More efficient vaporization by the 200-W Thulium laser system than by the GreenLight high-performance system (HPS) 120-W system

Aim

Compared and evaluated the safety and efficacy of 200-W Thulium laser vaporization of the prostate (ThuVAP) and the GreenLight high-performance system 120-W system (HPS-PVP) for BPH.

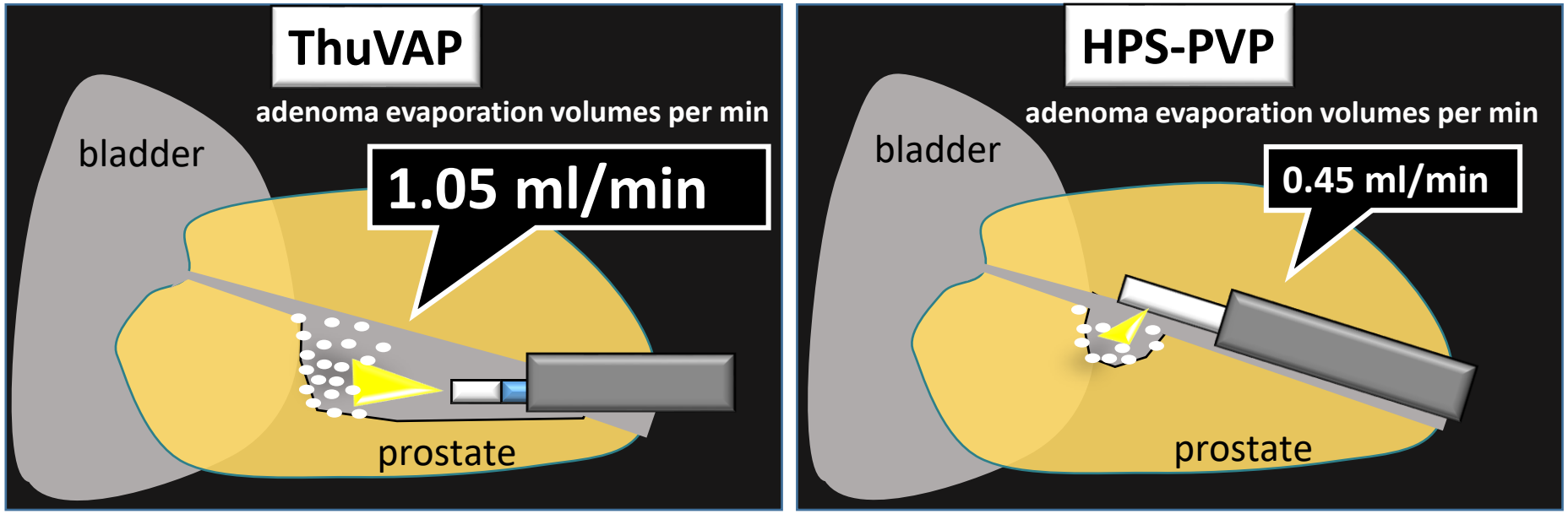
Methods

One facility retrospective study

ThuVAP : 137 patients　HPS-PVP : 233 patients

All patients with lower urinary tract symptoms secondary to BPH

Results



	ThuVAP（n=137）	HPS-PVP (n=233)	P value
Laser time (min)	49.42±19.24	62.45±19.08	<0.001
Adenoma evaporation volumes (ΔPV) (ml)	50.36±23.92	27.77±11.36	<0.001
Hospital stay (days)	4.88±2.12	5.37±2.11	0.007
Complications (n)	19	55	0.03