56 vs 46% stage 1, 3 vs 13% stage 2, 19 vs 18% stage 3, 17 vs 15% stage 4
5. Histology similar. 44 vs 50% SCC, 28 vs 14% Adeno
6. Cases by year: 2010-2017. 10, 19, 24, 13, 12, 12, 14, 24
7. Cases by County (2010-2017): Mon (22), Allegany, MD (9), Harrison (9), Marion (8), Ohio (7), Preston (7), Upshur (7), Barbour (6), Grant (6)

Summary

8. All cervical cancer cases for 2017 were extracted from the Monongalia General Hospital Tumor Registry by Christina Hoskinson, CTR.
9. Total of twenty cases were reviewed by Dr. William McBee
10. Ages ranged from 29 to 92
11. All were staged with FIGO staging
12. All cases were reviewed and found to have been treated according to NCCN guidelines
13. Results reported to Cancer Committee on November 7, 2018