

MODE OF PROSTATECTOMY IN RELATION TO ITS LATE COMPLICATIONS AT MUHIMBILI NATIONAL HOSPITAL,

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ABSTRACT

Benign prostatic hyperplasia (BPH) becomes increasingly common as men age. BPH can lead to urinary symptoms that may benefit from medical or surgical treatment.

Despite the availability of modern techniques, and a wide range of modes of prostatectomy, post-prostatectomy late complications still are a burden to many surgeons after performing the procedure.

Our main objective is to determine the association between late post-prostatectomy complications and the different modes of prostatectomy done at MNH.

This study is a retrospective descriptive hospital based study, which included all patients who had prostatectomy, between the years 2005 to 2008. The study involved all patients who underwent prostatectomy at MNH.

The data regarding the patient records and progress were collected from the patients file. We were interested to look for the mode of prostatectomy done to these patients, and the complaints of the late post-prostatectomy complications, if any, and finally to relate these information's.

In our study we had a total of 169 patients, who had prostatectomies. We found that the majority of our surgeons used the Transvesical mode of open prostatectomy [78.9%], while the Retropubic prostatectomy was very minimal [1.8%]. For the closed method, we found that 33 [19.5%] patients out of 169, had TURP.

In this study, we found that, the most common late complication post prostatectomy was the Retrograde ejaculation 7.7%, followed by Urethral stricture 4.1%. Urinary incontinence and bladder neck stenosis also seen in 3.6% and 3% of the patients respectively. The least complication in this study is the erectile dysfunction 1.8%.

It shows that the Retrograde ejaculation was found more in the TVP mode of prostatectomy [12 patients], only one patient in TURP mode, and no patients in the RPP mode.

Bladder neck stenosis, urinary incontinence, and urethral stricture were only found in the TVP mode. Erectile dysfunction was only found in TURP mode.