

ONCOLOGY 2 PROSTATE CANCER

PGY 3 OBJECTIVES

MEDICAL EXPERT

<i>Basic Science Knowledge</i>	<p>Be able to describe the epidemiological aspects of prostate cancer, including the intrinsic factors (genetics, age and hormonal factors) and extrinsic factors (diet, geography, occupation, etc.) that influence the incidence and prevalence of prostate cancer.</p> <p>Be able to describe the anatomic zones of the prostate and the prevalence of prostate cancer as it relates to anatomy.</p> <p>Be able to describe Gleason grading and scoring.</p> <p>Be able to describe other pathologic abnormalities associated with prostate cancer (ASAP & PIN)</p> <p>Be able to describe the basic principles of radiation therapy for prostate cancer</p> <p>Be able to describe the basic principles of hormonal therapy for prostate cancer.</p>
<i>Clinical Knowledge</i>	<p>Be able to describe and recognize the symptoms and signs of a patient presenting with prostate disease.</p> <p>Be able to stage prostate cancer.</p> <p>Be able to describe the natural history and prognosis of prostate cancer for various stages and various presentations (age, grade, stage dependent).</p> <p>Be able to describe and order the appropriate diagnostic tests to make the diagnosis prostate cancer.</p> <p>Be able to read and interpret the common lab & radiologic tests used to diagnose prostate cancer (PSA, TRUS)</p>
<i>Recognition and Management of Emergencies</i>	<p>Be able to describe the clinical scenarios that constitute an emergency in the patient with prostate cancer (retention, acute spinal cord compression, pathologic fracture)</p> <p>Be able to order the appropriate management (investigations and treatment) for patients in these situations.</p>
<i>Technical and Procedural Skills</i>	<p>Be able to perform DRE</p> <p>Be able to perform TRUS guided prostate biopsy</p> <p>Identify key anatomic landmarks used during pelvic node dissection and radical prostatectomy</p> <p>Be able to perform a pelvic node dissection</p>
<i>Specific Clinical Expectations</i>	<p>Expected to attend four ambulatory clinics with Dr. Chetner or Dr. Moore. The emphasis will be on the diagnosis, treatment and follow-up of patients with prostate cancer.</p> <p>Expected to attend two ambulatory GU oncology clinics at the Cross Cancer Institute.</p> <p>Expected to attend four TRUS biopsy clinics (Dr. Estey at RAH, or Dr Bochinski at Misericordia)</p> <p>Expected to review the interactive CD on prostate cancer pathology.</p>

ONCOLOGY 2 PROSTATE CANCER
PGY 4 AND PGY 5 OBJECTIVES

MEDICAL EXPERT

Basic Science Knowledge

Be able to describe same concepts as in PGY 3 year:

Be able to describe the epidemiological aspects of prostate cancer, including the intrinsic factors (genetics, age and hormonal factors) and extrinsic factors (diet, geography, occupation, etc.) that influence the incidence and prevalence of prostate cancer.

Be able to describe the anatomic zones of the prostate and the prevalence of prostate cancer as it relates to anatomy.

Be able to describe Gleason grading and scoring.

Be able to describe other pathologic abnormalities associated with prostate cancer (ASAP & PIN)

Be able to describe the basic principles of radiation therapy for prostate cancer

Be able to describe the basic principles of hormonal therapy for prostate cancer.

Clinical Knowledge

Be able to describe same concepts as in PGY 1-3 years PLUS:

Be able to identify patients in need of repeated investigations.

Be able to understand the timing necessary in the repeated investigations of patients.

Be able to discuss with patients the advantages and disadvantages of treatment options for localized prostate cancer (RP, conformal RT, Brachytherapy, and cryotherapy).

Identify key factors able to predict prognosis and outcome post therapy for localized prostate cancer.

Be able to discuss the management of and nuances of hormonal therapy for prostate cancer.

Be able to discuss the management of men with PSA progression after definitive local therapy.

Be able to discuss the management of men with PSA progression after hormonal therapy.

Be able to discuss the management of symptomatic metastatic prostate cancer.

Recognition and Management of Emergencies

Identify signs and symptoms in patients with DVT

Identify signs and symptoms in patients with pulmonary embolism

Identify signs and symptoms of acute perioperative blood loss

Technical and Procedural Skills

Be able to perform a radical prostatectomy

Be able to perform intra-operative maneuvers for: correction of perforation of the rectum, control bleeding from the dorsal venous complex, identify and spare the peri-prostatic neurovascular bundles, reconstruct the bladder neck.

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PGY 4 AND PGY 5 OBJECTIVES

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