THREE YEAR EFFICACY OF SILDENAFIL CITRATE FOLLOWING RADICAL PROSTATECTOMY: SHIM (IIEF-5) ANALYSIS

Rupesh Raina, M.D., Ashok Agarwal, Ph.D., Craig D. Zippe, M.D.

Data from 46 patients who responded to sildenafil therapy at 1 year were stratified according to the type of nerve sparing (NS) procedure: bilateral NS, unilateral NS, and non-NS. The responses to SHIM (IIEF-5) score at 1 yr and 3 yrs were compared. At 3 yrs, 71% (32/46) of patients were still responding to sildenafil. 31% (10/32) had augmented their dose from 50 to 100mg. The drop-out rate was 26% (12/46); 50% (6/12) discontinued because of return of natural erection; 41% (5/12) dropped out because of gradual loss of efficacy. There was no significant difference in the SHIM (IIEF-5) score at 1 yr (18.52 ± 1.23) from 3 yrs (20.01 ± 1.26) in either of the NS groups. Patients that initially responded to sildenafil continue to have excellent long-term efficacy and compliance.