

## **BPH**

### **PGY3 OBJECTIVES**

#### **MEDICAL EXPERT**

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**Basic Science Knowledge**      Be able to describe embryology, anatomy and physiology of the prostate gland  
Have a basic understanding of the biochemical nature of the prostate gland including PSA and pH  
To understand the etiology, pathophysiology and epidemiology of benign prostatic hypertrophy  
To be able to describe the effects of prostatic obstruction on bladder function and renal function, both acute and chronic changes

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**Clinical Knowledge**      To be able to describe and recognize the symptoms of prostatism; both obstructive and lower urinary tract symptoms including the AUA symptom score  
To be able to describe the initial evaluation of a patient with BPH including the appropriate tests and additional optional diagnostic tests  
Able to describe the medical therapy for BPH (including its effectiveness and safety)  
Able to describe and outline the various minimally invasive and endoscopic treatments for symptomatic BPH

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**Recognition and Management of Emergencies**      Able to appropriately manage the patient with obstructive renal failure secondary to bladder outlet obstruction from BPH  
Able to describe and manage the intra-operative problems that can occur with TURP (hemostasis, TURP syndrome, intra-op priapism)  
Able to recognize and manage the post-operative problems associated with endoscopic surgery of the prostate (post-TURP bleed, urosepsis)

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**Technical and Procedural Skills**      To be able to catheterize a patient, perform cystoscopy, diagnose obstruction and secondary bladder changes  
Able to perform and complete a TUIP for a small prostate (< 20 gms) or for treatment of bladder neck contracture  
Able to perform and complete a TURP for a small to medium sized prostate gland (15-30 grams)

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**Specific Clinical Expectations**      See general clinical expectations

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**BPH**

## PGY4 AND PGY 5 OBJECTIVES

**MEDICAL EXPERT**

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Basic Science Knowledge Same objectives as in PGY 3

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*Clinical Knowledge* Same as PGY 3, plus:

Able to outline the indications and pre-operative evaluation for patients undergoing open retropubic/suprapubic prostatectomy  
Able to describe the surgical technique of open prostatectomy for the treatment of BPH  
Able to describe and management the post-operative patient undergoing open prostatectomy

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*Recognition and Management of Emergencies* Same as PGY 3 plus:

Able to describe and appropriately manage the patient with complications following open prostatectomy for BPH (acute blood loss, urinary extravasation, clot retention, etc)

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*Technical and Procedural Skills* Able to perform a TURP for a medium to large prostate gland (20 to 80 grams)  
Able to perform open retropubic/suprapubic prostatectomy for the treatment of BPH

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*Specific Clinical Expectations* See general clinical expectations

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