

PREOPERATIVE EVALUATION OF SPHINCTERIC FUNCTION TO PROSPECT THE RECOVERY OF CONTINENCE AFTER LAPAROSCOPIC PROSTATECTOMY

Aims of Study

It is well known that a significant number of patients suffered from post-prostatectomy incontinence. The aim of this work is to predict the recovery of continence from the preoperative urodynamic findings.

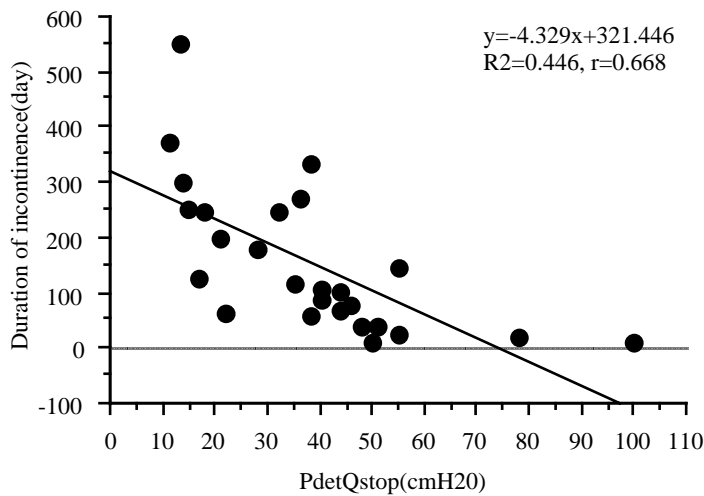
Methods

Between 1999 and 2001, urodynamic parameters of 27 patients undergoing laparoscopic prostatectomy were studied preoperatively, and 6 months afterwards. All patients received laparoscopic prostatectomy with Montsouris procedure. The vesicourethral anastomosis was performed with interrupted suture in 8 cases and with running suture in 19 cases. During flow phase at pressure flow study at sitting, we ordered to interrupt the urination (stop test) and recorded the increase of abdominal pressure (Pabd.Qst.) for sphincteric evaluation.

Results

Pabd. Qst. was strongly correlated to duration for full continence recovery (Fig.).

Pabd. Qst. had no significant correlation with patient's age, and patients' age had no significant correlation with the period for full continence recovery.



Conclusions

The stop test is easy to perform. A new urodynamic parameter of Pabd.Qst. was proved useful to preoperative prospect for the recovery of continence.