

Table S2: Preoperative ocular findings of rhegmatogenous retinal detachment patients before propensity score matching primary success cases.

		Gas [†] (n = 2,042)	Silicone Oil [†] (n = 55)	p value [§]
Intraocular pressure (mmHg)		13.16 ± 3.70	10.27 ± 4.33	<0.001
Best corrected visual acuity (logMAR)		0.585 ± 0.765	1.259 ± 0.916	<0.001
Axial length (mm)		25.58 ± 1.90	26.87 ± 3.20	0.016
Spherical equivalent (diopter)		-2.81 ± 4.46	-3.02 ± 6.27	0.946
Posterior vitreous detachment	+	1,813 (88.79%)	45 (81.82%)	0.165
Complex retinal detachment	+	413 (20.23%)	42 (76.36%)	<0.001
Giant tear	+	195 (9.55%)	12 (21.82%)	0.005
Macula detachment	+	998 (48.87%)	49 (89.09%)	<0.001
Choroidal detachment	+	64 (3.13%)	9 (16.36%)	<0.001
Area of retinal detachment	1 quadrant	612 (29.97%)	3 (5.45%)	<0.001
	2 quadrants	979 (47.94%)	22 (40.00%)	
	3 quadrants	329 (16.11%)	13 (23.64%)	
	4 quadrants	122 (5.97%)	17 (30.91%)	
Stage of proliferative vitreoretinopathy	N / A	1,898 (92.95%)	23 (41.82%)	<0.001
	B	99 (4.85%)	15 (27.27%)	
	C	45 (2.20%)	17 (30.91%)	

[†]: If the variables are continuous, we present the means ± standard deviation. And if those are categorical, we present the number and the proportion.

[§]: P values of continuous variables are calculated by Mann Whitney U test and those of categorical variables are calculated by chi squared test if the minimum number is more than 5 and Fisher's exact test if the minimum number is less or equal to 5. We determine that if p values are less than 0.05, the values are statistically significant.