

Hubungan panjang protrusi prostat intravesika dengan ketebalan otot detrusor buli buli pada pasien benign prostate hyperplasia diukur menggunakan ultrasonografi transabdominal = Correlation of intravesical prostatic protrusion with detrusor wall thickness in benign prostate hyperplasia patient measured with transabdominal ultrasound

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Abstrak

Protrusi prostat intravesika adalah penonjolan prostat yang mengindentasi buli-buli akibat pertumbuhan prostat lobus median dan lateral. Terdapat hubungan yang positif antara protrusi prostat intravesika, volume prostat, ketebalan otot detrusor buli-buli dan keluhan berkemih. Tujuan penelitian ini adalah mengukur tingkat korelasi antara panjang protrusi prostat intravesika dengan ketebalan otot detrusor buli-buli.

Metode: Penelitian ini merupakan penelitian korelasi menggunakan desain potong lintang. Uji korelasi yang dilakukan adalah uji korelasi Spearman Rank.

Hasil: Selama bulan Juli dan Agustus 2013 didapatkan jumlah sampel 20 orang. Rerata tebal otot detrusor buli-buli 2,83 mm (SD 0,64). Rerata panjang protrusi prostat intravesika 7,44 mm (SD 4,63). Hasil uji korelasi Spearman Rank didapatkan koefisien korelasi 0,54 (p 0,015).

Kesimpulan: terdapat korelasi yang kuat antara panjang protrusi prostat intravesika dengan ketebalan otot detrusor buli-buli.

*Introduction* : intravesical prostatic protrusion is prostatic protrusion to the bladder wall due to the growth of the median and lateral lobes of the prostate . There is a positive relationship between intravesical prostatic protrusion , prostate volume , thickness of the bladder detrusor muscle and bladder complaints . The purpose of this study was to Measure the degree of correlation between the length of intravesical prostatic protrusion with the detrusor wall thickness.

*Methods* : This study is a correlation study using cross-sectional design . Correlation test was performed Spearman Rank correlation test .

*Results* : During the months of July and August 2013 found 20 persons of samples. The mean of detrusor wall thickness 2.83 mm ( SD 0.64 ) . The mean of intravesical prostatic protrusion length 7.44 mm ( SD 4.63 ) . Spearman Rank correlation test results obtained correlation coefficient 0.54 ( p 0.015 ) .

*Conclusion* : there is a strong correlation between the length of intravesical prostatic protrusion with detrusor wall thickness.