W6: Hands-on Adjustable Incontinence Devices for Men - a Practical Hands-on Workshop

Workshop Chair: Bob Yang, United Kingdom
17 September 2025 13:00 - 14:30

Start	End	Topic	Speakers
13:00	13:15	Introduction	Bob Yang
13:15	13:40	ProACT	Lawrence Yeung
13:40	14:05	ATOMS	Fabian Queißert
14:05	14:30	ZSI 375	Stephen Foley

Description

Background:

The incidence of male stress urinary incontinence (SUI) is rising due to an ageing population leading to increased BOO and prostate cancer surgery. While implantable devices have significantly improved treatment, adjustments may be necessary over time due to factors like urethral atrophy or at the patients request for better continence. This need has driven innovation in adjustable devices which avoids further invasive procedures. This workshop showcases three different types of adjustable devices which acts in unique ways to each other: the paraurethral ProACT, the suburethral ATOMS, and the artificial sphincter ZSI 375.

ProACT: This system utilises two adjustable balloons implanted at the bladder neck with radiological guidance to restore anatomical support and reduce urine leakage. This system also allows for individualised titration of balloon volume via subcutaneous ports, optimising treatment outcomes through a series of non-surgical adjustments in the clinic.

ATOMS: The Adjustable TransObturator Male System (ATOMS) utilises an adjustable sub-urethral balloon and two trans-obturator wings, providing support to the bulbous urethra. A scrotal port allows for ongoing adjustments in the outpatient setting.

ZSI 375: This artificial urinary sphincter (AUS) features a preconnected, adjustable cuff design and an all-in-one pump and pressure-regulating spring mechanism which sits within the scrotum, eliminating the need for an abdominal reservoir. Two needle ports allows for adjustment of pressure within the pump and the cuff.

Key learning points:

The key learning points is the hands-on experience this course offers. World-leading experts in each device will provide hands-on training using dedicated practice models for each device, allowing participants to gain practical experience with each device as well as gain the top tips and tricks in patient selection, surgical techniques and post-operative management, and adjustment procedures and troubleshooting.

Participants will be divided into small groups and rotate through three dedicated stations, each featuring a different incontinence device. This interactive format provides a unique opportunity to engage with a world-leading expert on each device in a relaxed and supportive setting.

By utilising a small group format, this course is suitable for all healthcare professionals with an interest in male incontinence, and will cater to all levels of experience. Gain the knowledge and skills to offer the latest advancements in adjustable SUI management and improve the quality of life for your patients.

Within each station:

ProACT: Using a dedicated perineal model with built in (non-ionising) simulation fluoroscopy, this model allows participants to learn the following key steps in ProACT insertion:
- Identify key components of ProACT
- Identify key anatomical landmarks in the pelvis model
- Utilise the tissue expander and trochars to insert ProACT
- Adjust the ProACT device

ATOMS: Whilst the perineal approach will be familiar to most continence surgeons, the unique aspect of ATOMS is the scrotal adjustability and the trans-obturator tunnelling for the wings. Using a dedidated ATOMS pelvis model, participants will be able to learn the following key steps in ATOMS insertion:
- Identify components of ATOMS
- Identify key anatomical landmarks in the pelvis model

- Use an obturator tunneler to insert the arms of ATOMS and tie them to ATOMS
- Fill the balloon using the scrotal port

ZSI 375: Unlike the ubiquitous AMS800, the ZSI 375 is a pre-connected two part sphincter with two ports to allow for pressure adjustments. Using dedicated silicon demonstration models, participants will be able to learn the following key steps in ZSI 375 insertion:
- Identify components of ZSI 375
- Identify key anatomical landmarks in the pelvis model
- Activate and deactivate the ZSI 375
- Adjust the pressure using both ports of the ZSI 375

Take home messages:
- Male incontinence devices have revolutionised treatment, dramatically improving patients' quality of life. They offer a reliable solution to regain control and confidence.
- Adjustability is key for long-term success. Factors like ageing and urethral atrophy can necessitate adjustments to ensure continued effectiveness.
- The latest generation of devices offer this advantage: adjustability in an outpatient setting. This eliminates the need for further invasive surgeries, minimising discomfort and maximising convenience for patients.

Additional references:
https://pmc.ncbi.nlm.nih.gov/articles/PMC8745557/
https://journals.sagepub.com/doi/abs/10.1177/20514158221086409

https://pubmed.ncbi.nlm.nih.gov/31720028/
https://journals.sagepub.com/doi/10.5301/uj.5000246#tab-contributors

https://pubmed.ncbi.nlm.nih.gov/31429982/
https://www.uromedica-inc.com/proact

Aims of Workshop
Male incontinence is on the rise due to increased prostate cancer and BOO surgeries. This brings unique challenges as men require long-term solutions adjustable over time to adapt to their rising life expectancy. This workshop focuses on adjustable incontinence devices, providing hands-on experience with fitting, adjusting, and troubleshooting. Learn from world-leading experts in this interactive, small-group workshop designed for all levels of experience. Gain practical skills and confidence in this essential aspect of men's health.

Learning Objectives
1. Learn the techniques of fitting, adjusting, and troubleshooting the Adjustable Transobturator Male System® (ATOMS)
2. Learn the techniques of fitting, adjusting, and troubleshooting the Adjustable continence therapy ProACT
3. Learn the techniques of fitting, adjusting, and troubleshooting the Zephyr ZSI 375

Target Audience
Urology

Advanced/Basic
Intermediate

Suggested Learning before Workshop Attendance
https://pubmed.ncbi.nlm.nih.gov/31429982/
https://pubmed.ncbi.nlm.nih.gov/31720028/
https://journals.sagepub.com/doi/abs/10.1177/20514158221086409