

Supplementary Table 8. Perioperative surgical data in the prospective comparative studies*									
Studies	Comparison group	Operation time (minutes)	Blood loss		Blood transfusion (ml or units)	Radiation exposure time (seconds)	Postoperative intravenous analgesia with morphine (mg)	Time to ambulation (days)	Hospital stay (days)
			Intraoperative blood loss (ml)	Postoperative blood loss (ml)					
Parker et al. ¹⁹	Percutaneous group	274 (227-351)	200 (100-400)		NR	NR	NR	NR	3 (2-4)
	Open group	229 (186-274)	350 (200-600)		NR	NR	NR	NR	4 (3-5)
Gu et al. ²¹	Percutaneous group	195.5 ± 28.0	248.4 ± 94.3	NR	0 ± 0 (ml)	45.3 ± 11.7	NR	NR	9.3 ± 3.7
	Open group	186.6 ± 23.4	576.3 ± 176.2	NR	94.7 ± 165.9 (ml)	28.9 ± 8.2	NR	NR	12.1 ± 3.6
Lee et al. ²²	Percutaneous group	166.4 ± 52.1	50.6 ± 161.0	0 ± 0	NR	49.0 ± 33.9	3.4 ± 10.1	1.2 ± 0.6	3.2 ± 2.9
	Open group	181.8 ± 45.4	447.4 ± 519.2	528.9 ± 241.6	NR	17.6 ± 20.0	33.5 ± 38.6	3.4 ± 1.1	6.8 ± 3.4
Mobbs et al. ²³	Percutaneous group	NR	NR	NR	NR	NR	85.90 ± 109.0	21.9 ± 9.8 (hours)	5.9 ± 3.1
	Open group	NR	NR	NR	NR	NR	168.9 ± 170.6	31.2 ± 15.3 (hours)	9.7 ± 6.7
Kotani et al. ²⁴	Percutaneous group	172 ± 33	181 ± NR	NR	NR	NR	NR	NR	NR
	Open group	176 ± 37	453 ± NR	NR	NR	NR	NR	NR	NR
Wang et al. ²⁵	Percutaneous group	139 ± 27	291 ± 86	25 ± 10	NR	73 ± 21	NR	NR	NR
	Open group	143 ± 35	652 ± 150	147 ± 58	NR	39 ± 16	NR	NR	NR
Wang et al. ²⁶	Percutaneous group	156 ± 32	264 ± 89	39 ± 12	0.1 ± 0.3 (units)	84 ± 21	NR	NR	10.6 ± 2.5
	Open group	145 ± 27	673 ± 145	158 ± 65	1.5 ± 0.5 (units)	37 ± 19	NR	NR	14.6 ± 3.8
Schizas et al. ²⁷	Percutaneous group	5.8 ± NR (hours)	456 ± NR	95 ± NR	NR	2.7 ± NR (cGy/cm ²)	NR	NR	6.1 ± NR
	Open group	5.2 ± NR	961 ± NR	477 ± NR	NR	1.8 ± NR (cGy/cm ²)	NR	NR	8.2 ± NR
Park et al. ²⁹	Percutaneous group	191.7 ± 37.7	432.8 ± 294.8	175 ± 162.2	0.2 ± 0.6 (units)	NR	NR	1.22 ± 0.6	5.3 ± 2.6
	Open group	148.8 ± 24.2	737.9 ± 224.3	482.9 ± 165.3	1.0 ± 1.1 (units)	NR	NR	2.97 ± 1.1	10.8 ± 2.5

* NR = not reported.