

## **THE INCIDENCE OF POST-LAPAROSCOPIC PROSTATECTOMY INCONTINENCE: COMPARISON BETWEEN THE INTERRUPTED AND RUNNING SUTURES FOR VESICourethRAL ANASTOMOSIS**

### **Aims of Study**

Vesicourethral reconstruction is the most critical and meticulous step of laparoscopic radical prostatectomy. We compared the results of anastomosing method between interrupted and continuous suture.

### **Methods**

Between 1999 and 2002, we performed 29 laparoscopic radical prostatectomies with Montsouris procedure. Clinical stages were divided in T1c-T3. The vesicourethral anastomosis was performed with interrupted suture at 6-8 points (group A) in 8 cases, and running suture with 10-12 steps (group B) in 21 cases. We compared the time consumed for anastomosis, days of indwelling urethral catheter, duration until the full recovery of urinary incontinence.

### **Results**

Time for intraperative anastomosis of group B was longer than group A.

The average days of indwelling catheter was 10.5 in group A and 4.9 in group B.

The days needed for the full recovery of incontinence; group B (average 89.8 days) was significantly shorter than group A (average 236.5 days)

### **Conclusions**

Although the running suture method needs surgical skillfulness of surgeons, it is favorable for urinary continence after operation.

### **References**

1. J.Urol. 166:1622, 2001
2. J. Endourol.14:749, 2000
3. Urology 58:570, 2001