

TableS1: The percentages of missing values in each variables before multiple imputation.

Variables	The percentages of missing data (%)		
	All	Gas	Silicone Oil
Gender	0.00	0.00	0.00
Age	0.00	0.00	0.00
History type	0.00	0.00	0.00
RRD type	0.00	0.00	0.00
Lens status	1.00	0.70	6.37
Onset to surgery	27.53	26.18	45.86
Type of surgery	0.00	0.00	0.00
Concurrent cataract surgery	0.00	0.00	0.00
Macula off	0.61	0.56	1.27
Choroidal detachment	0.00	0.00	0.00
Area of retinal detachment	0.00	0.00	0.00
Stage of proliferative vitreoretinopathy	0.00	0.00	0.00
Retinal breaks type	0.44	0.42	0.64
Number of retinal breaks	2.01	1.69	6.37
Location of largest retinal break	0.04	0.05	0.00
Size of largest retinal break	0.04	0.05	0.00
Best corrected visual acuity Baseline	0.79	0.14	9.55
Best corrected visual acuity First month	2.84	2.34	9.55
Best corrected visual acuity Third month	6.76	6.46	10.83
Best corrected visual acuity Sixth month	14.27	13.86	19.74
Sixth month success	14.92	14.66	18.47