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## **ENDOSCOPIC MANAGEMENT WITH HOLMIUM LASER OF SUB URETHRAL TAPE AFTER BLADDER NECK EROSION.**

### Introduction

A common complication of sub urethral tension free tapes for the management of stress urinary incontinence is bladder erosion. Erosion is suspected when appears storage LUTS, recurrent UTIs, stone formation and haematuria. Open surgery tape removal is an effective treatment option. On the other hand endoscopic management with Holmium Laser offers an excellent result with minimal invasive technique. This endoscopic management is demonstrating at the video.

### Design

A 63 years old woman proceeded to our department suffering from storage LUTS, recurrent UTIs and intermittent haematuria. At her medical history there was a tension free vaginal tape placement 5 years ago due to stress urinary incontinence. The ultra sound evaluation revealed a solid hyper acoustic mass at the left bladder wall. Cystoscopy confirmed bladder erosion by the tape with classification over the synthetic mesh. Under spinal epidural anaesthesia through the cystoscope a Holmium Laser fiber was used for tape cutting and an endoscopic forceps was used for tape removal.

### Results

There were not any post operative complications. The next the patient went to her home and the catheter removed the 3<sup>rd</sup> post operative day. After a month there were no LUTS and 3 months later the cystoscopy showed re-epithelisation and scar formation of the bladder wall at the point of the erosion.

### Conclusion

The use of Holmium Laser for tape cutting is an effective minimal invasive technique which provides low morbidity, less operative time and low hospitalization. To our knowledge Holmium Laser is the only endoscopic way to manage a tape which appears in the bladder wall after erosion.

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| <i>Specify source of funding or grant</i>                           | <b>NONE</b>                                     |
| <i>Is this a clinical trial?</i>                                    | <b>No</b>                                       |
| <i>What were the subjects in the study?</i>                         | <b>HUMAN</b>                                    |
| <i>Was this study approved by an ethics committee?</i>              | <b>No</b>                                       |
| <i>This study did not require ethics committee approval because</i> | <b>This was a standard endoscopy procedure.</b> |
| <i>Was the Declaration of Helsinki followed?</i>                    | <b>Yes</b>                                      |
| <i>Was informed consent obtained from the patients?</i>             | <b>Yes</b>                                      |