

591

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SINGLE SESSION URETHROPLASTY WITH BILATERAL BUCCAL MUCOSAL GRAFTS IN A PATIENT WITH PANURETHRAL STRICTURE

Introduction

We aimed to present total urethral reconstruction with bilateral double buccal mucosa for a 50 years old male patient who admitted difficulty in urination and lower urinary tract symptoms for three years.

Design

Fifty years old male patient admitted to urology department with difficulty in urination and lower urinary tract symptoms for three years. He had several endoscopic procedures including urethral dilatation and direct visual internal urethrotomy. Urethroscopy and initial endoscopy revealed panurethral stricture starting from urethral meatus and reaching proximally 1 cm distal to membranous urethra. The diameter of the entire urethra was about 8 to 10 fr. Under general anesthesia in lithotomy position total urethral reconstruction performed with bilateral buccal mucosal graft and single side dividing (Kulkarni technique). Patient recharged at post-operative 3th day and urethral catheter was taken at 21th post-operative day.

Results

There was no complication at post-operatively. Also at 1st,6th and 12th month controls there was not any problem. He has no erectile or sexual dysfunction. He has minimal ventral curvature with no severe problem.

Conclusion

There are lots of technique for the treatment of panurethral stricture especially due to lichen sclerosus. The results of Kulkarni technique with single side dividing and double buccal mucosal grafting are satisfactory with proper indication and technique.

Disclosures

Funding: none **Clinical Trial:** Yes **Public Registry:** No **RCT:** No **Subjects:** HUMAN **Ethics not Req'd:** We present this video abstract with the writing consent form of the patient. **Helsinki:** Yes **Informed Consent:** Yes