

Start	End	Topic	Speakers
09:00	09:05	INTRODUCTION TO BPH SURGICAL MANAGEMENT AND NEW TECHNOLOGIES	Dean Elterman
09:05	09:20	UroLift	Bradley Gill
09:20	09:25	Questions	All
09:25	09:40	iTind	Dean Elterman
09:40	09:45	Questions	All
09:45	10:00	Rezum	Kevin Zorn
10:00	10:05	Questions	All
10:05	10:20	Aquablation and Stents	Dean Elterman
10:20	10:25	Questions	All
10:25	10:30	Discussion	Dean Elterman

Description

Male lower urinary tract symptom (LUTS) secondary to benign prostatic obstruction (BPO) is a common condition encountered by general and sub-specialized urologists. The fact that symptomatic BPO increases with age impacting the majority of men after the age of 60 years along with our aging population, should prompt great interest in this topic. The scope of treatment has expanded greatly from the days of transurethral resection and oral medical therapy. Men are increasingly concerned not just about the efficacy and durability of any one treatment, but also the peri-operative experience, recovery, and maintenance of sexual function.

This workshop will highlight recent advances in minimally invasive surgical procedures for BPH include UroLift, Rezum, iTind, Aquablation, and a new generation of prostatic stents. The UroLift prostatic urethral lift is a trans-prostatic tab which mechanically pulls the lateral lobes away from the urethral lumen. It has been shown to have a fast recovery and preservation of anterograde ejaculation. Rezum convective water vapour thermal therapy utilizes steam to cause instantaneous cell death and prostate volume reduction in a fast, out-patient therapy while also maintaining sexual function. The iTind temporary nitinol device utilized 3 sets of struts which exert pressure at the bladder neck and prostate, resulting in ischemic necrosis and open of the bladder outlet/prostate. The device is place for 5-7 days only, then entirely removed. Aquablation utilizes real-time ultrasonographic imaging and software planning to robotically execute a high-pressure water-jet removal of prostate tissue in the operating room. It uniquely removes tissue very rapidly and reproducibly, allowing for improvements in all voiding parameters. Anatomic endoscopic enucleation of the prostate (AEEP) can use a variety of energy sources to remove essentially all the prostatic adenoma resulting in the greatest degree of improvement and best durability of any endoscopic surgery. Lastly, a new generation of nitinol-based prostate stents are emerging as true minimally invasive surgical therapies (True MISTs) which can be implanted under local anesthesia, using a flexible cystoscope. They may offer an off-the-shelf alternative to medical therapy for many men.

This 1.5hr instructional course will focus on novel therapies and techniques for the treatment of BPH. The course will provide an overview of the technologies in terms of equipment, technical approach, and high-level review of clinical data. The workshop will provide a guidelines-based, practical approach to the evaluation of male LUTS along with applicable take-aways regarding patient and technology selection. The faculty will provide first-hand practical instruction on best practices including patient selection, technique selection, and “tips & tricks”. The faculty will provide international experience and evidenced-based summaries of the risks and benefits of these procedures to aid with patient counselling for informed consent. We will encourage participants to engage in the question and answer session, along with cases presentations whereby the faculty experts can provide insight into their surgical decision making. The course is designed for any person with an interest in male LUTS regardless of their experience (novel to expert). There will be something for everyone! We look forward to seeing you in Toronto!

References:

https://www.cua.org/system/files/Guideline-Files/7906_V2.pdf

<https://uroweb.org/guidelines/management-of-non-neurogenic-male-luts>

Aims of Workshop

Recent advances in minimally invasive surgical procedures for BPH include UroLift, Rezum, iTind, and Aquablation. This 1.5hr instructional course will focus on novel therapies and techniques for the treatment of BPH. The course will provide an overview of the technologies in terms of equipment, technical approach, and high-level review of clinical data. The faculty will provide first-hand practical instruction on best practices including patient selection, technique selection, and “tips & tricks”. The faculty

will provide international experience and evidenced-based summaries of the risks and benefits of these procedures to aid with patient counselling for informed consent.

Educational Objectives

The ICS workshop curricula should encompass all aspects of voiding function, including male LUTS. This workshop will highlight the diagnostic evaluation as well as state-of-the-art technologies for the treatment of male LUTS secondary to BPO. There will be ample time provided for audience engagement through Q&A and audience polling. The aim of the workshop is a practical application of the new knowledge on novel techniques which can be applied today in clinical practice.

Learning Objectives

1. To learn about new technologies in terms of equipment, technical approach, and high-level review of clinical data
2. To review best practices including patient selection, technique selection, and “tips & tricks”
3. To understand the complexities of male LUTS and decisions around technological applications to management

Target Audience

Urology

Advanced/Basic

Intermediate

Suggested Learning before Workshop Attendance

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<https://uroweb.org/guidelines/management-of-non-neurogenic-male-luts>