

Table S1 Comparison between the non-recurrence group and the recurrence group

Item	Non-recurrence group (n=22)	Recurrence group (n=15)	Z/t value	P value
Age (years)	50.41±2.892	46.20±3.128	0.988	0.330
Length of hospital stay (days)	5.5 [5, 7.25]	5 [3, 6]	1.357	0.175
Stricture length (mm)	20 [10, 26.25]	20 [10, 30]	0.048	0.962
Operation time (hours)	1.345 [1.273, 1.465]	1.30 [1.13, 1, 47]	1.052	0.293
Blood loss during operation (mL)	35 [0, 50]	0 [0, 30]	1.545	0.122
Postoperative catheterization time (months)	3 [3, 4]	3 [3, 3]	1.126	0.260
Region				0.7304
Urban	7 (31.82)	6 (40.00)		
Rural	15 (68.18)	9 (60.00)		
Stricture location				0.3070
Anterior urethra	7 (31.82)	8 (53.33)		
Posterior urethra	15 (68.18)	7 (46.67)		
Preoperative urethral surgery history				>0.99
Yes	5 (22.73)	4 (26.67)		
No	17 (77.27)	11 (73.33)		
Preoperative bladder catheterization				>0.99
Yes	19 (86.36)	13 (86.67)		
No	3 (13.64)	2 (13.33)		
Etiology				0.6897
Trauma	18 (81.82)	11 (73.33)		
Others (balanitis, iatrogenic, infection)	4 (18.18)	4 (26.67)		

Region, stricture location, preoperative urethral surgery history, preoperative bladder catheterization, and etiology were analyzed using Fisher's exact test to directly obtain P values.

Table S2 Results of univariate Cox regression analysis for patients with and without recurrence

Items	HR	95% CI	P value
Region	1.112	0.395–3.129	0.840
Stricture location	1.541	0.558–4.254	0.404
Preoperative urethral surgery history	1.092	0.348–3.430	0.880
Preoperative bladder catheterization	1.294	0.290–5.764	0.735
Etiology			
Trauma	1		0.942
Iatrogenic injury	1.766	0.226–13.798	0.588
Balanitis	1.282	0.356–4.610	0.704
Infection	0	0–0	0.989

CI, confidence interval; HR, hazard ratio.