

W13: Management of Female Lower Urinary Tract Dysfunction Secondary to Long Term Radiation Effects: A Case Based Approach

Workshop Chair: Ayman Mahdy, United States

Time	Topic	Speakers
5	Course Introduction	Ayman Mahdy
20	Severe urinary incontinence and vesicoureteral reflux after pelvic irradiation: Case discussion	David Ginsberg
10	Bladder Augmentation: Surgical video	Ayman Mahdy
5	Rectus fascia sling: Surgical video	Ayman Mahdy
20	VVF after radiation: Case discussion	Angelo Gousse
5	VVF repair with Martias flap	Ayman Mahdy
15	Vesico-vagino-rectal fistula after radiation: Case discussion	Ayman Mahdy
5	Colon conduit: Surgical video	Ayman Mahdy
5	Take home messages	David Ginsberg

Aims of Workshop

This interactive case discussion addresses the challenging female lower urinary tract disease after pelvic irradiation. Cases discussed will include severe urinary incontinence, vesicovaginal fistula and vesico-vagino-rectal fistulae, following remote pelvic irradiation. Specific focus will be on the pathogenesis, diagnostic approach and decision making and the treatment approach. Evidence based introduction to every case will be presented before the case scenario. A surgical video pertinent to every case will be presented at the end of the case. The course will be concluded with "take home messages" and surgical tips and trick related to vaginal reconstruction in those cases.

Learning Objectives

To learn about the long term radiation effects on female lower urinary tract. To learn the pathogenesis and different types of female urinary incontinence following pelvic irradiation.

Target Audience

Urology, Urogynaecology and Female & Functional Urology, Bowel Dysfunction

Advanced/Basic

Advanced

Suggested Learning before Workshop Attendance

- 1- Ayman Mahdy: Female Lower Urinary Tract Symptoms After Pelvic Irradiation. AUAnews May 2013.
- 2-Amy D. Dobberfuhr MD: Evaluation and treatment of female stress urinary incontinence after pelvic radiotherapy. Neurourology and Urodynamics. 2019;38:S59–S69.
- 3-Laura S. Leddy: Management of Lower Urinary Tract Symptoms After Pelvic Radiation in Females. Current Urology Reports (2018) 19: 106