

UAA Congress 2021 – Faculty Abstract

TUEB vs TURP

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The evolution of Trans-urethral enucleation of prostate with bipolar energy (TUEB) has added an interesting dimension to the ongoing debate of the best endoscopic modality for managing BPH. It brings major advantages over TURP in the surgical management. The principle of endoscopic enucleation of TUEB is the most important advantage over the principle of resection of adenoma in TURP. This principle of enucleation makes TUEB independent of the size limitation of the prostate gland. The completeness of adenoma removal is higher with TUEB than TURP. This in turn converts into significantly better long term outcomes and lesser re-operation rates post TUEB than with TURP. The other major advantage with TUEB is the significantly lesser bleeding as the blood vessels are coagulated early at the level of surgical capsule itself rendering the adenoma avascular. Other advantages of TUEB include shorter duration of catheterisation and hospital stay. The lesser amount of resection at the bladder neck is perhaps one of the reasons for the significantly reduced incidence of bladder neck contractures post TUEB. TUEB also shows tendency for lesser incidence of stricture urethra than TURP. With all these major advantages, TUEB stands out as a better procedure over TURP.