

## Korelasi antara disfungsi ereksi dengan berat chips, volume prostat dan lama waktu TURP pada penderita BPH = Correlation between erectile dysfunction and chips weight of the prostate, prostate volume and duration time of the resection in benign prostate hyperplasia

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### Abstrak

Objektif : Untuk mengetahui korelasi antara Disfungsi Ereksi dengan berat Chips Prostat, Volume Prostat dan lamanya waktu TURP pada BPH.

Metode : Penelitian ini merupakan prospektif deskriptif. Semua pasien BPH yang menjalani TURP di RSUP Dr. Hasan Sadikin Bandung selama Juni 2001 - Desember 2002 dimasukkan kedalam penelitian ini. Pada penelitian ini digunakan kwesioner International Index Erectile Function-5 (IIEF-5) untuk menilai keadaan fungsi ereksi sebelum dan dua bulan setelah operasi TURP. Pasien yang mengalami disfungsi ereksi sebelum operasi dieksklusi dari penelitian ini.

Hasil: Didapatkan 15,4 % pasien disfungsi ereksi setelah TURP dengan usia rata rata  $60,3 \pm 4,2$  tahun dan didapatkan korelasi yang signifikan antara disfungsi ereksi dengan beratnya chips prostat (  $p = 0,02$  ). Dari analisis regresi diasumsikan bahwa setiap 1 gram chips prostat yang direseksi akan mengakibatkan kemungkinan disfungsi ereksi 0,4 %.

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<i>Objective: To determine the correlation between erectile dysfunction and tissue removed at transurethral resection of prostate, volume of the prostate and duration time of resection in Benign Prostate Hyperplasia.

Method: This was a descriptive prospective study. All BPH patients underwent transurethral resection of the prostate in Hasan Sadikin Hospital Bandung during June 2001 - December 2002 was included in this study. International Index Erectile Function-5 (IIEF-5) questionnaires was used to evaluate these subjects preoperatively and two months after operation. Patients with erectile dysfunction before operation were excluded from this study.

Results: After TURP procedure, 15.4 % patients had erectile dysfunction, with mean age  $60.3 \pm 4.2$  years old. We found significant correlation between prostate chips weight resected during TURP and erectile dysfunction (  $p = 0.02$  ). By regression analysis, it was assumed that every 1 gram resected prostate chip increased the likelihood of erectile dysfunction 0.4%.</i>