

#### NCCN Guideline

× Required only for Gleason score greater than or equal to 8 or PSA greater than or equal to 20 or Tumor greater than or equal to T3 or N1 or M1.

## 2019 Assessment of Evaluation and Treatment Planning Prostate Cancer

**STUDY PURPOSE:** Adherence to National Comprehensive Cancer Network (NCCN) guidelines for Prostate Cancer. I selected prostate Cancer for this study.

**Member of Cancer Committee to perform study:** Lukman Tijani, MD

#### Background:

The study conducted by Cancer Committee this year analyzed adherence to National Comprehensive Cancer Network (NCCN) guidelines for Prostate cancer.

#### Study Criteria: Site Specific Sample based on identified need or concern:

Site Specific Sample:	Prostate Cancer
Accession Year:	2018, Class of Case 00-22 (analytical)
Retrospective chart review:	Stage Groups 1-Stage 4

Total cases: 49

Data reviewed for each case included are patients age, diagnostic workup, clinical stage, pathological stage and first course of treatment documented in the Cancer Registry (CR) abstract, and source pathological report, patient medical record.

#### SWCC Prostate Cases: Study Assessment Summary:

##### Summary of Prostate Cases:

A review of all of the Prostate cases showed a total of 49 cases of prostate cancer were accessioned by the SWCC Hospital Cancer Registry, (11) Stage I, (13) Stage 2, (16) Stage 3 disease, and (9) Stage 4. 100% histologically confirmed diagnosis. Ages ranged at diagnosis from 51-81 with the median age at diagnosis being 65 years of age.

##### STUDY RESULTS:

Of the 49 cases 42 complied with the NCCN guidelines, 8 cases did not have the required bone scans performed but all the patients needing bone modifying agents received them, for a 80% compliance rate. Patients with advanced disease need both CT scans or MRI of the pelvis and bone scans.

Colleagues in Urology and Medical Oncology have been educated in this matter.

Results:

<b>Checklist</b>	<b>MET</b>	<b>NOT MET</b>	<b>TOTAL</b>	<b>Percent (%)</b>
DRE	49		49	100%
PSA	49		49	100%
Gleason Score	40		40	100%
Primary Pattern	40		40	100%
Secondary Pattern	40		40	100%
Bone scan×	30		38	80%
CT Pelvis or MRI×	38		38	100%
Use of Bone Modifying Agent	12		12	100%