COMBINATION THERAPY: SILDENAFIL CITRATE ENHANCES SEXUAL SATISFACTION IN VACUUM CONSTRUCTION DEVICE (VCD) FAILURES FOLLOWING RADICAL PROSTATECTOMY (RRP)

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To assess the effectiveness of combining sildenafil citrate with VCD in men unsatisfied with the results of VCD alone. Thirty-one patients unsatisfied with the early use of VCD alone following RP (mean follow-up of 4.5 months) were instructed to take 100mg of sildenafil 1-2 hours prior to VCD use for sexual intercourse. Patients used combination therapy for a minimum of 5 attempts prior to assessment with the abridged International Index of Erectile Function (IIEF) questionnaire and a visual analogue scale to gauge rigidity. The effect of combination therapy on total IIEF-5 score and penile rigidity score were assessed. Of the 31 patients, 7 (22%) had no improvement with the addition of sildenafil with VCD and discontinued the drug, while 24 (77%) reported improved penile rigidity and sexual satisfaction. In these 24 patients, the IIEF-5 score showed significant improvement in each domain and patients reported that sildenafil enhanced their erections 100% of the time. Rigidity scores on a scale of 0-100 with VCD alone averaged 55% (23-85) for men and 59% (26-90) for their partners. With the addition of sildenafil, it increased to 76% for men and 82% for their partners. Thirty percent (7/24) reported the return of natural erections at 18 months using combination therapy with 5/7 sufficient for vaginal penetration. The addition of sildenafil with VCD improved sexual satisfaction and penile rigidity in patients unsatisfied with VCD alone.

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