

**Table (1S): Operation time, hospital and ICU stay distribution between studied groups**

	Azygos spring repair Group (N=22)	Classic repair Group (N=22)	t	P
Operation time	54.5±11.83	57.66±16.35	-0.711	0.467
Hospital stay	9.21±3.23	11.35±2.87	-2.197	0.025*
ICU stay	4.51±0.83	6.88±0.83	-3.222	0.001**

**Table (2S): Short outcome results and complication distribution between studied groups**

			Group		Total	X <sup>2</sup>	P
			Azygos spring repair Group	Classic repair Group			
leakage	No	N	18	11	29	4.95	0.026*
		%	81.8%	50.0%	65.9%		
	Yes	N	4	11	15		
		%	18.2%	50.0%	34.1%		
Pneumonia	No	N	19	9	28	9.8	0.002*
		%	86.4%	40.9%	63.6%		
	Yes	N	3	13	16		
		%	13.6%	59.1%	36.4%		
Overall complication	No	N	15	5	20	7.64	0.006*
		%	68.2%	22.7%	45.4%		
	Complicated	N	7	17	24		
		%	31.8%	77.3%	54.6%		
Total		N	22	22	44		
		%	100.0%	100.0%	100.0%		

**Table (3S): Mortality distribution between studied group**

			Group		Total	X <sup>2</sup>	P
			Azygos spring repair Group	Classic repair Group			
Mortality	Survived	N	17	10	27	0.18	0.66
		%	77.3%	45.5%	61.4%		
	Died	N	5	12	17		
		%	22.7%	54.5%	38.6%		
Total		N	22	22	44		
		%	100.0%	100.0%	100.0%		