

Public Outcomes Report Prostate Cancer

2017

Based on
2017 data

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Prostate cancer is the most common cancer in men, excluding cutaneous cancers, and it is a major cause of cancer related deaths. The American Cancer Society estimates there will be more than 174,000 new cases of prostate cancer in 2019, and more than 31,000 deaths. While prostate cancer diagnoses are high, the disease can often be treated successfully.

Prostate cancer is divided into two categories, latent cancer and clinically significant cancer. Deaths related to prostate cancer are caused by the clinically significant cancer types.

In recent years, rates of prostate cancer screenings and early-stage detection cancer diagnoses have gone down. Researchers attribute this decline, in part, to recommendations made by the U.S. Preventive Services Task Force. Given the heterogeneity of prostate cancer, there are concerns of an over diagnosis and overtreatment among patients, resulting in the recent drop of the use of PSA, the availability and use of new biomarkers, the use of prostate MRI along with the adoption of active surveillance and the use of minimally-invasive prostatectomy.

To reduce our patients' risk of over diagnosis or overtreatment, our team at Lima Memorial Health System has been using 4K score, prostate MRI and robotic-assisted prostatectomy since late 2015.

Observations:

Figure 1: The two age groups with the most common prostate cancer diagnosis were 60-69 and 70-79 which mirrors the stats in the State of Ohio, and these are the two groups that will benefit from active treatment, if indicated.

Figure 2: Most of the patients who are diagnosed have stage II, the distribution of this stage and the other stages resonates the national statistics.

Figure 3: The number of patients receiving radiation and radiation with hormones surpasses the percentage in the State of Ohio with less patients getting surgery; however, these data were from 2013-2015, and I predict that our numbers since 2016 will be close to the State of Ohio rates.

Figure 1:

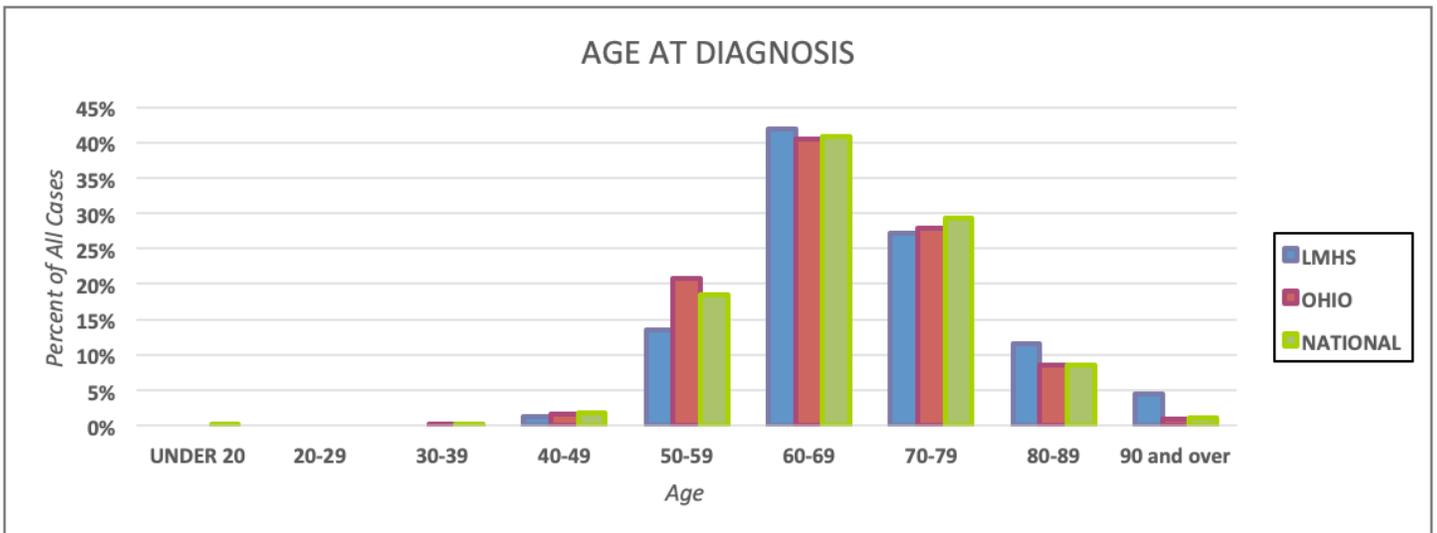


Figure 2:

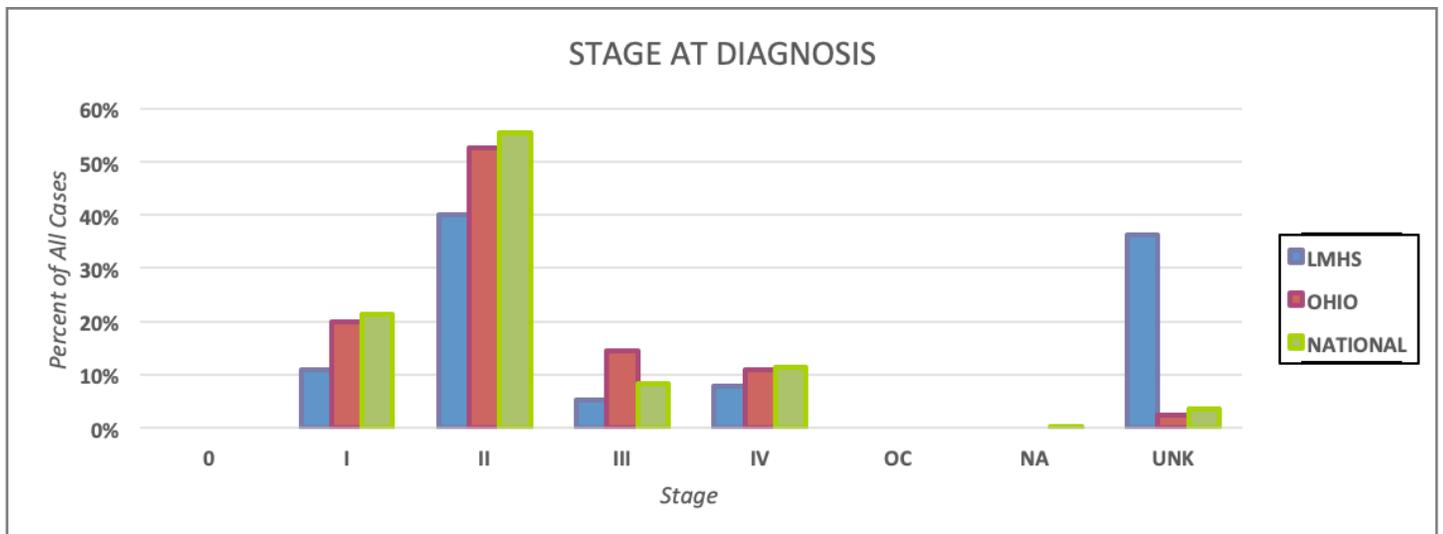


Figure 3:

